This Calendar, Part 2, contains all information concerning graduate studies in Trinity College, Dublin.

The College is not bound by any error in, or omission from, the following information. Euro amounts have been calculated to the nearest unit.

For a definitive list of charges and fees, please consult the University of Dublin Calendar Part 1 2009/2010.

DEAN OF GRADUATE STUDIES

STAFF OF THE GRADUATE STUDIES OFFICE
Administrative Officers:  

Senior Executive Officers:  
Michelle Greally, B.A., G.D.B.S. (IT) (N.C.E.A.)
Jacinta Ryan

Executive Officers:  
Bernadette Curtis
Jennifer Hill, B.A. (Essex)
Sinead O’Carroll

ENQUIRIES AND CORRESPONDENCE:
Address:  Graduate Studies Office
Trinity College
Dublin 2, Ireland.
Tel:   +353-1-896 1166
Fax:  +353-1-671 2821
Email:  gradinfo@tcd.ie

The Graduate Studies Office is open
mornings: 10 a.m. - 12.00 noon
afternoons: 2 p.m. - 4 p.m.

WEB SITE
The Graduate Studies Office maintains a web site:
http://www.tcd.ie/Graduate_Studies/

which has links to information on all postgraduate courses and programmes listed in this Calendar, Part 2. The Graduate Studies Office local page gives further details on course development, review, supervision, thesis submission and provides downloadable copies of various forms.
## CONTENTS

<table>
<thead>
<tr>
<th>PART A - GENERAL INFORMATION</th>
<th>page</th>
</tr>
</thead>
<tbody>
<tr>
<td>I Graduate Studies Committee</td>
<td>9</td>
</tr>
<tr>
<td>MEMBERSHIP</td>
<td>9</td>
</tr>
<tr>
<td>TERMS OF REFERENCE</td>
<td>10</td>
</tr>
<tr>
<td>II List of Higher Degree and Graduate Courses (Alphabetical)</td>
<td>11</td>
</tr>
<tr>
<td>III Important Dates</td>
<td>15</td>
</tr>
<tr>
<td>IV Academic Structure</td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PART B - GENERAL REGULATIONS</th>
<th>page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 General Academic Regulations For Graduate Studies and Higher Degrees</td>
<td>18</td>
</tr>
<tr>
<td>2 Regulations For Higher Degrees By Research Only</td>
<td>36</td>
</tr>
<tr>
<td>(a) Degrees by Research and Thesis</td>
<td>36</td>
</tr>
<tr>
<td>MASTER IN LETTERS (M.LITT.)</td>
<td>43</td>
</tr>
<tr>
<td>MASTER IN SCIENCE (M.Sc. (IND.))</td>
<td>43</td>
</tr>
<tr>
<td>DOCTOR IN PHILOSOPHY (Ph.D.)</td>
<td>43</td>
</tr>
<tr>
<td>(b) Higher Doctorates</td>
<td>43</td>
</tr>
<tr>
<td>3 General Regulations For Taught Graduate Courses</td>
<td>46</td>
</tr>
<tr>
<td>4 Regulations For Professional Higher And Other Degrees</td>
<td>49</td>
</tr>
<tr>
<td>5 Other General Regulations</td>
<td>51</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PART C - SPECIFIC REGULATIONS</th>
<th>page</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 Specific Regulations For Taught Graduate Courses By Faculty</td>
<td>53</td>
</tr>
<tr>
<td>(a) Faculty of Arts, Humanities and Social Sciences</td>
<td>53</td>
</tr>
<tr>
<td>Named Degree Courses</td>
<td>53</td>
</tr>
<tr>
<td>BACHELOR IN DIVINITY (B.D.)</td>
<td>61</td>
</tr>
<tr>
<td>MASTER IN BUSINESS ADMINISTRATION (M.B.A.)</td>
<td>61</td>
</tr>
<tr>
<td>DOCTORATE IN CLINICAL PSYCHOLOGY (D.CLIN.PSYCH.)</td>
<td>63</td>
</tr>
<tr>
<td>DOCTORATE IN COUNSELLING PSYCHOLOGY (D.COUNS.PSYCH.)</td>
<td>65</td>
</tr>
<tr>
<td>MASTER IN PHILOSOPHY (ECUMENICS) (M.PHIL.(ECUM.))</td>
<td>103</td>
</tr>
<tr>
<td>PROFESSIONAL DOCTORATE IN EDUCATION (D.ED.)</td>
<td>68</td>
</tr>
<tr>
<td>MASTER IN EDUCATION (M.ED.)</td>
<td>69</td>
</tr>
<tr>
<td>SCIENCE EDUCATION</td>
<td>69</td>
</tr>
<tr>
<td>EDUCATIONAL GUIDANCE AND COUNSELLING</td>
<td>69</td>
</tr>
<tr>
<td>EDUCATIONAL LEADERSHIP AND MANAGEMENT</td>
<td>69</td>
</tr>
<tr>
<td>SPECIAL EDUCATION</td>
<td>69</td>
</tr>
<tr>
<td>AGGRESSION STUDIES</td>
<td>69</td>
</tr>
<tr>
<td>DRAMA IN EDUCATION</td>
<td>69</td>
</tr>
<tr>
<td>FOUNDATION STUDIES</td>
<td>69</td>
</tr>
<tr>
<td>MASTER IN LAWS (LL.M.)</td>
<td>71</td>
</tr>
<tr>
<td>MASTER IN MANAGEMENT (M.Sc. (MGMT.))</td>
<td>72</td>
</tr>
<tr>
<td>BUSINESS ADMINISTRATION PROGRAMME</td>
<td>73</td>
</tr>
<tr>
<td>INTERNATIONAL BUSINESS PROGRAMME</td>
<td>73</td>
</tr>
<tr>
<td>MANAGEMENT PRACTICE PROGRAMME</td>
<td>74</td>
</tr>
<tr>
<td>ORGANISATIONAL BEHAVIOUR PROGRAMME</td>
<td>75</td>
</tr>
<tr>
<td>STRATEGIC MANAGEMENT PROGRAMME</td>
<td>75</td>
</tr>
<tr>
<td>MASTER IN PHILOSOPHY (PEACE STUDIES) (M.PHIL.(PEACE STUDIES))</td>
<td>125</td>
</tr>
<tr>
<td>MASTER IN SOCIAL WORK (M.S.W.)</td>
<td>76</td>
</tr>
<tr>
<td>MASTER OF STUDIES (M.ST.) IN SCHOOL LEADERSHIP AND EDUCATIONAL STUDIES</td>
<td>78</td>
</tr>
</tbody>
</table>
M.Sc. (St.) Courses
APPLIED PSYCHOLOGY 79
APPLIED SOCIAL RESEARCH 80
CHILD PROTECTION AND WELFARE 82
CLINICAL SPEECH AND LANGUAGE STUDIES 82
CLINICAL SUPERVISION 84
COMPARATIVE EUROPEAN POLITICS 86
COUNSELLING PSYCHOLOGY 87
DRUG AND ALCOHOL POLICY 90
ECONOMIC POLICY STUDIES 91
ECONOMICS 92
FINANCE 94
INTERNATIONAL MANAGEMENT 95
PSYCHOLOGY (APPLIED BEHAVIOUR ANALYSIS) 97
TECHNOLOGY AND LEARNING 98

M.Phil. Courses
APPLIED LINGUISTICS 98
CLASSICS 99
COMPARATIVE LITERATURE 100
CREATIVE WRITING 101
EARLY IRISH 102
ENGLISH LANGUAGE TEACHING 105
ETHNIC AND RACIAL STUDIES 106
EUROPEAN STUDIES 107
FILM THEORY AND HISTORY 108
GENDER AND WOMEN’S STUDIES 109
GERMAN LITERATURE WITH LANGUAGE PEDAGOGY 110
IRISH ART HISTORY 111
IRISH FILM, MUSIC AND THEATRE 112
IRISH WRITING 113
LINGUISTICS 114
LITERARY TRANSLATION 116
LITERATURES OF THE AMERICAS 117
MEDIEVAL HISTORY 118
MEDIEVAL LANGUAGE, LITERATURE AND CULTURE 119
MODERN IRISH HISTORY 120
MUSIC AND MEDIA TECHNOLOGIES 122
MUSICOLOGY AND MUSIC THEORY 123
POPULAR LITERATURE 127
PSYCHOANALYTIC STUDIES 128
RECONCILIATION STUDIES 128
REFORMATION AND ENLIGHTENMENT STUDIES 130
SOCIAL WORK RESEARCH 132
SPEECH AND LANGUAGE PROCESSING 132
TEXTUAL AND VISUAL STUDIES: TWENTIETH AND TWENTY-FIRST CENTURIES 133
THEATRE AND PERFORMANCE 134

Postgraduate Diplomas
APPLIED BEHAVIOUR ANALYSIS 136
APPLIED LINGUISTICS 137
CHILD PROTECTION AND WELFARE 137
CLASSICS 138
CLINICAL SPEECH AND LANGUAGE STUDIES (DYSPHAGIA) 138
CLINICAL SUPERVISION (PSYCHOLOGY) 139
<table>
<thead>
<tr>
<th>Course Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMPARATIVE EUROPEAN POLITICS</td>
<td>140</td>
</tr>
<tr>
<td>CONFLICT AND DISPUTE RESOLUTION STUDIES</td>
<td>140</td>
</tr>
<tr>
<td>CONTINUING PROFESSIONAL DEVELOPMENT</td>
<td>141</td>
</tr>
<tr>
<td>ECONOMICS</td>
<td>142</td>
</tr>
<tr>
<td>ECUMENICS</td>
<td>142</td>
</tr>
<tr>
<td>EDUCATION</td>
<td>142</td>
</tr>
<tr>
<td>EDUCATIONAL STUDIES</td>
<td>143</td>
</tr>
<tr>
<td>ENGLISH LANGUAGE TEACHING</td>
<td>143</td>
</tr>
<tr>
<td>GENDER AND WOMEN’S STUDIES</td>
<td>143</td>
</tr>
<tr>
<td>GERMAN LITERATURE WITH LANGUAGE PEDAGOGY</td>
<td>144</td>
</tr>
<tr>
<td>IRISH WRITING</td>
<td>144</td>
</tr>
<tr>
<td>LINGUISTICS</td>
<td>144</td>
</tr>
<tr>
<td>MANAGEMENT</td>
<td>144</td>
</tr>
<tr>
<td>MODERN IRISH HISTORY</td>
<td>145</td>
</tr>
<tr>
<td>MUSIC AND MEDIA TECHNOLOGIES</td>
<td>145</td>
</tr>
<tr>
<td>OLD IRISH</td>
<td>145</td>
</tr>
<tr>
<td>PEACE STUDIES</td>
<td>145</td>
</tr>
<tr>
<td>PSYCHOANALYTIC STUDIES</td>
<td>145</td>
</tr>
<tr>
<td>RECONCILIATION STUDIES</td>
<td>145</td>
</tr>
<tr>
<td>REFORMATION AND ENLIGHTENMENT STUDIES</td>
<td>145</td>
</tr>
<tr>
<td>SOCIAL WORK</td>
<td>145</td>
</tr>
<tr>
<td>SPEECH AND LANGUAGE PROCESSING</td>
<td>146</td>
</tr>
<tr>
<td>TECHNOLOGY AND LEARNING</td>
<td>146</td>
</tr>
<tr>
<td>Higher Diplomas</td>
<td></td>
</tr>
<tr>
<td>HIGHER DIPLOMA IN EDUCATION (PRIMARY TEACHING)</td>
<td>146</td>
</tr>
<tr>
<td>HIGHER DIPLOMA IN PSYCHOLOGY</td>
<td>147</td>
</tr>
<tr>
<td>(b) Faculty of Engineering, Mathematics and Science</td>
<td></td>
</tr>
<tr>
<td>Named Degree Courses</td>
<td></td>
</tr>
<tr>
<td>MASTER IN ENGINEERING (M.A.I.)</td>
<td>150</td>
</tr>
<tr>
<td>MASTER IN ENGINEERING (M.A.I.) RECURRENT EDUCATION</td>
<td>150</td>
</tr>
<tr>
<td>M.Sc. (St.) Courses</td>
<td></td>
</tr>
<tr>
<td>ENGINEERING (BY MODULE)</td>
<td>151</td>
</tr>
<tr>
<td>BIODIVERSITY AND CONSERVATION</td>
<td>151</td>
</tr>
<tr>
<td>BIOENGINEERING</td>
<td>152</td>
</tr>
<tr>
<td>CHEMICAL AND BIOLOGICAL TECHNIQUES</td>
<td>153</td>
</tr>
<tr>
<td>CIVIL ENGINEERING</td>
<td>154</td>
</tr>
<tr>
<td>COMPUTER SCIENCE (INTERACTIVE ENTERTAINMENT TECHNOLOGY)</td>
<td>155</td>
</tr>
<tr>
<td>COMPUTER SCIENCE (MOBILE AND UBQUITOUS COMPUTING)</td>
<td>156</td>
</tr>
<tr>
<td>COMPUTER SCIENCE (NETWORKS AND DISTRIBUTED SYSTEMS)</td>
<td>157</td>
</tr>
<tr>
<td>ELECTRONIC ENGINEERING</td>
<td>158</td>
</tr>
<tr>
<td>ENVIRONMENT AND DEVELOPMENT</td>
<td>158</td>
</tr>
<tr>
<td>ENVIRONMENTAL SCIENCES</td>
<td>159</td>
</tr>
<tr>
<td>HEALTH INFORMATICS</td>
<td>161</td>
</tr>
<tr>
<td>HIGH PERFORMANCE COMPUTING</td>
<td>162</td>
</tr>
<tr>
<td>INTEGRATED SYSTEMS DESIGN</td>
<td>163</td>
</tr>
<tr>
<td>INTERACTIVE DIGITAL MEDIA</td>
<td>164</td>
</tr>
<tr>
<td>MANAGEMENT OF INFORMATION SYSTEMS</td>
<td>164</td>
</tr>
<tr>
<td>MECHANICAL ENGINEERING (ERASMUS MUNDUS)</td>
<td>165</td>
</tr>
<tr>
<td>TECHNOLOGY AND LEARNING</td>
<td>166</td>
</tr>
<tr>
<td>M.Phil. Courses</td>
<td></td>
</tr>
<tr>
<td>MUSIC AND MEDIA TECHNOLOGIES</td>
<td>167</td>
</tr>
<tr>
<td>Postgraduate Diplomas</td>
<td></td>
</tr>
<tr>
<td>APPLIED BUILDING REPAIR AND CONSERVATION</td>
<td>168</td>
</tr>
<tr>
<td>Course Title</td>
<td>Page</td>
</tr>
<tr>
<td>-----------------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>BIODIVERSITY AND CONSERVATION</td>
<td>168</td>
</tr>
<tr>
<td>BIOENGINEERING</td>
<td>169</td>
</tr>
<tr>
<td>CHEMICAL AND BIOLOGICAL TECHNIQUES</td>
<td>169</td>
</tr>
<tr>
<td>CIVIL ENGINEERING</td>
<td>169</td>
</tr>
<tr>
<td>COMPUTER SCIENCE (INTERACTIVE ENTERTAINMENT TECHNOLOGY)</td>
<td>169</td>
</tr>
<tr>
<td>COMPUTER SCIENCE (MOBILE AND UBQUITOUS COMPUTING)</td>
<td>169</td>
</tr>
<tr>
<td>COMPUTER SCIENCE (NETWORKS AND DISTRIBUTED SYSTEMS)</td>
<td>169</td>
</tr>
<tr>
<td>COMPUTERS FOR ENGINEERS</td>
<td>169</td>
</tr>
<tr>
<td>CONSTRUCTION LAW AND CONTRACT ADMINISTRATION</td>
<td>170</td>
</tr>
<tr>
<td>ENVIRONMENT AND DEVELOPMENT</td>
<td>170</td>
</tr>
<tr>
<td>ENVIRONMENTAL ENGINEERING</td>
<td>170</td>
</tr>
<tr>
<td>ENVIRONMENTAL SCIENCES</td>
<td>171</td>
</tr>
<tr>
<td>FIRE SAFETY PRACTICE (BUILDINGS AND OTHER STRUCTURES)</td>
<td>171</td>
</tr>
<tr>
<td>HEALTH AND SAFETY IN CONSTRUCTION</td>
<td>172</td>
</tr>
<tr>
<td>HEALTH INFORMATICS</td>
<td>172</td>
</tr>
<tr>
<td>HIGH PERFORMANCE COMPUTING</td>
<td>172</td>
</tr>
<tr>
<td>HIGHWAY AND GEOTECHNICAL ENGINEERING</td>
<td>173</td>
</tr>
<tr>
<td>INTEGRATED SYSTEMS DESIGN</td>
<td>173</td>
</tr>
<tr>
<td>MANAGEMENT OF INFORMATION SYSTEMS</td>
<td>173</td>
</tr>
<tr>
<td>MUSIC AND MEDIA TECHNOLOGIES</td>
<td>173</td>
</tr>
<tr>
<td>PHYSICAL PLANNING</td>
<td>173</td>
</tr>
<tr>
<td>PROJECT MANAGEMENT</td>
<td>174</td>
</tr>
<tr>
<td>SPECIALISED TECHNOLOGY</td>
<td>175</td>
</tr>
<tr>
<td>STATISTICS</td>
<td>175</td>
</tr>
<tr>
<td>TECHNOLOGY AND LEARNING</td>
<td>175</td>
</tr>
<tr>
<td>CONTINUING EDUCATION PROGRAMME IN STATISTICS</td>
<td>175</td>
</tr>
<tr>
<td>(c) Faculty of Health Sciences</td>
<td></td>
</tr>
<tr>
<td>Named Degree Courses</td>
<td></td>
</tr>
<tr>
<td>DOCTOR IN MEDICINE (M.D.)</td>
<td>177</td>
</tr>
<tr>
<td>PROFESSIONAL DOCTORATE IN DENTAL SURGERY (D.CH.DENT.)</td>
<td>177</td>
</tr>
<tr>
<td>MASTER IN DENTAL SCIENCE (M.DENT.SC.)</td>
<td>178</td>
</tr>
<tr>
<td>MASTER IN OBSTETRICS (M.A.O.)</td>
<td>179</td>
</tr>
<tr>
<td>MASTER IN SURGERY (M.CH.)</td>
<td>179</td>
</tr>
<tr>
<td>M.Sc. (St.) Courses</td>
<td></td>
</tr>
<tr>
<td>BIOMEDICAL SCIENCES (INTERCALATED)</td>
<td>180</td>
</tr>
<tr>
<td>CARDIOLOGY</td>
<td>182</td>
</tr>
<tr>
<td>CARDIOVASCULAR REHABILITATION AND PREVENTION</td>
<td>183</td>
</tr>
<tr>
<td>CHILD AND ADOLESCENT PSYCHOANALYTIC PSYCHOTHERAPY</td>
<td>184</td>
</tr>
<tr>
<td>CLINICAL CHEMISTRY</td>
<td>184</td>
</tr>
<tr>
<td>COMMUNITY PHARMACY</td>
<td>185</td>
</tr>
<tr>
<td>EXERCISE PHYSIOLOGY</td>
<td>186</td>
</tr>
<tr>
<td>GERONTOLOGICAL NURSING</td>
<td>187</td>
</tr>
<tr>
<td>GLOBAL HEALTH</td>
<td>188</td>
</tr>
<tr>
<td>HEALTH INFORMATICS</td>
<td>189</td>
</tr>
<tr>
<td>HEALTH SERVICES MANAGEMENT</td>
<td>190</td>
</tr>
<tr>
<td>HOSPITAL PHARMACY</td>
<td>191</td>
</tr>
<tr>
<td>MEDICAL IMAGING</td>
<td>192</td>
</tr>
<tr>
<td>MENTAL HEALTH</td>
<td>194</td>
</tr>
<tr>
<td>MIDWIFERY</td>
<td>195</td>
</tr>
<tr>
<td>MOLECULAR MEDICINE</td>
<td>196</td>
</tr>
<tr>
<td>MOLECULAR PATHOLOGY</td>
<td>198</td>
</tr>
<tr>
<td>NEUROSCIENCE</td>
<td>198</td>
</tr>
<tr>
<td>NURSING</td>
<td>199</td>
</tr>
<tr>
<td>OCCUPATIONAL THERAPY</td>
<td>201</td>
</tr>
<tr>
<td>PALLIATIVE CARE</td>
<td>202</td>
</tr>
<tr>
<td>PHARMACEUTICAL ANALYSIS</td>
<td>203</td>
</tr>
</tbody>
</table>
# LIST OF HIGHER DEGREE TITLES

<table>
<thead>
<tr>
<th>Postgraduate Diplomas</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Biomedical Sciences (Intercalated)</td>
<td>213</td>
</tr>
<tr>
<td>Cardiovascular Rehabilitation and Prevention</td>
<td>213</td>
</tr>
<tr>
<td>Clinical Chemistry</td>
<td>213</td>
</tr>
<tr>
<td>Clinical Dentistry</td>
<td>213</td>
</tr>
<tr>
<td>Clinical Engineering (Equipment Management)</td>
<td>214</td>
</tr>
<tr>
<td>Clinical Health Sciences Education</td>
<td>215</td>
</tr>
<tr>
<td>Cognitive Psychotherapy</td>
<td>216</td>
</tr>
<tr>
<td>Community Pharmacy</td>
<td>218</td>
</tr>
<tr>
<td>Conscious Sedation in Dentistry</td>
<td>218</td>
</tr>
<tr>
<td>Exercise Physiology</td>
<td>219</td>
</tr>
<tr>
<td>Gerontological Nursing</td>
<td>219</td>
</tr>
<tr>
<td>Gynaecology and Obstetrics</td>
<td>220</td>
</tr>
<tr>
<td>Health Informatics</td>
<td>221</td>
</tr>
<tr>
<td>Medical Imaging</td>
<td>221</td>
</tr>
<tr>
<td>Mental Health</td>
<td>221</td>
</tr>
<tr>
<td>Midwifery</td>
<td>221</td>
</tr>
<tr>
<td>Molecular Medicine</td>
<td>222</td>
</tr>
<tr>
<td>Oncological Nursing</td>
<td>223</td>
</tr>
<tr>
<td>Palliative Care</td>
<td>224</td>
</tr>
<tr>
<td>Pharmaceutical Analysis</td>
<td>224</td>
</tr>
<tr>
<td>Pharmaceutical Manufacturing Technology</td>
<td>224</td>
</tr>
<tr>
<td>Pharmaceutical Medicine</td>
<td>224</td>
</tr>
<tr>
<td>Pharmaceutical Technology</td>
<td>225</td>
</tr>
<tr>
<td>Physical Sciences in Medicine</td>
<td>225</td>
</tr>
<tr>
<td>Professional Midwifery Studies</td>
<td>225</td>
</tr>
<tr>
<td>Professional Nursing Studies</td>
<td>225</td>
</tr>
<tr>
<td>Respiratory Physiotherapy</td>
<td>225</td>
</tr>
<tr>
<td>Specialist Nursing</td>
<td>225</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Higher Diploma</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Children’s Nursing</td>
<td>228</td>
</tr>
<tr>
<td>Midwifery</td>
<td>229</td>
</tr>
</tbody>
</table>

## PART D – AWARDS

### POSTGRADUATE AWARDS AND TRAVEL FUNDS

<p>| Trinity College Postgraduate Research Studentships | 235 |
| Ussher Awards | 236 |
| R.B. McDowell Ussher Fellowship | 237 |
| Nesbitt Ussher Fellowship | 237 |
| Schuler Ussher Fellowship | 237 |
| Rachel Thompson Ussher Fellowship | 237 |
| Thomas Mitchell Ussher Fellowship | 237 |
| Postgraduate Scholarships of Limited Application | 240 |
| Foundation and non-Foundation Scholarships | 248 |
| Emergency Financial Assistance | 248 |
| Trinity Trust Travel Grants | 248 |
| Miscellaneous Research Travel Funds | 248 |</p>
<table>
<thead>
<tr>
<th>Page</th>
<th>Section</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>POSTGRADUATE DEGREE AND DIPLOMA COURSES - ANNUAL FEES</td>
<td>251</td>
</tr>
<tr>
<td>10</td>
<td>INDEX</td>
<td>258</td>
</tr>
</tbody>
</table>
I. GRADUATE STUDIES COMMITTEE

MEMBERS*

Ex Officio members
The Dean of Graduate Studies (Chairperson) - Prof. Carol O’Sullivan
The Dean of Research – Dr David Lloyd

Directors of Teaching and Learning (Postgraduate) in the following Schools:
School of Biochemistry and Immunology – Dr Derek Nolan
School of Business – Dr Martin Fellenz
School of Chemistry – Dr Stephen Connon
School of Computer Science and Statistics – Dr Siobhán Clarke
School of Dental Science – Dr Claire Healy
School of Drama, Film and Music – Dr Ruth Barton
School of Education – Dr Carmel O’Sullivan
School of Engineering – Prof. Brian Brodenick
School of English – Dr Sam Slote
School of Genetics and Microbiology – Prof. Seamus Martin
School of Histories and Humanities – Dr Hazel Dodge
School of Languages, Literatures and Cultural Studies – Dr Caitriona Leahy
School of Law – Dr Neville Cox
School of Linguistic, Speech and Communication Sciences – Dr Jeffrey Kallen
School of Mathematics – Dr Stefan Sint
School of Medicine – Dr Thomas Connor
School of Natural Sciences – Dr Paula Murphy
School of Nursing and Midwifery – Dr Fintan Sheerin
School of Pharmacy and Pharmaceutical Sciences – Dr Andrew Harkin
School of Physics – Prof. Jonathan Coleman
School of Psychology – Dr Kevin Tierney
School of Religions, Theology and Ecumenics – Dr Gillian Wylie
School of Social Sciences and Philosophy – Dr Jim Levine
School of Social Work and Social Policy – Dr Eoin O’Sullivan

Representatives of the Graduate Students’ Union
The President of the Graduate Students’ Union – Mr Ronan Hodson
The Vice-President of the Graduate Students’ Union – Ms Alexandra Murphy

IN ATTENDANCE

Ex Officio
Keeper of Readers’ Services – Mr Trevor Peare
Information System Services Representative – Mr John Lawlor
Administrative Officer Graduate Studies Office – Ms Helen Thornbury (Secretary)
Two members may be co-opted.

* The definitive membership is given in the University Calendar Part I
The Graduate Studies Committee was established in the academic year 1965/66. Initially the members were drawn from Schools and later they were drawn from Faculties. In 2005, Board and Council approved that the membership would be changed to include the Directors of Teaching and Learning (Postgraduate) so that the membership is now: the Dean of Graduate Studies as the chair of the committee, the Dean of Research, the Directors of Teaching and Learning (Postgraduate) in the Schools, the President of the Graduate Students’ Union, the Vice President of the Graduate Students’ Union. In attendance are: The Keeper of Readers’ Services, a representative of Information and Systems Services, and an Administrative Officer from the Graduate Studies Office as secretary to the committee. Up to two non-voting members may be co-opted in order to advise on current or forthcoming academic developments.

There shall be no substitution of members of the Graduate Studies Committee.

The main functions of the Graduate Studies Committee are:

1) To initiate discussion and make recommendations on all matters of academic policy and practice relating to postgraduate study and research, and to report these discussions to the Heads of School Committee and the University Council.

2) To advise the Dean of Graduate Studies in his or her role of reporting to the University Council, including such matters as
   a. admission, progression, and examination of postgraduate students;
   b. proposals for new postgraduate degrees and diplomas, and changes to existing degree and diploma courses and regulations.

3) To monitor, evaluate, and ensure the quality of postgraduate courses and research degrees.

4) To assess proposals for the formation of Graduate Schools, including joining Graduate Schools with other institutions, and to make recommendations on the proposal to the Heads of School Committee or other committees in College as may be required.

5) To monitor, review and report on all aspects of the Bologna process as it relates to postgraduate studies, including European Credit Transfer Systems (ECTS).

6) To advise on the promotion of postgraduate programmes.

7) To consider and make appropriate changes to the University Calendar Part 2.

8) To set up the Appeals Committee for Graduate Students as required.

9) To set up the Higher Doctorates Sub-committee as required.
## II. LIST OF HIGHER DEGREE AND GRADUATE COURSES (ALPHABETICAL)

<table>
<thead>
<tr>
<th>Course</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor in Divinity (B.D.)</td>
<td>61</td>
</tr>
<tr>
<td>Doctor in Medicine (M.D.)</td>
<td>177</td>
</tr>
<tr>
<td>Doctorate in Clinical Psychology (D.Clin.Psych.)</td>
<td>63</td>
</tr>
<tr>
<td>Doctorate in Counselling Psychology (D.Couns.Psych.)</td>
<td>65</td>
</tr>
<tr>
<td>Higher Diploma courses</td>
<td></td>
</tr>
<tr>
<td>Children’s Nursing</td>
<td>228</td>
</tr>
<tr>
<td>Education (Primary Teaching)</td>
<td>146</td>
</tr>
<tr>
<td>Midwifery</td>
<td>229</td>
</tr>
<tr>
<td>Psychology</td>
<td>147</td>
</tr>
<tr>
<td>Master in Business Administration (M.B.A.)</td>
<td>61</td>
</tr>
<tr>
<td>Master in Dental Science (M.Dent.Sc.)</td>
<td>178</td>
</tr>
<tr>
<td>Master in Education (M.Ed.)</td>
<td>69</td>
</tr>
<tr>
<td>Science Education</td>
<td>69</td>
</tr>
<tr>
<td>Educational Guidance and Counselling</td>
<td>69</td>
</tr>
<tr>
<td>Educational Leadership and Management</td>
<td>69</td>
</tr>
<tr>
<td>Special Education</td>
<td>69</td>
</tr>
<tr>
<td>Aggression Studies</td>
<td>69</td>
</tr>
<tr>
<td>Drama in Education</td>
<td>69</td>
</tr>
<tr>
<td>Foundation Studies</td>
<td>69</td>
</tr>
<tr>
<td>Master in Engineering (M.A.I.)</td>
<td>150</td>
</tr>
<tr>
<td>Master in Engineering (M.A.I.) Recurrent Education</td>
<td>150</td>
</tr>
<tr>
<td>Master in Laws (L.L.M.)</td>
<td>71</td>
</tr>
<tr>
<td>Master in Obstetrics (M.A.O.)</td>
<td>179</td>
</tr>
<tr>
<td>Master in Philosophy (M.Phil.) Courses</td>
<td></td>
</tr>
<tr>
<td>Applied Linguistics</td>
<td>98</td>
</tr>
<tr>
<td>Classics</td>
<td>99</td>
</tr>
<tr>
<td>Comparative Literature</td>
<td>100</td>
</tr>
<tr>
<td>Creative Writing</td>
<td>101</td>
</tr>
<tr>
<td>Early Irish</td>
<td>102</td>
</tr>
<tr>
<td>English Language Teaching</td>
<td>105</td>
</tr>
<tr>
<td>Ethnic and Racial Studies</td>
<td>106</td>
</tr>
<tr>
<td>European Studies</td>
<td>107</td>
</tr>
<tr>
<td>Film Theory and History</td>
<td>108</td>
</tr>
<tr>
<td>Gender and Women’s Studies</td>
<td>109</td>
</tr>
<tr>
<td>German Literature with Language Pedagogy</td>
<td>110</td>
</tr>
<tr>
<td>Irish Art History</td>
<td>111</td>
</tr>
<tr>
<td>Irish Film, Music and Theatre</td>
<td>112</td>
</tr>
<tr>
<td>Irish Writing</td>
<td>113</td>
</tr>
<tr>
<td>Linguistics</td>
<td>114</td>
</tr>
<tr>
<td>Literary Translation</td>
<td>116</td>
</tr>
<tr>
<td>Literatures of the Americas</td>
<td>117</td>
</tr>
<tr>
<td>Medieval History</td>
<td>118</td>
</tr>
<tr>
<td>Medieval Language, Literature and Culture</td>
<td>119</td>
</tr>
<tr>
<td>Modern Irish History</td>
<td>120</td>
</tr>
<tr>
<td>Music and Media Technologies</td>
<td>122,167</td>
</tr>
<tr>
<td>Musicology and Music Theory</td>
<td>123</td>
</tr>
<tr>
<td>Popular Literature</td>
<td>127</td>
</tr>
<tr>
<td>Psychoanalytic Studies</td>
<td>128</td>
</tr>
<tr>
<td>Reconciliation Studies</td>
<td>128</td>
</tr>
<tr>
<td>Reformation and Enlightenment Studies</td>
<td>130</td>
</tr>
<tr>
<td>Social Work Research</td>
<td>132</td>
</tr>
<tr>
<td>Speech and Language Processing</td>
<td>132</td>
</tr>
</tbody>
</table>
Textual and Visual Studies: Twentieth and Twenty-First Centuries

Theatre and Performance

Master in Philosophy (Ecumenics) (M.Phil.(Ecum.))

Master in Philosophy (Peace Studies) (M.Phil.(Peace Studies))

Master in Science (Studies) (M.Sc. (St.)) Courses

Applied Psychology
Applied Social Research
Biodiversity and Conservation
Bioengineering
Biomedical Sciences (Intercalated)
Cardiology
Cardiovascular Rehabilitation and Prevention
Chemical and Biological Techniques
Child and Adolescent Psychoanalytic Psychotherapy
Child Protection and Welfare
Civil Engineering
Clinical Chemistry
Clinical Speech and Language Studies
Clinical Supervision
Community Pharmacy
Comparative European Politics
Computer Science (Interactive Entertainment Technology)
Computer Science (Mobile and Ubiquitous Computing)
Computer Science (Networks and Distributed Systems)
Counselling Psychology
Drug and Alcohol Policy
Economic Policy Studies
Economics
Electronic Engineering
Engineering (by module)
Environment and Development
Environmental Sciences
Exercise Physiology
Finance
Gerontological Nursing
Global Health
Health Informatics
Health Services Management
High Performance Computing
Hospital Pharmacy
Integrated Systems Design
Interactive Digital Media
International Management
Management of Information Systems
Mechanical Engineering (Erasmus Mundus)
Medical Imaging
Mental Health
Midwifery
Molecular Medicine
Molecular Pathology
Neuroscience
Nursing
Occupational Therapy
Palliative Care
Pharmaceutical Analysis
Pharmaceutical Manufacturing Technology
Pharmaceutical Medicine
<table>
<thead>
<tr>
<th>Programmes</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pharmaceutical Technology</td>
<td>207</td>
</tr>
<tr>
<td>Physical Sciences in Medicine</td>
<td>209</td>
</tr>
<tr>
<td>Psychoanalytic Psychotherapy</td>
<td>210</td>
</tr>
<tr>
<td>Psychology (Applied Behaviour Analysis)</td>
<td>97</td>
</tr>
<tr>
<td>Respiratory Physiotherapy</td>
<td>211</td>
</tr>
<tr>
<td>Sports and Exercise Medicine</td>
<td>212</td>
</tr>
<tr>
<td>Technology and Learning</td>
<td>98, 166</td>
</tr>
<tr>
<td>Master in Science (Management) Programmes</td>
<td></td>
</tr>
<tr>
<td>Business Administration Programme</td>
<td>72</td>
</tr>
<tr>
<td>International Business Programme</td>
<td>73</td>
</tr>
<tr>
<td>Management Practice Programme</td>
<td>73</td>
</tr>
<tr>
<td>Organisational Behaviour Programme</td>
<td>74</td>
</tr>
<tr>
<td>Strategic Management Programme</td>
<td>75</td>
</tr>
<tr>
<td>Master in Social Work (M.S.W.)</td>
<td>76</td>
</tr>
<tr>
<td>Master in Surgery (M.Ch.)</td>
<td>179</td>
</tr>
<tr>
<td>Master of Studies (M.St.) in School Leadership and Educational Studies</td>
<td>78</td>
</tr>
<tr>
<td>Postgraduate Diploma Courses</td>
<td></td>
</tr>
<tr>
<td>Applied Behaviour Analysis</td>
<td>136</td>
</tr>
<tr>
<td>Applied Building Repair and Conservation</td>
<td>168</td>
</tr>
<tr>
<td>Applied Linguistics</td>
<td>137</td>
</tr>
<tr>
<td>* Biodiversity and Conservation</td>
<td>168</td>
</tr>
<tr>
<td>Bioengineering</td>
<td>169</td>
</tr>
<tr>
<td>* Biomedical Sciences (Intercalated)</td>
<td>213</td>
</tr>
<tr>
<td>* Cardiovascular Rehabilitation and Prevention</td>
<td>213</td>
</tr>
<tr>
<td>* Chemical and Biological Techniques</td>
<td>169</td>
</tr>
<tr>
<td>Child Protection and Welfare</td>
<td>137</td>
</tr>
<tr>
<td>* Civil Engineering</td>
<td>169</td>
</tr>
<tr>
<td>* Classics</td>
<td>138</td>
</tr>
<tr>
<td>* Clinical Chemistry</td>
<td>213</td>
</tr>
<tr>
<td>Clinical Dentistry</td>
<td>213</td>
</tr>
<tr>
<td>Clinical Engineering (Equipment Management)</td>
<td>214</td>
</tr>
<tr>
<td>Clinical Health Sciences Education</td>
<td>215</td>
</tr>
<tr>
<td>Clinical Speech and Language Studies (Dysphagia)</td>
<td>138</td>
</tr>
<tr>
<td>Clinical Supervision (Psychology)</td>
<td>139</td>
</tr>
<tr>
<td>Cognitive Psychotherapy</td>
<td>216</td>
</tr>
<tr>
<td>Community Pharmacy</td>
<td>218</td>
</tr>
<tr>
<td>* Comparative European Politics</td>
<td>140</td>
</tr>
<tr>
<td>* Computer Science (Interactive Entertainment Technology)</td>
<td>169</td>
</tr>
<tr>
<td>* Computer Science (Mobile and Ubiquitous Computing)</td>
<td>169</td>
</tr>
<tr>
<td>* Computer Science (Networks and Distributed Systems)</td>
<td>169</td>
</tr>
<tr>
<td>Computers for Engineers</td>
<td>169</td>
</tr>
<tr>
<td>Conflict and Dispute Resolution Studies</td>
<td>140</td>
</tr>
<tr>
<td>Conscious Sedation in Dentistry</td>
<td>218</td>
</tr>
<tr>
<td>Construction Law and Contract Administration</td>
<td>170</td>
</tr>
<tr>
<td>Continuing Education Programme in Statistics</td>
<td>175</td>
</tr>
<tr>
<td>Continuing Professional Development</td>
<td>141</td>
</tr>
<tr>
<td>* Economics</td>
<td>142</td>
</tr>
<tr>
<td>* Ecumenics</td>
<td>142</td>
</tr>
<tr>
<td>Education</td>
<td>142</td>
</tr>
<tr>
<td>* Educational Studies</td>
<td>143</td>
</tr>
<tr>
<td>* English Language Teaching</td>
<td>143</td>
</tr>
<tr>
<td>* Environment and Development</td>
<td>170</td>
</tr>
<tr>
<td>Environmental Engineering</td>
<td>170</td>
</tr>
<tr>
<td>* Environmental Sciences</td>
<td>171</td>
</tr>
<tr>
<td>* Exercise Physiology</td>
<td>219</td>
</tr>
<tr>
<td>Fire Safety Practice (Buildings and other Structures)</td>
<td>171</td>
</tr>
<tr>
<td>* Gender and Women’s Studies</td>
<td>143</td>
</tr>
<tr>
<td>Course</td>
<td>Year(s)</td>
</tr>
<tr>
<td>------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>German Literature with Language Pedagogy</td>
<td>144</td>
</tr>
<tr>
<td>Gerontological Nursing</td>
<td>219</td>
</tr>
<tr>
<td>Gynaecology and Obstetrics</td>
<td>220</td>
</tr>
<tr>
<td>Health and Safety in Construction</td>
<td>172</td>
</tr>
<tr>
<td>Health Informatics</td>
<td>172,221</td>
</tr>
<tr>
<td>High Performance Computing</td>
<td>172</td>
</tr>
<tr>
<td>Highway and Geotechnical Engineering</td>
<td>173</td>
</tr>
<tr>
<td>Integrated Systems Design</td>
<td>173</td>
</tr>
<tr>
<td>Irish Writing</td>
<td>144</td>
</tr>
<tr>
<td>Linguistics</td>
<td>144</td>
</tr>
<tr>
<td>Management</td>
<td>144</td>
</tr>
<tr>
<td>Management of Information Systems</td>
<td>173</td>
</tr>
<tr>
<td>Medical Imaging</td>
<td>221</td>
</tr>
<tr>
<td>Mental Health</td>
<td>221</td>
</tr>
<tr>
<td>Midwifery</td>
<td>221</td>
</tr>
<tr>
<td>Modern Irish History</td>
<td>145</td>
</tr>
<tr>
<td>Molecular Medicine</td>
<td>222</td>
</tr>
<tr>
<td>Music and Media Technologies</td>
<td>145,173</td>
</tr>
<tr>
<td>Old Irish</td>
<td>145</td>
</tr>
<tr>
<td>Oncological Nursing</td>
<td>223</td>
</tr>
<tr>
<td>Palliative Care</td>
<td>224</td>
</tr>
<tr>
<td>Peace Studies</td>
<td>145</td>
</tr>
<tr>
<td>Pharmaceutical Analysis</td>
<td>224</td>
</tr>
<tr>
<td>Pharmaceutical Manufacturing Technology</td>
<td>224</td>
</tr>
<tr>
<td>Pharmaceutical Medicine</td>
<td>224</td>
</tr>
<tr>
<td>Pharmaceutical Technology</td>
<td>225</td>
</tr>
<tr>
<td>Physical Planning</td>
<td>173</td>
</tr>
<tr>
<td>Physical Sciences in Medicine</td>
<td>225</td>
</tr>
<tr>
<td>Professional Midwifery Studies</td>
<td>225</td>
</tr>
<tr>
<td>Professional Nursing Studies</td>
<td>225</td>
</tr>
<tr>
<td>Project Management</td>
<td>174</td>
</tr>
<tr>
<td>Psychoanalytic Studies</td>
<td>145</td>
</tr>
<tr>
<td>Reconciliation Studies</td>
<td>145</td>
</tr>
<tr>
<td>Reformation and Enlightenment Studies</td>
<td>145</td>
</tr>
<tr>
<td>Respiratory Physiotherapy</td>
<td>225</td>
</tr>
<tr>
<td>Social Work</td>
<td>145</td>
</tr>
<tr>
<td>Specialised Technology</td>
<td>175</td>
</tr>
<tr>
<td>Specialist Nursing</td>
<td>225</td>
</tr>
<tr>
<td>Speech and Language Processing</td>
<td>146</td>
</tr>
<tr>
<td>Statistics</td>
<td>175</td>
</tr>
<tr>
<td>Technology and Learning</td>
<td>146,175</td>
</tr>
</tbody>
</table>

* Direct entry is not possible to this postgraduate diploma course.
III. IMPORTANT DATES

REGISTRATION

September
Registration for all Postgraduate Students  17th and 18th September 2009
Orientation Meeting for New Postgraduate Students  18th September 2009
Last date for Registration without a charge  9th October 2009

April
New Entrant Registration and
Continuing Registration  From 15th March 2010
Last date for Registration without a charge  7th April 2010

N.B. Registration may proceed only when all outstanding fees and other charges have
been paid and received by College.

AWARDS (closing dates for application)

Postgraduate Research Studentships  1st May 2010
Utshers Awards  1st May 2010

TRAVEL GRANTS

Trinity Trust Travel Grants and Graduate Studies Research Travel Fund

For travel between:  Deadline for receipt of application:
15th September - 14th December  1st September 2009
15th December - 14th March  1st December 2009
15th March - 14th June  1st March 2010
15th June - 14th September  1st June 2010
IV. TRINITY COLLEGE DUBLIN – ACADEMIC STRUCTURE 2009/2010

(Please note that the definitive academic structure appears in the University of Dublin Calendar Part 1 2009/2010)

Faculty of Arts, Humanities and Social Sciences

School of Business
School of Drama, Film and Music
  Drama and Theatre Studies
  Music
School of Education
School of English
School of Histories and Humanities
  Centre for Gender and Women’s Studies
  Classics
  History
  History of Art
School of Languages, Literatures and Cultural Studies
  European Studies
  French
  Germanic Studies
  Hispanic Studies
  Irish and Celtic Languages
  Italian
  Russian and Slavonic Studies
School of Law
School of Linguistic, Speech and Communication Sciences
  Centre for Language and Communication Studies
  Clinical Speech and Language Studies
School of Psychology
School of Religions, Theology and Ecumenics*
  Irish School of Ecumenics
  Religions and Theology
School of Social Sciences and Philosophy
  Economics
  Philosophy
  Political Science
School of Social Work and Social Policy

* School title pending approval by the University Council

Faculty of Engineering, Mathematics and Science

School of Biochemistry and Immunology
School of Chemistry
  Inorganic and Synthetic Materials Chemistry
  Organic, Medicinal and Biological Chemistry
  Physical, Computational and Materials Chemistry
School of Computer Science and Statistics
  Computer Science
  Statistics
School of Engineering
  Civil, Structural and Environmental Engineering
Electronic and Electrical Engineering
Mechanical and Manufacturing Engineering
School of Genetics and Microbiology
Genetics
Microbiology
School of Mathematics
School of Natural Sciences
Botany
Geography
Geology
Zoology
Trinity Centre for the Environment
School of Physics

Faculty of Health Sciences

School of Dental Science
Oral Surgery, Oral Medicine and Oral Pathology
Public and Child Dental Health
Restorative Dentistry and Periodontology
School of Medicine
Anatomy
Clinical Biochemistry
Clinical Medicine
Clinical Microbiology
Haematology
Health Services Management
Histopathology and Morbid Anatomy
Immunology
Medical Gerontology
Nutrition and Dietetic Studies
Obstetrics and Gynaecology
Occupational Therapy
Paediatrics
Pharmacology and Therapeutics
Physiology
Physiotherapy
Psychiatry
Public Health and Primary Care
Radiation Therapy
Surgery
School of Nursing and Midwifery
School of Pharmacy and Pharmaceutical Sciences
1. GENERAL ACADEMIC REGULATIONS FOR GRADUATE STUDIES AND HIGHER DEGREES

1.1 Terminology and layout defined: For the purposes of this, the second part of the University Calendar, graduate students are differentiated into a number of administrative groupings.

The first group contains those undertaking research degrees. The regulations pertaining specifically to this group of graduate students are contained in Section 2. This group has two subdivisions:

(i) those graduate students undertaking a M.Litt., M.Sc. by research or Ph.D. form one subdivision. These graduate students’ programmes of study may include some taught elements. Though a graduate student’s progression through one of the aforementioned programmes may be determined by successful completion of taught assignments, award of the degree is made solely on the basis of successful examination of a thesis, that examination being undertaken by a unique combination of external and internal examiners, appointed by the College.

In November 2007, the University Senate approved a new degree award of Master in Science (Research) with a Latin title Magister in Scientiis (Indagatio) [M.Sc. (Ind.)] for implementation from 2007/08.

(ii) candidates who have made an outstanding contribution to their chosen field of research may be eligible to apply for a higher doctorate degree by published research (i.e. Litt.D., Sc.D., D.D., LL.D., and Mus.D.) and form the second subdivision.

The next group contains graduate students undertaking a taught postgraduate programme. Programmes of study for these graduate students may involve them in research activity and the production of a dissertation of a minor or major nature; however, the dissertations so produced are examined, essentially, by a court of examiners wherein an external examiner is appointed by the College to examine the course as a whole. The regulations pertaining specifically to this group of graduate students are contained in Sections 3 and 6.

In November 2007, the University Senate approved a new degree award of Master in Science (Studies) with a Latin title Magister in Scientiis (Studia) [M.Sc. (St.)] for implementation from 2007/08.

A further grouping of graduate students contains those who undertake higher professional degrees. The programme of study for these graduate students also may involve taught programmes as well as production of a dissertation. The regulations pertaining specifically to this group of graduate students are contained in Sections 4 and 6.

The boundary between the pure research and taught groupings is not absolute. Programmes of study may not clearly fit into any of the groupings above as they contain significant research and taught elements. In these cases it may be difficult to determine whether graduate students are undertaking a taught programme with a significant research element or a research programme with a significant taught element. For courses deemed appropriate by the Dean of Graduate Studies and the Graduate Studies Committee the progress of such graduate students may be governed by the appropriate paragraphs of the appropriate sections of the regulations depending on the designated activity of the graduate student at the time (i.e. Sections 2, 3 and 6).

One-year graduate students not reading for a higher degree fall outside of these categories and, as befits their individually tailored programme of study, are governed by the appropriate paragraphs of the appropriate section(s) of the regulations outlined below.

This part of the University Calendar has 10 Sections as follows:

Section 1 General Academic Regulations for Graduate Studies and Higher Degrees
Section 2 Regulations for Higher degrees by Research Only
Section 3 General Regulations for Taught Graduate Courses
Section 4 Regulations for Professional Higher and Other Degrees
Section 5 Other General Regulations
Section 6 Specific Regulations for Taught Graduate Courses by Faculty
The regulations in Sections 1 and 8 apply to all graduate students in College; those in other sections apply as appropriate. In general within each section the regulations are arranged to correspond to issues that may arise as a postgraduate student progresses through the University. However, the regulations governing the presentation of theses/dissertations are placed at the end of Section 1, rather than in the middle, so that they may be easily found.

1.2 The Dean of Graduate Studies and the Graduate Studies Committee

The regulations for higher degrees are administered by the Dean of Graduate Studies who acts in conjunction with the Graduate Studies Committee, the Deans of Faculties, the Heads of Schools, Directors of Teaching and Learning (Postgraduate), and committees of various professional schools.

The Dean is responsible for convening meetings of the Graduate Studies Committee and transmitting the decisions and views of the Committee to the University Council and Board. The Dean of Graduate Studies is also responsible for the allocation of College research awards.

The Graduate Studies Committee is a Committee of the University Council and acts as an advisory committee to the Dean and to the Council. Its membership is not fixed by Statute but following the Board decision in January 2005, it consists of the Directors of Teaching and Learning (Postgraduate) in the Schools in College. In addition the committee includes two elected representatives from the Graduate Students’ Union, the Dean of Research as an ex officio member; the Keeper of Readers’ Services is in attendance as an ex officio member and a representative of Information System Services is also in attendance. In order to accommodate current or forthcoming academic developments the Dean of Graduate Studies may propose to augment the committee through nomination to it, annually, of two non-voting members.

1.3 Academic year and terms 2009-2010

The academic year begins on 31st August 2009. It is divided into three terms, Michaelmas term (31st August – 18th December), Hilary term (18th January – 9th April), Trinity term (12th April – 2nd July). The period in Michaelmas term and Hilary term during which instruction is given is called teaching term.

1.4 Public and other holidays within academic terms

On the following days (which may fall within the academic terms) no lectures, demonstrations or examinations are held: St Patrick’s Day, Good Friday, Easter Monday, May Monday, June Monday, October Monday, together with the Monday and the afternoon of the Wednesday of Trinity Week. All offices and libraries remain open on Trinity Monday.

1.5 Language of Instruction

The language of instruction and communication at the University is English, and all applicants whose first language is not English and who have not been educated through the medium of English must present one of the following qualifications in the English Language:

<table>
<thead>
<tr>
<th>Examination</th>
<th>Minimum Level Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>IELTS</td>
<td>Grade 6.5</td>
</tr>
<tr>
<td>TOEFL</td>
<td>230 – computer-based</td>
</tr>
<tr>
<td></td>
<td>570 – paper-based</td>
</tr>
<tr>
<td>Cambridge Certificate of Advanced English</td>
<td>Grade C</td>
</tr>
<tr>
<td>Cambridge Certificate of Proficiency in English</td>
<td>Grade C</td>
</tr>
</tbody>
</table>
1.6 Application

Before entry to a research programme leading to a higher degree, application for registration as a graduate student must be made to the Dean of Graduate Studies or the graduate programme director, as stated in the relevant Postgraduate Prospectus, on the prescribed form, accompanied by the appropriate annual academic year application fee and two academic references.

Before entry to a taught course of study leading to a Masters degree or postgraduate or higher diploma, application for registration as a graduate student must be made on line via the Postgraduate Applications Centre: http://www.pac.ie/.

Submissions for a higher doctorate degree by published research (Doctor in Divinity (D.D.), Doctor in Laws (L.L.D.), Doctor in Letters (Litt.D.), Doctor in Music (Mus.D.) and Doctor in Science (Sc.D.)) are made to the Dean of Graduate Studies by 1 September.

1.7 Admission

The right to admit applicants to the Graduate Studies register rests with the Dean, who is guided by the Director of Teaching and Learning (Postgraduate) in the School in which the prospective students wish to pursue their research, or by the Course Coordinator/Director for graduate courses in consultation with the appropriate Director of Teaching and Learning (Postgraduate). Admission criteria are given under individual entries in Sections 2, 3, 4 and 6.

1.8 Registration

Registered graduate students are members of the University and are entitled to similar rights and privileges as undergraduate students.

All graduate students are required to attend for registration in the Examination Hall on 17th September and 18th September 2009. Graduate students admitted to the appropriate postgraduate register on 1st April must register in the Student Records Office commencing 15th March 2010 and, where continuing registration is required, should re-register by the same date annually.

Students who qualify for postal registration must apply in writing to the Student Records Office who will send postal registration forms to applicants after the appropriate fees have been paid.

A charge of €212 will be imposed for late registration (i.e. after 9th October 2009), increasing to €358 after 30th October 2009. If late registration has not been completed by 18th December 2009, graduate students must apply for re-admission to College and pay a replacement fee of €358. Graduate students must apply to the Dean of Graduate Studies for formal permission for re-admission.

In the case of graduate students admitted to the appropriate postgraduate register on 1st April, a charge of €212 will be imposed for registration after 7th April 2010. If late registration has not been completed by 21st April 2010, graduate students must apply for re-admission to College and pay a replacement fee of €358.

It should be noted that registration cannot be completed until any debts owing to the College have been paid and until fees for the forthcoming year have been paid, or pledged as payable by an education authority. Late registration and replacement charges will be enforced.

1.9 Registration for a second degree/postgraduate diploma/additional module(s)

A graduate student may not normally be registered on the undergraduate and postgraduate registers of the University at the same time.

Normally graduate students registered for one postgraduate course in the University cannot apply to register for a second. However, when a second course (or an additional module) will be of academic benefit to a graduate student’s research through its complement to a first course, the graduate student may make a case to the Dean of Graduate Studies to be allowed to register simultaneously for the second course (or make a case to the supervisor to be allowed to take up the additional module). The second course must not be a full-time degree course. The Dean of Graduate Studies may refer such cases, as necessary, to the Graduate Studies Committee. If permission is granted to register for
two courses (or additional modules) simultaneously, only one fee is payable, that which is the higher of the two.

When, during the period of research, graduate students wish to register in another institution for a course of study related to their research, they should apply to the Dean of Graduate Studies for permission to go off-register for the length of their registration in the other institution.

1.10 Awarding of the same degree twice

The University awards a degree with a particular generic title only once. Therefore, if, for example, a student is conferred with an M.Phil. they cannot then be conferred with a second M.Phil. for a subsequent course, even if it is in another discipline.

1.11 Part-time Registration

Part-time registration is permitted under certain circumstances. Details of the requirements are given, as appropriate, in Sections 2 (research degrees), 3 and 6 (taught courses) and 4 and 6 (professional higher and other degrees).

1.12 Good Research Practice

Upon admittance to their programme, students are required to familiarise themselves with the College policy document ‘Good Research Practice’ and undertake upon registration to abide by its conditions for the duration of their study. The document is available on the website at:
http://www.tcd.ie/research_innovation/research/internal/documents.php

1.13 Acceptance of Regulations

During the registration process, all graduate students must sign their registration form to confirm, among other things, that they have received a copy of the Board’s general regulations for graduate students (i.e. these regulations); that they have accepted that their conduct in respect of College is governed by these regulations and that they are applying for registration in accordance with the provisions of such regulations. Graduate students must ensure that they are familiar with both the general regulations and the more detailed School regulations. Graduate Students should note in particular the regulations relating to student discipline in Section 5.

In the event of any conflict or inconsistency between the general regulations and local handbooks, the provisions of the general regulations shall prevail.

1.14 Garda Vetting Policy

Students on courses with clinical or other professional placements may be required to undergo Garda vetting procedures prior to commencing placements. If, as a result of the outcome of the Garda vetting procedures, a student is deemed unsuitable to attend clinical or other professional placement, he/she may be required to withdraw from his/her course. Students should also be aware, that given the duration of degree programmes, the University reserves the right, at its discretion, to require certain groups of students to undergo a further Garda Vetting process or alternatively to provide an enhanced disclosure by the completion of an affidavit during the course of their degree programme.

1.15 Change of Address

Registered graduate students must immediately inform the Student Records Office by filling in the Change of Address form available from Student Records, and inform their Director of Teaching and Learning (Postgraduate) of change of address, and ensure that contact can be maintained with them.

1.16 Annual Fees

A portion of the postgraduate fees section of the College Calendar Part 1 is reproduced for information purposes in Section 9. The College Calendar Part 1 must therefore be consulted for a definitive list of annual fees.
As approved by Board on 3 December 2003, applications for admission are classified as EU applications or non-EU applications for the purpose of fee payment. An EU application is one made by a person who fulfils one or more of the following criteria:

a) who is ordinarily resident in the EU and who has received full-time further or higher education in the EU for three of the five years immediately preceding admission; or
b) who is ordinarily resident in the EU and has worked full-time in the EU for three of the five years immediately preceding admission; or
c) who holds a passport from an EU State and has received full-time further or higher education in the EU for three of the five years immediately preceding admission.

Applications from children of
a) EU government officials living abroad,
b) Semi-state officials who are on assignment in countries outside the EU
c) Volunteer development workers, and
d) Certain EU officials as approved by the Department of Foreign Affairs are treated as EU applications.

All other applications are considered to be non-EU applications. Students who have had periods of residence outside the EU are required to provide documentary evidence for their claim for EU fee status. This evidence must be presented with the application.

A student’s registered status (EU/non-EU) cannot be changed during a programme for which s/he is registered. Note that full-time education in the EU does not in itself constitute ordinary residence.

To be admitted to the postgraduate register in October graduate students must pay the prescribed fee by 31st August, or within seven days of being notified of their acceptance on the register (if notified after 24th August). Students accepted on the register at 1st April must pay the prescribed fee by that date. Continuing graduate students must pay the prescribed annual fee before the due date prior to their date of registration. Students must continue to pay the prescribed annual fee and register each year until (i) in the case of graduate students registered for a degree by research only and for graduate students undertaking a who is ordinarily resident in the EU and has submitted their thesis to the Graduate Studies Office for examination and the examination process has been completed or (ii) in the case of graduate students registered for a Masters course, have formally completed their course requirements and submitted their dissertation for examination or (iii) in the case of Postgraduate Diploma students, their course is completed.

EU fee paying graduate students who are liable for the full annual tuition fee may take the option of paying their annual tuition fees in two instalments. Non-EU fee paying graduate students must pay their annual tuition fee in full prior to registration. The amount payable will be as set out on each individual graduate student's fee payment form. The second instalment will be payable by 1st February (1st August for graduate students who register in April). Payment after this date will be subject to a late charge of €212. If fees are still unpaid after four weeks from the due date a replacement fee of €358 will apply. The second instalment is payable automatically.

1.17 Attendance and off-books

Normally, all graduate students should enter into residence in or near Dublin. In exceptional circumstances the Dean of Graduate Studies, after consultation with the graduate student's Supervisor, appropriate Course Co-ordinators/Directors, may permit a graduate student to undertake a significant portion of the work for their degree or postgraduate diploma outside Dublin (See Sections 2, 3 and 6).

Normally, graduate students must pursue their course continuously. In exceptional circumstances the Dean of Graduate Studies, after consultation with the graduate student's Supervisor and/or appropriate Course Co-ordinators/Directors, may permit graduate students to go ‘off-books’ (i.e. off-register) where to do so in the judgement of the Dean of Graduate Studies is in the best interests of the graduate student. Application to go off-books should be made to the Dean of Graduate Studies via the student’s Supervisor/Course Co-ordinator or the relevant Director of Teaching and Learning (Postgraduate). During the period of interruption graduate students are not required to pay fees. Consequently they will
not have a student card during this period and will not have access rights to the college library or other college facilities.

“Off-books” permission is given for a definite period. A re-admission request from the student to the Dean of Graduate Studies is required prior to re-registration if permission has been granted for medical reasons. Students who for reasons of ill-health, or other grave cause, have been allowed to go off books can only be re-admitted, even in the current academic year, at the discretion of the Dean of Graduate Studies, who may require a satisfactory certificate from a medical referee nominated by him/her. Permission for an “off-books” period is given for a definite duration and the onus is on the student to ensure that they resume their studies at the designated time as otherwise they will be considered “withdrawn” from the course.

Details of the attendance requirements are given, as appropriate, in Sections 2 (research degrees) and 3 (taught courses).

1.18 Extensions and “Dean’s Grace”

Details are given, as appropriate, in Sections 2 (research degrees), 3 (taught courses) and 4 (professional higher and other degrees). “Dean’s Grace” extension for one month only (free of fees) to submit a thesis/dissertation may be requested from the Dean of Graduate Studies by the student’s Supervisor/Course Co-ordinator prior to the deadline of the student’s annual registration.

1.19 Maternity, Paternity and Adoptive Leave

Full-time female graduate students undertaking a thesis/dissertation may seek and be granted 26 consecutive weeks maternity leave subject to the following conditions:

a) the maternity leave must commence not later than 2 weeks before the expected date of birth and end not earlier than 4 weeks after the expected date of birth.

b) the graduate student must notify her Supervisor/Course Co-ordinator in writing as soon as reasonably practicable, but not later than 4 weeks before the commencement of maternity leave, of her intention to take maternity leave. Additionally, not later than the time of the above notification, she is obliged to supply the Supervisor/Course Co-ordinator with a medical certificate confirming the pregnancy and specifying the expected date of birth. The Supervisor/Course Co-ordinator must then immediately forward her request for leave to the Dean of Graduate Studies.

A graduate student undertaking a thesis/dissertation may, if she chooses, take up to 4 consecutive weeks additional maternity leave immediately after her maternity leave subject to the following condition: she should give reasonable notice to her Supervisor/Course Co-ordinator of her intention to do so at the same time as she gives notification of her intention to take maternity leave. The Supervisor/Course Co-ordinator must inform the Dean of Graduate Studies of the graduate student’s intention.

Graduate students on maternity leave will be considered to be ‘off-books’ and appropriate adjustments will be made in relation to their submission dates and completion times.

Paternity leave for male graduate students on the postgraduate register is available by application to the Dean of Graduate Studies on ad misericordiam grounds relating to the pregnancy of their partner for a maximum of 4 weeks only. Students requiring more extended periods must apply to go ‘off-books’ (see this Section Paragraph 1.17).

Adoptive leave of 16 weeks duration is available to adoptive mothers from the time the child is placed with the parents. Adoptive fathers may also apply for adoptive leave of 4 weeks duration. The graduate student must notify her/his Supervisor/Course Co-ordinator in writing as soon as reasonably practicable, but normally not later than 4 weeks before the commencement of adoptive leave, of her/his intention to take adoptive leave. The Supervisor/Course Co-ordinator must then immediately forward her/his request for leave to the Dean of Graduate Studies.

Students undertaking a taught course or an obligatory taught element of another class of degree and who seek and are granted maternity or adoptive leave will be placed off-books for that course, being allowed to return to it at the first available opportunity (normally either in a year’s time for full-time courses or in two years time for part-time courses). Such graduate students must inform their Course Co-ordinator/Director of their
pregnancy who must, in turn, immediately forward the request for leave to the Dean of Graduate Studies.

1.20 **Coursework**

Students may be required to perform coursework as part of the requirements of their course of study. The assessment of coursework may be based on the writing of essays, the setting of tests and assessments, attendance at practical classes and field trips, the keeping and handing in of practical books, the carrying out of laboratory or field projects, and the satisfactory completion of professional placements. The Faculty, School or department, whichever is appropriate, publishes its requirements for satisfactory performance of coursework on Faculty or School notice-boards and/or in handbooks and/or other course materials, as appropriate.

1.21 **Examinations excluding theses and dissertations**

Details of the examination requirements and procedures are presented in Sections 3, 4 and 6. Further details are obtainable from the appropriate course handbook. The following information relates to all examination results:

1. All postgraduate examination results are published under a student's registered name.
2. Students who successfully complete their course will have the qualification, where appropriate, awarded under their registered name and within class.

1.22 **Conduct of examinations (excluding viva voce)**

Candidates for examination are forbidden to bring into an examination hall or have in their possession during an examination any books, papers, notes, memoranda and/or written or electronic material of any nature. They are also forbidden to copy from or exchange information with other persons or in any way to make use of any information improperly obtained. Any breach of this regulation is regarded as a major offence for which a graduate student may be expelled from the University (see Section 5, paragraph 5.2). Candidates are permitted to bring non-programmable calculators into the examination hall.* Candidates must not leave the hall before the time specified for the examination has elapsed, except by leave of the invigilator. Examinations or other exercises which are part of continuous assessment are subject to the same rules as other College examinations. Examinations undertaken remotely (i.e. electronically) are also subject to the same rules as other College examinations. Where submitted work is part of a procedure of assessment, plagiarism is similarly regarded as a major offence and is liable to similar penalties (see Paragraph 1.25).

* The College has approved in principle a regulation requiring that only approved models of calculators can be used in examinations. When this regulation becomes effective, students will be required to use an approved model.

1.23 **Regulations for re-checking/re-marking and retention of examination scripts**

1. All graduate students have the right to discuss their examination and assessment performances with the appropriate academic members of staff as arranged for by the Course Coordinator/Director.
2. Graduate students are entitled to view their scripts when discussing their examinations and assessment performance.
3. Graduate students' examination performance cannot be discussed with them until after the publication of the examination results.
4. To obtain access to the breakdown of their results, graduate students should make a request to their Course Coordinator/Director.
5. Having received information about their examination and assessment results and having discussed these and their performance with the appropriate academic staff members, graduate students may request that their results be reconsidered, within four weeks of their publication, if they have reason to believe:

   a. that the grade is incorrect because of an error in calculation of results
b. that the examination paper specific to the graduate student's course contained questions on subjects which were not part of the course prescribed for the examination or 
c. that bias was shown by an examiner in marking the script.

6. In all three cases (a)-(c) above, the request will be made in the first instance to the Course Coordinator/Director, who will discuss the request with the relevant parties and attempt to find a resolution; in the case of (a) above, the decision of the Course Coordinator/Director is final.

7. In the case of (b) and (c) above, if the Course Coordinator/Director does not grant the request, the student may ask that the relevant School committee consider their request. In submitting such a case for reconsideration of results, graduate students must state under which of (b) and/or (c) the request is being made. If the student is dissatisfied with the way in which his/her request was handled, he/she may write to the Dean of Graduate Studies, clearly stating under which of (b) and/or (c) the request is being made. Once an examination result has been published it cannot be amended without the permission of the Dean of Graduate Studies.

8. All examination materials relevant to the performance of any candidate must be retained by Schools for thirteen months from the date of the meeting of the final court of examiners. Such materials will include, not only examination scripts, essays etc., but also any written information directly related to the completion and marking of any assessment exercise written or otherwise performed.

Examination scripts and other complete written assessment materials relating to work done in an earlier year that has not been finally marked and/or moderated should be retained until the work of the final Court of Examiners has been completed. In the case of students going off books, scripts for which the marks have been moderated by the Court of Examiners prior to the student going off books are not normally retained for longer than thirteen months.

1.24 Appeals process for Graduate Students

1.24.1 General. Every School will have a defined appeals process, with one or more appeals committees to hear student cases relating to decisions made at a School level. These include: i) appeals against the decision of a taught postgraduate course committee; and ii) appeals against the decision of a School research transfer/confirmation panel.

Appeals against the decision of the examiners of a research thesis will be made in the first instance to the Dean of Graduate Studies. Appeals against the decision of a School appeals committee will be made to the Dean of Graduate Studies.

Appeals by postgraduate students against the decision of the Dean of Graduate Studies will be made to the Academic Appeals Committee for Graduate Students (Taught) for taught graduate students or to the Academic Appeals Committee for Graduate Students (Research) for research graduate students - See Paragraph 1.24.7.

The Academic Appeals Committee for Graduate Students (Taught or Research) will refer its recommendation to the University Council for approval. If the Academic Appeals Committee for Graduate Students (Taught or Research) upholds a graduate student's appeal, then its recommendations must be fully implemented. Where the Academic Appeals Committee for Graduate Students (Taught or Research) cannot arrive at a decision, or where the graduate student is dissatisfied with the decision of the Committee, he/she may seek redress from the Visitor.

It should be noted that no appeals committee can overturn the examiners' academic verdict on the work as presented. Only changes of a procedural nature can be recommended. An appeal other than an ad misericordiam appeal cannot be made against the normal application of College academic regulations approved by the University Council.
1.24.2 Representation. The student is entitled to have representation appropriate to the formality of the appeal hearing – i.e., a supervisor, other appropriate academic staff member (who is not a relative), a Graduate Students’ Union representative, or an advisor from the Postgraduate Advisory Service. When the Academic Appeals Committee for Graduate Students (Taught or Research) hears an appeal, the graduate student must attend and be accompanied by an appropriate representative to support the case.

1.24.3 Conflict of Interest. Conflicts of interest will be avoided throughout all stages of the Postgraduate Appeals process (e.g., no person from the relevant course committee or an examiner or supervisor should serve on the appeals committee; when the Dean of Graduate Studies is also the supervisor, examiner or lecturer, a pro-Dean will be appointed).

1.24.4 Appealing the decision of a taught postgraduate course committee. Where a graduate student has failed on the coursework component, and feels that there are mitigating circumstances, s/he may make a request, in writing, to the Course Coordinator/Director for permission to repeat the examination(s) and/or assessment(s). The reasons for the request must be clearly stated and supported where necessary by documentary evidence. If the graduate student is granted a supplemental examination, the results of that examination will be considered to be final, i.e., repetition of the year will not be permitted.

Where a graduate student has passed the coursework component but has failed on the assessment of the dissertation (including an oral examination), and is dissatisfied with the manner in which the dissertation was examined, s/he may make a request, in writing, to the Course Coordinator/Director. The reasons for the request must be clearly stated and supported where necessary by documentary evidence.

If the Course Coordinator refuses to grant a request, the student may make an appeal to the relevant School appeals committee. If the School appeals committee refuses to grant the appeal, or the student is not satisfied with the outcome of the appeal process, he or she may appeal in writing to the Dean of Graduate Studies, clearly stating under what grounds of (i) to (iii) listed in Paragraph 1.24.7 below they are appealing and what remedy they are seeking (e.g., special supplemental exam).

If the Dean of Graduate Studies denies the appeal, the student may appeal this decision to the Academic Appeals Committee for Graduate Students (Taught) – see Paragraph 1.24.7.

1.24.5 Appealing the decision of a PhD transfer/confirmation panel. Where a transfer or confirmation panel interview has been held, and the panel has determined that a student may not transfer to, or continue on the PhD register, the student may appeal the decision of the panel in writing to the School appeals committee. The grounds for the appeal must be clearly stated and supported where necessary by documentary evidence. If the student is granted another interview, the decision of the panel in that case will be final.

If the School appeals committee refuses to grant the appeal, the student may appeal in writing to the Dean of Graduate Studies, clearly stating under what grounds of (i) to (iii) listed in Paragraph 1.24.7 below they are appealing and what remedy they are seeking (e.g., an opportunity to revise and resubmit the transfer/confirmation report). If the Dean of Graduate Studies denies the appeal, the student may appeal this decision to the Academic Appeals Committee for Graduate Students (Research) – see Paragraph 1.24.7.

1.24.6 Appealing the decision of the examiners of a research thesis. Where a viva voce examination of a thesis has been held, and the examiners’ reports state that the thesis has been referred back for extensive revision, or the award of a lower degree or outright failure is recommended, the student may appeal the decision of the examiners in writing to the Dean of Graduate Studies, clearly stating under what grounds of (i) to (iii) listed in Paragraph 1.24.7 below they are appealing and what remedy they are seeking (e.g., an opportunity to revise and resubmit the thesis). If the Dean of Graduate Studies denies the appeal, the student may appeal this decision to the Academic Appeals Committee for Graduate Students (Research) – see Section Paragraph 1.24.7.
Academic Appeals Committees for Graduate Students. The Academic Appeals Committee for Graduate Students (Taught) will consider appeals arising out of examinations, and other academic circumstances, from registered taught postgraduate students. It has the same membership as the Academic Appeals Committee for Undergraduate Students (see Calendar Part 1, General Regulations and Information). Where possible, cases relating to postgraduate students will be heard at the same times as for undergraduates. The Academic Appeals Committee for Graduate Students (Research) will consider appeals arising out of research examinations (to include the final thesis examination and the transfer/confirmation processes), and other academic circumstances, from registered research postgraduate students. The membership of the Academic Appeals Committee for Graduate Students (Taught or Research) should not include any current members of the Graduate Studies Committee.

An appeal will only be heard by the Academic Appeals Committee for Graduate Students (Taught or Research) where the student's case:

i. is not adequately covered by the ordinary regulations of the College, or
ii. is based on a claim that the regulations of the College were not properly applied in the applicant's case, or
iii. represents an ad misericordiam appeal.

Appellants must first have pursued the course of action most appropriate to their case - see paragraphs 1.24.4 to 1.24.6 above. The Academic Appeals Committee for Graduate Students (Taught or Research) will not consider appeals concerning decisions made more than 4 months previously, except in the most exceptional circumstances.

Appeals to the Academic Appeals Committee for Graduate Students (Taught or Research) must be made in writing by an appropriate representative or by the student alone. Appellants must use the correct procedural form, must indicate the precise grounds (i) to (iii) above) upon which the appeal is being made and must clearly state what remedy they are seeking (e.g., special supplemental exam, permission to repeat the transfer process, referral or reexamination of the thesis). At the hearing the Dean of Graduate Studies will attend to defend his/her decision in these cases. The graduate student must attend and is entitled to present her/his own case if this is desired, with the support of an appropriate representative.

Further information and appeal forms are available from the Graduate Studies Office.

1.25 Plagiarism

1. Plagiarism is interpreted by the University as the act of presenting the work of others as one's own work, without acknowledgement. Plagiarism is considered as academically fraudulent, and an offence against University discipline. The University considers plagiarism to be a major offence, and subject to the disciplinary procedures of the University.

2. Plagiarism can arise from deliberate actions and also through careless thinking and/or methodology. The offence lies not in the attitude or intention of the perpetrator, but in the action and in its consequences. Plagiarism can arise from actions such as:

a) copying another student's work
b) enlisting another person or persons to complete an assignment on the student's behalf
c) quoting directly, without acknowledgement, from books, articles or other sources, either in printed, recorded or electronic format
d) paraphrasing, without acknowledgement, the writings of other authors

Examples c) and d) in particular can arise through careless thinking and/or methodology where students:

(i) fail to distinguish between their own ideas and those of others
(ii) fail to take proper notes during preliminary research and therefore lose track of the sources from which the notes were drawn
(iii) fail to distinguish between information which needs no acknowledgement because it is firmly in the public domain, and information which might be widely known, but which nevertheless requires some sort of acknowledgement
(iv) come across a distinctive methodology or idea and fail to record its source.

All the above serve only as examples and are not exhaustive.

Students should submit work done in co-operation with other students only when it is done with the full knowledge and permission of the lecturer concerned. Without this, work submitted which is the product of collusion with other students may be considered to be plagiarism.

When work is submitted as the result of a Group Project, it is the responsibility of all students in the Group to ensure, in so far as possible, that no work submitted by the Group is plagiarised.

3. It is clearly understood that all members of the academic community use and build on the work of others. It is commonly accepted also, however, that we build on the work of others in an open and explicit manner, and with due acknowledgement. Many cases of plagiarism that arise could be avoided by following some simple guidelines:

a) any material used in a piece of work, of any form, that is not the original thought of the author should be fully referenced in the work and attributed to its source. The material should either be quoted directly or paraphrased. Either way, an explicit citation of the work referred to should be provided, in the text, in a footnote, or both. Not to do so is to commit plagiarism

b) when taking notes from any source it is very important to record the precise words or ideas that are being used and their precise sources

c) while the Internet often offers a wider range of possibilities for researching particular themes, it also requires particular attention to be paid to the distinction between one’s own work and the work of others. Particular care should be taken to keep track of the source of the electronic information obtained from the Internet or other electronic sources and ensure that it is explicitly and correctly acknowledged

4. It is the responsibility of the author of any work to ensure that he/she does not commit plagiarism.

5. Students should ensure the integrity of their work by seeking advice from their Lecturers, Course Co-ordinator, Director or Supervisor on avoiding plagiarism. All Schools should include, in their handbooks or other literature given to students, advice on the appropriate methodology for the kind of work that students will be expected to undertake.

6. If plagiarism as referred to in Paragraph (2) above is suspected, the Director of Teaching and Learning (Postgraduate) will arrange an informal meeting with the student, the student’s Supervisor or other appropriate representative, and the academic staff member concerned, to put their suspicions to the student and give the student the opportunity to respond.

7. If the Director of Teaching and Learning (Postgraduate) forms the view that plagiarism has taken place, he/she must decide if the offence can be dealt with under the summary procedure set out below. In order for this summary procedure to be followed, all parties noted above must be in agreement. If the facts of the case are in dispute, or if the Director of Teaching and Learning (Postgraduate) feels that the penalties provided for under the summary procedure below are inappropriate given the circumstances of the case, he/she will refer the case directly to the Junior Dean, who will interview the student and may implement the procedures set out in Section 5 (Other General Regulations).

8. If the offence can be dealt with under the summary procedure, the Director of Teaching and Learning (Postgraduate) will recommend to the Dean of Graduate Studies one of the following penalties:

a) that the piece of work in question receives a reduced mark, or a mark of zero;

or

b) if satisfactory completion of the piece of work is deemed essential for the student to rise with his/her year or to proceed to the award of a degree, the student may be required to re-submit the work. However, the student may not receive more than the minimum pass mark applicable to the piece of work on satisfactory re-submission.

28
9. Provided that the appropriate procedure has been followed and all parties above are in agreement with the proposed penalty, the Dean of Graduate Studies may approve the penalty and notify the Junior Dean accordingly. The Junior Dean may nevertheless implement the procedures set out in Section 5 (Other General Regulations).

1.26 **Academic progress**

The Board of the College reserves the right to exclude from the College, on the recommendation of the University Council, graduate students whose academic progress is unsatisfactory. Normally, students who fail to satisfy the requirements of their year are not permitted to repeat the year.

1.27 **Level descriptors for major award types**

Qualifications under the categories listed below are awarded to students who have completed a programme of study in relation to each category under 1.27.1 to 1.27.7:

1.27.1 **Higher Diplomas (Level 8, National Framework of Qualifications):**

Those who hold this award have been able to demonstrate, through a variety of assessment procedures:

- a comprehension of the theory, concepts, methods and processes pertaining to a specialised field of study
- a detailed knowledge of this specialised area, some of it at the current boundaries of the field
- that they can demonstrate mastery of complex and specialised skills and tools, use and modify them to conduct closely guided research, or professional or advanced technical activity
- that they can use advanced skills to conduct research, or advanced technical or professional activity, and that they can apply diagnostic and creative skills in a range of contexts
- that they can act effectively under guidance of qualified practitioners in a peer relationship within multiple, complex and heterogeneous groups
- that they can act in unfamiliar learning contexts with independence, professionalism and an ethical awareness
- that they can communicate the results of their research or advanced technical and professional learning to both specialist and non-specialist audiences
- that they have developed those learning skills which are necessary for them to progress to programmes leading to Postgraduate Diplomas or Masters degrees.

1.27.2 **Masters Degrees (Level 9, National Framework of Qualifications):**

Those who hold this award have been able to demonstrate, through a variety of assessment procedures:

- knowledge and comprehension that is founded upon, extends and enhances that associated with the Bachelor’s level and is at the forefront of a field of learning
- a critical awareness of current problems and new insights, new tools and new processes within their field of learning, or the development of professional skills
- that they can apply their knowledge and comprehension, their critical awareness and problem solving abilities, within the context of research, or in the development of professional skills, in broader or multidisciplinary areas related to their fields of study
- that they have the ability to integrate knowledge and handle complexity, to formulate judgements with incomplete or limited information, either individually or in groups, which includes (where relevant) reflecting on social and ethical responsibilities linked to the application of their knowledge and judgements
- that they can lead or initiate activity, and take responsibility for the intellectual activities of individuals or groups
- that they can communicate their conclusions, and knowledge, rationale and processes underpinning these, to specialist and non-specialist audiences clearly and unambiguously
- that they possess the learning skills to allow them to continue to study in a manner that may be largely self-directed or autonomous.
1.27.3 Postgraduate Diplomas (Level 9, National Framework of Qualifications):
Those who hold this award have been able to demonstrate, through a variety of assessment procedures:
• a systematic comprehension of a closely defined and specialised field of knowledge at the forefront of its development
• a critical awareness of current problems and new developments at the forefront of the field of learning
• that they can demonstrate and use a range of standard and specialised research tools and techniques of enquiry
• that they can select appropriately from a range of complex and advanced skills and techniques within a specialised field of learning, and develop new skills and techniques at a high level
• that they can act in a wide variety of professional situations which are often unpredictable and ill-defined
• that they can take significant responsibility for their own activity and for the activity of others, either individually or in groups, and that they can initiate such activity having due regard for the professional, social and ethical implications of their actions
• that they can communicate the results of their research or advanced technical and professional learning to both specialist and non-specialist audiences
• that they have developed those learning skills which are necessary for them to progress to programmes leading to Masters or Doctoral degrees.

1.27.4 Research Doctorates (Level 10, National Framework of Qualifications):
Research doctorates should continue to be known as Doctor in Philosophy. Those who hold this award have been able to demonstrate, through a variety of assessment procedures:
• a systematic comprehension of a field of study and mastery of the skills and methods of research associated with that field
• that they have the ability to conceive, design, implement and adapt a substantial process of research with scholarly integrity, rigour and discrimination, which may involve the development of new skills, techniques, tools or materials
• that they are capable of critical analysis, evaluation and synthesis of new and complex ideas
• that they have made a significant contribution through original research which extends the frontiers of knowledge by developing a body of work, some of which merits publication in national or international refereed publications
• that they can communicate with their peers, the larger scholarly community and with society in general about their areas of expertise in a sustained and exact manner
• that they can be expected to be able to promote, with due regard to ethical considerations, within academic contexts, scientific, technological, social or cultural advancement.

1.27.5 Professional Doctorates (Level 10, National Framework of Qualifications):
Professional doctorates should be known by a specific title. Those who hold this award have been able to demonstrate, through a variety of assessment procedures including practice:
• a systematic comprehension of a field of study and practice, and mastery of the skills and methods of research associated with that field
• that they have the ability, either singly or as part of a team, to conceive, design, implement and adapt a process of research with scholarly integrity, rigour and discrimination, which may involve the development of new skills, techniques, tools, materials, or practices
• that they are capable of critical analysis, evaluation and synthesis of new and complex ideas and practices
• that they have made some contribution through original research that extends the frontiers of knowledge or the parameters of professional practice by developing a body of work, some of which merits publication in national or international publications
• that they can communicate with their peers, practitioners in their own professions, the larger scholarly community and with society in general about their areas of expertise in a sustained and exact manner
• that they can be expected to be able to promote, with due regard to ethical considerations, within academic, professional and practice contexts, scientific, technological, social or cultural advancement
• that they can be expected to receive professional accreditation and recognition, where this is available, within their appropriate areas of expertise.

1.27.6 Higher Doctorates (Level 10, National Framework of Qualifications):
These awards recognise distinguished and sustained contributions to learning. They are not based on a provider’s programme, and, as such, are not subject to validation but are assessed by the awarding body for each individual learner through a stringent peer-review system. They are few and rare. Those who hold this award have been able to show:
• that they can develop a large and coherent body of knowledge which is, and has been over a long period of time, at the forefront of their particular field of learning
• that they have created seminal knowledge, through sustained and original research, which is of a quality to merit the admiration of their peers
• that they have to their credit a large body of work published in peer review contexts
• that through their research and publication they have decisively altered the paradigms and norms in their particular fields of learning
• that they are recognised as leading authorities in their fields of learning, influencing and guiding others over a long period of time
• that they have demonstrated by their scholarship that they are fitted to initiate and contribute to debates on the professional, social and ethical aspects of their fields of learning
• high achievement in creative endeavours.

1.27.7 Professional Awards
Degrees and Diplomas awarded by the University of Dublin which lead to professional qualifications are subject to validation by external bodies. These bodies define criteria which holders of professional qualifications have to meet. It is therefore not appropriate that the University of Dublin should define its own learning outcomes and level descriptors in these cases and reference should be made to the appropriate validating bodies.

1.28 Credit weighting of courses
The European Credit Transfer and Accumulation System (ECTS) represents the student workload required to achieve the specified objectives of a study programme. In College, 1 ECTS unit is defined as 20-25 hours of student input. The norm for full-time taught postgraduate courses of one academic year’s duration is 60 ECTS for Postgraduate Diploma courses, and 90 ECTS for Masters courses (inclusive of the Masters research dissertation normally of 30 ECTS weight). The practice in College is to allow variation within the 60 ECTS band where it may be appropriate for professional or academic reasons that the ECTS credits attributed to a particular postgraduate course may be in excess of the recommended norms.

1.29 Notice required for conferring degrees at Commencements
When the results of an examination have been published, successful candidates at that examination who seek to have the degree conferred on them at a particular Commencements ceremony must give notice on the prescribed form obtainable from the Proctors’ Office. They must return it so as to reach that office not later than twenty-eight days before the first date of that group of Commencements ceremonies (thirty-one days in the case of Winter Commencements). A Commencements fee of €114 (2009/2010 fee) must accompany the application form.
Demonstrating, Tutoring, Teaching, Invigilating, etc.

Graduate students may be required to demonstrate or otherwise assist in the work of their School/Discipline, at the discretion of the Head of the School/Discipline. Such work will be paid for at agreed College rates and must not exceed six hours per week on average, except in circumstances agreed between the graduate student, Head of School and Dean of Graduate Studies, as appropriate. Students who are in receipt of College awards may not earn for such activity in excess of the current income level of €18,000 (after payment of fees), (see Section 8).

The Library

Readers, including all graduate students, are admitted to the Library reading rooms on production of a current Identity Card and are required to observe the terms of the Library Declaration and the other Library Regulations as described in the College Calendar [Part I Section H and J].

The Library Declaration is:

'Ego,........ solemniter promitto, me, quoties in Bibliothecam hujus Collegii veni recontigerit, libros ceteramque Bibliothecae supellectilem sic tractaturum, ut superesse quam diutissime possint. Promitto etiam quod neque ipse librum aliquem asportabo, sponte corrupam, interscribam, aut alio quovis modo abuter, nec ab aliis haec fieri (quantum in me est) permittam. Quae omnia et singula, et omnia Bibliothecae statuta (quantum ad me attinet), me fideliter observaturum promitto, et spondeo.'

The following is a translation of the declaration:

'I,........ do solemnly promise that, whenever I enter the Library, I will treat the books and other furniture of the Library in such fashion that they may last as long as possible. I further promise that neither will I myself take away any book nor designedly damage or write in or badly treat in any way whatever any book, nor so far as in me lies will I suffer such things to be done by others. All and each of which things and all the Statutes of the Library, in as far as they concern me, I promise and vow faithfully to observe.'

Graduate students are admitted to the reading rooms on production of a current Identity Card and are required to observe the general Library Regulations.

Library regulations

(i) It is a breach of the Library regulations to attempt to enter any Library building by use of another reader's Identity Card. Readers must show their Identity Card or Library Card on request to any member of the Library staff when within the Library.

(ii) Readers before leaving Library buildings must present all books, bags and briefcases to the guards for inspection. No Library book may be taken out of a Library building except a book the loan of which is permitted and which has been recorded by the Library staff as being on loan to the reader.

(iii) Mutilation or defacement of any book or article of Library property is regarded as a major offence.

(iv) Readers may not use bottles of ink or correction fluid in the Library, nor may such substances be left on desks or in reading rooms.

(v) Silence must be observed as far as possible in all parts of the Library. The use, in a manner causing noise or disturbance, of electrical equipment such as computers, mobile phones, personal stereos, or radios is prohibited. Except in respect of computers in specifically designated areas, the Library does not make power outlets available for such electrical equipment. Users of computers in the Library are reminded that they must also comply with the college's IT and network code of conduct and other regulations for the time being in force.

(vi) Smoking and the consumption of food and drink are forbidden in all parts of the Library open to readers, and no items of food or drink may be left on desks or in reading rooms.

(vii) Readers are not allowed to bring visitors into the reading rooms.

(viii) Readers are not permitted to reserve seats by leaving their belongings or books on seats and desks. The Library staff may move any property left at unoccupied desks or seats for more than 15 minutes except for officially reserved seats and carrels.

(ix) Readers are at all times responsible for their own property.
Readers are required to comply with the provisions of the Copyright and Related Rights Acts, 2000 to 2007 when making photocopies from material which enjoys copyright protection. Failure to comply may expose the person to potential civil liability and, in the case of a student or staff member of College, to College disciplinary procedures. The attention of readers is drawn to the notices on display beside all photocopying machines in the Library.

Sanctions for breach of Library regulations

Breach of the Library regulations will result in sanction by the Librarian, the Junior Dean or the Disciplinary Committee, as appropriate. Appeal against a Library penalty or decision of the Junior Dean is to the Disciplinary Committee. The Librarian operates a system of penalties (as approved from time to time by the Board) for breaches of the Library regulations. Penalties may include fines, administrative and other charges, ejection and temporary or permanent exclusion from the Library and/or the College and/or the University, and the confiscation of any personal property brought into or used within the Library in breach of library and/or any other applicable college regulations. The Library shall not be responsible, in any way whatsoever, for any property so confiscated.

Graduate students who have passed their final examinations are required to return all books to the Library following their examinations within one month before they may proceed to Commencements. The Library will return records of books and fines outstanding to the Proctors’ Office, for the purpose of alerting students to their obligation to clear their Library records so that they may proceed to Commencements.

1.32 Data protection

The College is registered as a ‘data controller’ under the Data Protection Act 1988. All graduate students are required, in addition to their general obligations under the Act, to comply with the terms of the College’s registration and the regulations relating to data protection which may from time to time be laid down by the Board of the College.

1.33 Photocopying and Copyright

All users of College photocopying equipment are required to comply with the provisions of the Copyright and Related Rights Act 2000 when making photocopies from material which enjoys copyright protection.

Students are obliged to comply with the provisions of copyright and licences as they apply to individual computer programmes. Failure to comply may expose the person to potential civil liability and to College disciplinary procedures.

1.34 The submission of theses and dissertations

1.34.1 General. Candidates and Supervisors should note that these requirements are mandatory and they are asked to familiarise themselves with the information below. Theses must meet all the requirements set out below. Please note: from time to time the Dean of Graduate Studies may approve other formats on an individual basis.

1.34.2 Language. A thesis or dissertation should be written in English or Irish unless prior permission has been granted for the use of another language by the Dean of Graduate Studies. A candidate who wishes to write a thesis or dissertation in a language other than English or Irish should initially contact his/her Supervisor/Course Co-ordinator. The Supervisor/Course Co-ordinator will then consult with his/her Director of Teaching and Learning (Postgraduate). If the latter can satisfy him/herself that a) there are sound academic reasons for the thesis or dissertation to be written in a language other than English or Irish and b) that the candidate has the necessary skills/fluency in the relevant language, then the Director of Teaching and Learning (Postgraduate) should send a summary of the case under the two headings outlined above to the Dean of Graduate Studies. The Dean of Graduate Studies will normally be guided by the recommendation of the Director of Teaching and Learning (Postgraduate), but may refer the matter to the Graduate Studies Committee if s/he deems it necessary.
1.34.3 Published Work. A thesis submitted for a higher degree may be based on, or include, writings already published by the candidate, if the studies from which they derive have been carried out during the period of registration on the higher degree register. Such writings must be fully integrated into the body of the thesis.

1.34.4 Length. A thesis must be written concisely. Dissertations submitted in part-fulfilment of the requirements of a postgraduate taught course are limited to the length prescribed in the individual course regulations (see below in Sections 4 and 6). Normally a Ph.D. thesis should not exceed 100,000 words of text (exclusive of footnotes and bibliography) and a M.Litt. or M.Sc. (by research) thesis, 60,000 words of text (exclusive of footnotes and bibliography), and for scientific or technical subjects will normally be shorter. If a thesis is likely to exceed these limits, the Dean of Graduate Studies must be advised of its estimated length and her/his permission obtained at an early stage in the writing. Additional material, such as numerical appendices, listings of computer programs and textual footnotes, may be bound in a separate volume. Where the combined length of text, footnotes and appendices, etc. exceeds 400 pages the thesis must be bound in two volumes.

1.34.5 Typescript and illustrations. The thesis must be printed on good quality, A4 (297 x 210mm) white paper. The type must be fully formed as in the output of a laser or ink jet printer. The output of dot matrix printers is not acceptable. The type must be black and not less than 10 point. Line-spacing must be at one and a half or double spacing between lines. The gutter margin of both text and diagrams must not be less than 35 mm and that on the other three sides not less than 20 mm. The two copies of the thesis for examination should be soft-bound (not ringbound) and printed on one side of the page only. It is required that the hard-bound copy of a thesis will be printed on both sides of the page on paper of a weight of at least 90 gsm (exceptions are at the discretion of the Dean of Graduate Studies). A copy of the hard-bound thesis will be lodged in the Library following approval by Council. Colour photocopies and scanned images may be used in the copy of the thesis deposited in the Library.

1.34.6 Cover. A thesis which has been examined and in which all necessary corrections have been completed must be securely bound in hard covers with dark blue cloth. The final size when bound must not exceed 320 x 240 mm.

1.34.7 Title. The title of the thesis must be written in full on the title page of each volume of the thesis. The degree for which the thesis has been submitted, the year, and the name of the candidate, in that order, should be lettered in gold, in 24 pt or larger type, down the spine, so as to be readable when the volume is lying flat with the front cover uppermost. The title must also appear in gold lettering on the front cover of the thesis. The year on the spine and title page must be the year that the thesis was approved by Council (not the year of initial submission).

1.34.8 Declaration. The thesis must contain immediately after the title page a signed declaration that
a) it has not been submitted as an exercise for a degree at this or any other University,
b) it is entirely the candidate's own work (in the case of a thesis for which the work has been carried out jointly; there must be a statement that it includes the unpublished and/or published work of others, duly acknowledged in the text wherever included) and
c) the candidate agrees that the Library may lend or copy the thesis upon request. This permission covers only single copies made for study purposes, subject to normal conditions of acknowledgement. (See below for withheld access (a "stay") for such permission).

1.34.9 Summary. A succinct summary of the methods used and the major findings of the thesis must be bound into each copy of the thesis following the declaration page. It must not exceed two pages of typescript.
1.34.10 Acknowledgements. A formal statement of acknowledgements must be included in the thesis.

1.34.11 References. Systematic and complete reference to sources used and a classified list of all sources used must be included in the thesis. The titles of journals preferably should not be abbreviated; if they are, abbreviations must comply with an internationally recognised system (the format may vary according to the precedents and customs of the subject area; graduate students should consult with their Supervisor as to appropriate presentation).

1.34.12 Abstract. One copy of an abstract, printed on a single sheet of A4 paper, must be submitted loose with each copy of the soft-bound thesis. The abstract must contain the title of the thesis and the author's full names as a heading and may be single spaced. Two copies of an abstract must be submitted loose with the final hard-bound copy.

1.34.13 Submission. Two copies of the thesis, which may not be returned, and which for the first submission should be soft-bound, should be presented at the Graduate Studies Office, accompanied by two loose copies of the abstract. The thesis will not be accepted until it has been established that the candidate is currently registered on the higher degree register and that any outstanding fees have been paid.

1.34.14 Access to theses. One copy of every thesis approved for a higher degree is lodged in the custody of the Librarian in the University Library. A thesis so approved may be consulted or copied in the Library or through an inter-library loan. Users must undertake not to use or reproduce material so obtained without the consent of the Librarian and must acknowledge duly the source of such information.

1.34.15 Withheld access (a "stay"). Should an author of a thesis wish to withhold permission for the use of her/his work, a written application must be made to the Dean of Graduate Studies at the time of submission of the thesis for examination. Such applications must have the written support of the graduate student's Supervisor or Director of Teaching and Learning (Postgraduate), must state the reasons for the request for a stay on access and must provide a contact address. The maximum length of a stay is five years. During this period of withheld permission the thesis may be consulted, lent or copied only by written permission of the author who is under an obligation to reply to all inquiries within a reasonable time.
2. REGULATIONS FOR HIGHER DEGREES
BY RESEARCH ONLY

(a) Degrees by Research and Thesis

2.1 General

Graduates of the University of Dublin, or of any other university approved by the University Council, and persons holding qualifications from other institutions which are, in the opinion of the University Council, for this purpose equivalent to a university degree, may apply for registration as graduate students reading for a higher degree by research only (Ph.D., M.Litt. and M.Sc. (Ind.)).

Research students are required to comply with requirements to attend generic and discipline-specific courses as specified in local handbooks, which should be made available to each student on entry, subject to those requirements not being in conflict with general Calendar Part 2 regulations.

2.2 Admission to the Research Register

Candidates are normally required to possess a good honors degree (i.e. an upper second class (2.1) or first class honors degree), or equivalent qualification (i.e. a grade point average of at least 3.2). However, possession of such a qualification does not guarantee acceptance.

The University Council approved on 7 May 2008 that from the academic year 2008/09 new research entrants with appropriate academic qualifications are normally admitted directly to year 1 on the Ph.D. register by the Dean of Graduate Studies on the recommendation of the applicant’s prospective supervisor supported by the relevant Director of Teaching and Learning (Postgraduate).

Prospective supervisors may recommend on academic grounds that their new research entrants should be admitted to the Masters register on year 1 in the first instance, with a view to undergoing a transfer process to the Ph.D. register normally within the first eighteen months of registration. Research applicants may also choose to apply to be accepted to the Masters’ register with a view to submitting a Masters’ thesis.

Applicants with a lower second class (2.2) honors degree (or less) or a grade point average of less than 3.2 will be accepted only in special circumstances and at the discretion of the Dean of Graduate Studies. Such applicants must produce satisfactory evidence that they have the ability to carry out research effectively, and they will normally be accepted initially on probation only (see this Section Paragraph 2.3 (a)). They may be required to enter as one-year graduate students not registered for a higher degree (see this Section Paragraph 2.3 (b)).

2.3 Probation before Admission to the Research Register

Applicants may be required to do either of the following before admission to the register:

(a) spend a probationary period working upon research in the discipline for which s/he has applied. If the candidate’s work is satisfactory, the candidate’s registration will be confirmed and deemed to date from the beginning of the probationary period. The fees for this period will be those required of a student registered for a higher degree, or
(b) enter the University as a one-year graduate student not registered for a higher degree to read specific parts of an honors undergraduate course in the subject and to satisfy the Director of Teaching and Learning (Postgraduate) at a qualifying examination. On successful completion of this one-year course s/he may proceed to the postgraduate register. The fees payable are set out in Section 9.

2.4 Subject of Research

Applicants are required upon registration to state the subject of their research; the subject proposed must be approved by the Director of Teaching and Learning (Postgraduate) to which it pertains, who must also be satisfied that the applicants are
qualified to undertake the research stated to the standard required for the registered degree.

2.5 **Role of Director of Teaching and Learning (Postgraduate)**

It is the responsibility of Directors of Teaching and Learning (Postgraduate) to ensure that the research chosen may be effectively undertaken in their School, and that sufficient resources and a suitable Supervisor can be provided for the period of study. They may decline to accept a student if they are not satisfied that these conditions can be met. It is also their responsibility to ensure that no members of staff of their School are required or allowed to take on more graduate students than they can reasonably supervise without adversely affecting the students’ studies. They should also make provision for the continued supervision of graduate students whose Supervisors are no longer able to carry out their duties.

2.6 **Provision for other School Officers to act**

The Director of Teaching and Learning (Postgraduate) may devolve some of the functions of his or her role as detailed in this Section (Section 2) to a Head of Discipline/Department, subject to the agreement of the Head of School, and by informing the Dean of Graduate Studies. However, the Director of Teaching and Learning (Postgraduate) still retains overall responsibility for Graduate Studies in the School.

The Head of School may act in place of the Director of Teaching and Learning (Postgraduate) in certain cases, with the agreement of the Dean of Graduate Studies.

2.7 **Probation, Progress and Continuing Registration on the Research Register**

A student registered for a higher degree by research only is required to carry out research in an appropriate branch of learning. This research must be carried out under the direction of a Supervisor approved by the Dean of Graduate Studies on the nomination of the appropriate Director of Teaching and Learning (Postgraduate).

Students are required to attend such transferable and discipline-specific modules as are laid down by the programme director or the supervisor in consultation with the appropriate programme director or Director of Teaching and Learning (Postgraduate). The progress of graduate students will be reviewed each year, and the Supervisors and/or Directors of Teaching and Learning (Postgraduate) may test students in whatever way is appropriate. Progress report forms should be completed by students and their Supervisors for retention on the student file within the School. This form may be downloaded from the local page of the Graduate Studies Web site:


If progress is unsatisfactory, Supervisors may recommend to the Dean of Graduate Studies that the student’s registration be terminated. Students who do not maintain adequate contact with their Supervisors may be deemed unsatisfactory and their registration terminated. The first year of registration is probationary for all students. Directors of Teaching and Learning (Postgraduate) will exercise particular care in reviewing the progress of students after one year of research. The Director of Teaching and Learning (Postgraduate) in consultation with the Supervisor and such other members of staff as may be appropriate will only recommend continuing registration as a research student if the candidate has clearly established to the staff concerned sufficient commitment and degree of promise that it seems reasonable to allow the candidate to proceed.

2.8 **Role of Supervisors**

Supervisors shall be accessible to the student for a personal consultation session at least once a month during the statutory term, unless a prior arrangement has been agreed between the two parties. If a Supervisor will be indisposed for a sustained period of time an alternative Supervisor may be appointed by the Director of Teaching and Learning (Postgraduate), at the request of the student or the Supervisor. The Supervisor shall provide advice and assistance to students that shall include, in particular, the college regulations and matters relating to academic progression and examination. Any reasonable written requests shall be responded to without undue delay. The Supervisor shall also give the students all possible assistance regarding access to the material, equipment and other
resources essential to their research. Students shall have the right to make submissions to the Dean of Graduate Studies in writing or orally. Students may be accompanied by person or persons of their choice when meeting with the Dean of Graduate Studies, Head of School, and/or the Director of Teaching and Learning (Postgraduate). Joint supervision is permitted, if prior approval has been sought and obtained from the Dean of Graduate Studies. In all cases of joint supervision one Supervisor shall be the Principal Supervisor and that person should be in the School in which the student is registered.

2.9 Eligibility to Supervise Research Students

The following categories of staff are eligible to supervise postgraduate research students:

(i) Principal Supervisors for research degrees must be either Professors, Associate Professors, Senior Lecturers or Lecturers, including those with Research and Clinical titles;

(ii) Members of the academic staff on contract may be Principal Supervisors, but in such cases a Co-Supervisor must also be nominated from among the permanent academic staff; the Co-Supervisor must agree to become the Principal Supervisor should the period of the student's registration extend beyond the contract of the Principal Supervisor. Co-Supervisors are not required for members of staff on contracts of indefinite duration.

(iii) Visiting academics, part-time non-permanent members of the academic staff, and emeritus staff listed in the University Calendar may be nominated as Co-Supervisors.

(iv) Exceptionally, and only after consultation with the Dean of Graduate Studies, other categories of staff may be nominated as a Supervisor or Co-Supervisor.

(v) Research Fellows who hold a Ph.D. degree or equivalent may be nominated as Assistant Supervisors with the agreement of the Principal Supervisor.

(vi) An Associate Research Lecturer may become Principal Supervisor.

Regarding (ii), it is left to the discretion of the Director of Teaching and Learning (Postgraduate) to decide the required duration of the contract, but normally three years is appropriate.

2.10 Attendance

To qualify for the degree, students must be registered (i.e. duly placed on the higher degree register of the University).

Normally graduate students on the research register must attend College or one of its associated institutions full-time. This regulation is automatically relaxed in the case of graduate students whose research necessitates their undertaking field study.

In special circumstances, a graduate student may be permitted to carry out part, or even all, of his/her research in another institution (e.g. in a designated department of one of the D.I.T. Colleges, in C.E.R.N. or the Bibliothèque Nationale, Paris). This will be allowed only when it is the most appropriate way of carrying out the proposed research and when the institution has facilities adequate for the purpose. It will be necessary to obtain assurances that the candidate will be able to proceed full-time with his/her research. It will also be necessary to satisfy the Dean of Graduate Studies that the candidate can attend the University for such periods as are necessary for the adequate supervision of the research, though the requirement for attendance may be reduced if there is a suitable person in the proposed institution to be appointed in an honorary capacity to supervise the work jointly with the internal College Supervisor. Permission to carry out such research in another institution must be sought from the Dean of Graduate Studies with support from the appropriate Director of Teaching and Learning (Postgraduate).

2.11 Part-time Registration

Normally part-time registration is available only to those engaged in teaching or research within the University. However, in special circumstances part-time registration may be permitted to highly qualified graduates, who are engaged full-time in an occupation which is related to their proposed research and which gives adequate opportunity to them to pursue their research, provided that they can attend the University for such periods as are
necessary for adequate supervision. Special application for permission for such part-time
registration, setting out all the circumstances, must be made to the Dean of Graduate
Studies and will need the written support of the Supervisor. Students on the full-time
research register who obtain full-time employment relevant to their research after having
completed the first year on the Ph.D. register may apply in writing to the Dean of Graduate
Studies to transfer to the part-time register for the remainder of their registration, which may
not in this case extend beyond year 5 on the part-time Ph.D. register in total. Such
applications must have the written support of the supervisor endorsed by the Director of
Teaching and Learning (Postgraduate). Students on the full-time research register may not
transfer to the part-time register during or for the final year of their registration.

The minimum period of time on the part-time register is 3 years. If a student on
the part-time register leaves before they have completed 6 years on the register, they will be
required to pay the difference in fees between the total part-time fees they have already
paid and the equivalent full-time fees that they would have been charged during that time on
the register, up to a maximum of the 4 years full-time fee.

2.12 Extensions and off-books

Graduate students on the research register must inform their Supervisor as soon as
is practicable if they are incapacitated by illness or other grave cause and unable to
undertake their agreed research programme. If, following consultation with the Supervisor,
the illness is deemed to be of significant duration or severity to impede the graduate
student’s progress, medical certificates should be provided by the Supervisor to the Dean of
Graduate Studies.

The maximum period before submission of a thesis for students on the full-time
M.Litt. and M.Sc. (by research) registers and for those on the full-time Ph.D. register are
two and four years respectively (see this Section Paragraphs 2.18, 2.19 and 2.22). An
extension of the period within which the thesis can be presented may be obtained by
application to the Dean of Graduate Studies by the student’s Supervisor and must have a
strong recommendation from the Director of Teaching and Learning (Postgraduate).

Applications must be submitted before the period on the higher degrees
register has expired. In cases where a request for an extension is not made before expiry of
the normal time on the higher degree register, a replacement fee will be charged, in addition
to the continuation fee, if an extension is granted.

In special circumstances (such as prolonged illness or absence from the country for
great ad misericordiam reasons), a graduate student may be allowed ‘off-books’ (off the
register) for one year. Application should be made by the student’s Supervisor to the Dean
of Graduate Studies and must have a strong recommendation from the Director of Teaching
and Learning (Postgraduate). In exceptional circumstances this period may be extended for
a second year with the agreement of the Dean of Graduate Studies (see Section
1, Paragraph 1.17).

2.13 Confirmation of the continuation on the Ph.D. register

A stringent process of academic assessment for all Ph.D. students to confirm their
continuation on the Ph.D. register shall normally be arranged within the first eighteen
months of registration extended by a further year for Ph.D. students on the part-time
register from year 1. The process is to be approached positively and constructively by all
parties as an essential part in the student’s learning experience.

The Ph.D. confirmation process requires the student to prepare a Ph.D.
confirmation report. The confirmation report should be written according to the guidelines
issued by the appropriate Director of Teaching and Learning (Postgraduate). The student
must ensure that a draft of the confirmation report is made available to the Supervisor with
sufficient time for the Supervisor to read it and provide comments.

The student shall be invited to attend a Ph.D. confirmation interview. The Ph.D.
confirmation panel for each student is appointed by the Director of Teaching and Learning
(Postgraduate) and shall consist of at least two members as follows: the Director of
Teaching and Learning (Postgraduate) or his or her nominee, and a second member who
should have acknowledged expertise in the subject area of the student’s research (or in a
cognate field). Members of the Ph.D. confirmation panel may be drawn only from academic
staff eligible to supervise (see Section 2, Paragraph 2.9). Although the Director of Teaching and Learning (Postgraduate) makes the final decision about membership of the Ph.D. confirmation panel, he or she will consult with the Supervisor before deciding and will endeavour to take into account the student’s opinion. The Supervisor shall not be a member of the Ph.D. confirmation panel, but it is expected that the Supervisor (and Co-Supervisors) should be present at the interview. When necessary, an external discipline expert may be appointed. The Supervisor’s attendance at the interview ensures that he or she is aware of the panel’s critique of the student’s work.

Written feedback shall be given to the student as soon as possible after the Ph.D. confirmation interview. The recommendation of the panel shall be one of the following: (a) continuation on the Ph.D. register, (b) continuation on the Ph.D. register after some minor changes have been made to the Ph.D. confirmation report, (c) continuation on the Ph.D. not recommended at this time: a new report to be written and confirmation interview to be held again as soon as possible thereafter, (d) a recommendation to change to the general Masters register to submit a Masters thesis, or (e) not to continue as a postgraduate research student.

A student may appeal the result of a Ph.D. confirmation interview. See Section 1, Paragraph 1.24.

2.14 Transfer to the Ph.D. register

A transfer process shall be held for all students on the Masters (M.Litt. or M.Sc.) register to decide on their eligibility to be transferred to the Ph.D. register. It is to be approached positively and constructively by all parties as an essential part in the student’s learning experience.

The transfer process shall normally be arranged within the first eighteen months of registration extended by a further year for Ph.D. students on the part-time register from year 1. The transfer process requires the student to prepare a transfer report; the transfer report should be written according to the guidelines issued by the appropriate Director of Teaching and Learning (Postgraduate). The student must ensure that a draft of the transfer report is made available to the Supervisor with sufficient time for the Supervisor to read it and provide comments.

The student shall be invited to attend a transfer interview. The transfer panel for each student is appointed by the Director of Teaching and Learning (Postgraduate) and shall consist of at least two members as follows; the Director of Teaching and Learning (Postgraduate) or his or her nominee, and a second member who should have acknowledged expertise in the subject area of the student’s research (or in a cognate field). Members of the transfer panel may be drawn only from academic staff eligible to supervise (see Section 2, Paragraph 2.9). Although the Director of Teaching and Learning (Postgraduate) makes the final decision about membership of the transfer panel, he or she will consult with the Supervisor before deciding and will endeavour to take into account the student’s opinion. The Supervisor shall not be a member of the transfer panel, but it is expected that the Supervisor (and Co-Supervisors) should be present at the transfer interview. When necessary, an external discipline expert may be appointed. The Supervisor’s attendance at the transfer interview ensures that he or she is aware of the transfer panel’s critique of the student’s work.

Written feedback shall be given to the student as soon as possible after the transfer interview. The recommendation of the transfer panel shall be one of the following: (a) transfer forthwith, (b) transfer after some minor changes have been made to the transfer report, (c) transfer not recommended at this time: a new report to be written and transfer interview to be held again as soon as possible thereafter, (d) continue on the Masters register to complete a Masters thesis, or (e) not to continue as a research postgraduate student.

A student may appeal the result of a transfer interview. See Section 1, Paragraph 1.24.

2.15 Procedure for examination of a candidate

A thesis submitted for a Masters degree must show evidence of rigour and discrimination, appreciation of the relationship of the subject to a wider field of knowledge,
and make some contribution to knowledge/scholarship (but it is not necessary that it be worthy of publication); it must be clear, concise, well written and orderly and must be a candidate's own work.

A doctoral thesis must show evidence of rigour and discrimination, appreciation of the relationship of the subject to a wider field of knowledge/scholarship, and make an appreciable, original contribution to knowledge; it should show originality in the methods used and/or conclusions drawn, and must be clear, concise, well written and orderly and must be a candidate's own work.

The submission of a thesis is at the discretion of the candidate. A candidate is advised, but not required, to seek the agreement of his/her Supervisor prior to submission.

Postgraduate students whose thesis is under examination are considered as registered students of the university for the duration of the examination. Such students may be afforded different rights and privileges to students who fully register for an academic year.

The Director of Teaching and Learning (Postgraduate) in consultation with the Supervisor nominates an external examiner and an internal examiner (two external examiners only in the case of candidates who are members of staff of the University) to the Dean of Graduate Studies (a standard nomination form is issued by the Graduate Studies Office). Each examiner must independently submit a signed written report and completed decision form to the Dean of Graduate Studies at the end of the examination process. Examiners' names are presented to Council in consolidated form once a year for formal approval. The examiner may not be a recent graduate of the University of Dublin and/or may not have been linked via recent research with the student directly. Should the Director of Teaching and Learning (Postgraduate) be an internal examiner or the Supervisor, a pro-Director of Teaching and Learning (Postgraduate) should be appointed by the Head of School.

A viva voce examination is a normal requirement of the examination of a Ph.D. candidate. For a Masters examination a viva voce will be arranged at the request of either examiner or the Director of Teaching and Learning (Postgraduate). The internal examiner is the official point of contact for the external examiner to do with all issues of the viva voce examination, and has overall responsibility for organising it. Requests from the candidate for a viva voce will be considered by the Dean of Graduate Studies. It is the Internal Examiner's responsibility, in conjunction with the School administrative staff, to arrange the date of, and accommodation for, the viva voce. It is the responsibility of the Director of Teaching and Learning (Postgraduate) to process the external examiner's reimbursements. The viva voce should normally be a live face-to-face examination with all participants in the same venue. Requests for a second external examiner are considered only in the most exceptional circumstances. The Supervisor, or under exceptional circumstances and with the prior agreement of the Dean of Graduate Studies, other cognate person, has the right to be present at the viva voce examination purely as an observer unless the student wishes otherwise, in which case s/he would need to inform the Director of Teaching and Learning (Postgraduate) in advance.

Where there are two external examiners involved in examining a thesis, it must be decided at the viva voce examination which of them should replace the internal examiner in the role of checking, approving and informing the Dean of Graduate Studies that the requested corrections have been carried out satisfactorily.

Students are not required to travel out of Dublin for a viva voce. If they agree to do so, the expenses incurred are a matter for the School concerned. If a viva voce cannot be arranged in Dublin because it does not suit the external examiner, a second external examiner may be appointed, and, in due course, both reports considered.
In the case of a Masters degree the examiners may propose that (i) the degree be awarded for the thesis as it stands, (ii) the degree be awarded for the thesis subject to minor corrections, for which two months are allowed from the time of notification, (iii) the thesis be referred for major revision and subsequent re-examination, for which six months are normally allowed from the time of notification, or (iv) be failed. When examiners propose either failure, or referral of a thesis for revision, they must hold a viva voce examination. The candidate must be informed of the reason for the viva voce. A thesis may only be referred for major revision once: in other words, option (iii) above is not available to examiners on re-submission.

In the case of a Ph.D. thesis the examiners may propose that (i) the degree be awarded for the thesis as it stands, (ii) the degree be awarded for the thesis subject to minor corrections, for which two months are allowed from the time of notification, (iii) the thesis be referred for major revision and subsequent re-examination, for which six months are normally allowed from the time of notification, (iv) a lower degree be awarded, if necessary following minor corrections to the thesis or (v) the thesis be failed. A thesis may only be referred for major revision once: in other words, option (iii) above is not available to examiners on re-submission.

When there is disagreement between examiners as to whether a thesis should be passed as it stands or passed with minor corrections, the Dean of Graduate Studies will adjudicate. Where there is disagreement between examiners as to whether a thesis should be referred for major revision, awarded a lower degree or failed, the Dean of Graduate Studies, through the relevant Director of Teaching and Learning (Postgraduate), attempts to get agreement between examiners on the course to be adopted. If agreement is not achieved, the Dean of Graduate Studies proposes that new examiners be appointed. All reports are sent to the Dean of Graduate Studies.

The texts of the external and internal examiners' reports are initially available only to the Dean of Graduate Studies, the Director of Teaching and Learning (Postgraduate) and the Supervisor. However, candidates are entitled to see the reports relating to their examination on written request. Such requests should be addressed to the Director of Teaching and Learning (Postgraduate) who would bring their request to the Dean of Graduate Studies.

Corrections required by examiners must be made before results are submitted to Council. A letter is required from the internal examiner certifying that corrections have been carried out satisfactorily. Minor corrections should be completed within two months of the candidate being informed of corrections required. If the examiners recommend that the thesis be referred for revision, this means that re-examination is required (though a second viva voce is not permitted) and the candidate must pay a revision fee (see Section 9). Under exceptional circumstances, and with the prior permission of the Dean of Graduate Studies, revised theses may be submitted up to an absolute maximum of two years after the original date of submission. Such late submissions will be subject to a further revision fee. A thesis can only be referred for such major revision once – and a thesis can therefore only be examined twice in total before a final decision on it is reached.

2.16 Complaints concerning supervision

Complaints about the adequacy of supervision should normally be made first to the Director of Teaching and Learning (Postgraduate). If the Director of Teaching and Learning (Postgraduate) is unable to resolve the problem, or where the Director of Teaching and Learning (Postgraduate) is the Supervisor, the student should contact the Dean of Graduate Studies. When the Dean of Graduate Studies is also the Supervisor, the student should consult the Dean of his/her Faculty. The Faculty Dean should then follow the procedure outlined above. The Dean of Graduate Studies, or if appropriate the Faculty Dean, should first attempt to resolve the issue by consultation with the persons immediately involved. If this fails, the student may make a formal complaint in writing to the Dean of Graduate Studies. Complaints about the adequacy of supervision will not be entertained once a thesis has been presented for examination.

In any case where a dispute between a student and his/her Supervisor and/or Director of Teaching and Learning (Postgraduate) has been brought to the notice of the
Dean of Graduate Studies, the examiners of that student may both be selected from outside the School.

2.17 Appeal against decision of examiners
Where a viva voce of a thesis has been held, and the thesis referred back for extensive revision, or the award of a lower degree, or outright failure is recommended, the Dean of Graduate Studies shall inform the candidate of the verdict prior to the submission of the examiners’ reports to the Council. A student may appeal the decision of the examiners (see Section 1 Paragraph 1.24 for further details). Appeals will be entertained only on the grounds stated above in Section 1 Paragraph 1.24 i.e. in cases amounting to a reasonable claim that the examination was unfair. The candidate’s name is then withheld from Council until after the hearing of the appeal.

Master in Letters (M.Litt.)
2.18 A student registered for the degree of M.Litt. is required to carry out research in literature, language, philosophy, history, politics, economics, social sciences, psychology, education, geography or other cognate branch of learning.

The minimum period of research before which a thesis can be submitted is one year from the date of registration, and the maximum period two years. In the case of part-time registration the minimum period of research before a thesis can be submitted is two years from the date of registration and the maximum period three years.

Master in Science (M.Sc. (Ind.))
2.19 A student registered for the degree of M.Sc. (by research only) is required to carry out research in a branch of mathematical, systems’ sciences, engineering or natural sciences, pure or applied.

The minimum period of research before which a thesis can be submitted is one year from the date of registration, and the maximum period two years. In the case of part-time registration the minimum period of research before a thesis can be submitted is two years from the date of registration and the maximum period three years.

The degree of Magister in Scientiis (Indagatio) M.Sc. (Ind.) will be conferred upon students who successfully complete Master in Science research programmes.

Doctor in Philosophy (Ph.D.)
2.20 The regulations for the degree of Ph.D. are the same as those for the degrees of M.Litt. and M.Sc. except as set out below.

2.21 The minimum qualifications for admission as a Ph.D. student are higher than those for admission as an M.Litt. or M.Sc. student. In particular, applicants must show evidence of marked aptitude for research.

2.22 More difficult topics and more extensive and deeper research are required for the Ph.D. than for the M.Litt. or M.Sc. The minimum period of research before which a thesis can be submitted is two years from the date of registration, and the maximum period four years. When part-time registration is permitted, the minimum period of research before a thesis can be submitted is three years from the date of registration, and the maximum period six years (unless the student has changed over from the full-time register in which case the maximum combined period on the full-time and part-time register is five years in total (see Paragraph 2.11)).

(b) Higher Doctorates
2.23 Introduction: The degrees of Doctor in Divinity (D.D.), Doctor in Laws (LL.D.), Doctor in Letters (Litt.D.), Doctor in Music (Mus.D.), and Doctor in Science (Sc.D.) are awarded to candidates who are judged by the University Council to have made an outstanding contribution to the advancement of knowledge, as evidenced by the publication of their
work. The level of attainment required for a higher doctorate is substantially higher than that required for the degree of Ph.D.

The following are the major criteria used by the Graduate Studies Committee Higher Doctorates sub-committee and the assessors when judging an application:

a) By their publications, candidates are recognised as being of international standing in their field.
b) Their contribution has been sustained over a number of years.
c) Their contribution has led to major innovations or major new additions to knowledge in their discipline.
d) Their contribution contains seminal publications that have led to developments by others.

2.24 Admission Requirements: Applicants must be graduates of the University of Dublin, of not less than eight years' standing to be eligible for application to these degrees.

2.25 Application Procedure: Application must be made to the Dean of Graduate Studies on the prescribed form, and include seven copies of the following:

1) A covering letter including the name of the degree applied for and a curriculum vitae.
2) A statement about the nature and extent of the applicant's contribution to the field of study.
3) A list of publications that the applicant intends to submit.
4) A statement that the work has not been submitted as an exercise for a degree at this or any other university.
5) A statement that the listed publications are the applicant's original work. Where work done in co-operation with others is to be submitted, the applicant should comment on his/her role in the work.

Applications are assessed by the Higher Doctorates sub-committee of the Graduate Studies Committee. On its recommendation, candidates are admitted to the register once a year in October. If admitted to the register, the candidate must submit to the Dean of Graduate Studies when requested three full sets of the corpus of publications which are to be assessed. The publications should be accompanied by a short commentary not exceeding one thousand words indicating how each publication contributes to the total corpus of the candidate's research. All materials other than books must be secured in one hardback folder, or more if necessary, each containing a title and contents page. A candidate should clearly state which part of the submission, if any, has been submitted for any other academic award. Materials submitted may not be returned. Incomplete submissions will not be accepted. The onus is on the candidate to ensure that his/her submission is in the required format.

An application fee of €500 (non-refundable) is payable on applying to establish a prima facie case. On admittance a fee is payable by all candidates on a one-off basis (See Section 9 for details). If the appraisal is not completed by the end of the academic year, the candidate will not be required to pay a further fee; however, it will be necessary for him/her to register for the next academic year.

2.26 Assessment: Appraisal is made by scholars distinguished in the particular area of research. Should it prove impossible for the Dean of Graduate Studies to secure the services of appropriate scholars the University reserves the right not to proceed with the examination and all fees will be refunded to the candidate. Two assessors who must be external to the University of Dublin, are appointed by the Dean of Graduate Studies in consultation with the appropriate Dean of the Faculty who also submits a list of at least three suitable assessors from which the Dean of Graduate Studies will choose two.

The assessors have the power to question the candidate upon his/her work, either in writing or by viva voce.

The degree will be awarded on the independent and unequivocal recommendation of both assessors to Council. In the event of a disagreement between two assessors, the Dean of Graduate Studies shall appoint a third assessor whose recommendation shall be final. There is no appeal against the decision of Council.
2.27 Closing date: Application must be made on the prescribed form to the Dean of Graduate Studies to reach the office by 1 September of the proposed year of entry. Late applications are not considered.
3. GENERAL REGULATIONS FOR TAUGHT GRADUATE COURSES

3.1 General
The general regulations outlined in Section 1 apply as appropriate in addition to the following regulations specific to taught courses.

Courses of instruction leading to the higher degrees of B.D., D.Ch.Dent., D.Clin.Psych., D.Couns.Psych., D.Ed., LL.M., M.A.I., M.A.I. (recurrent education), M.A.O., M.B.A., M.Ch., M.D., M.Ed., M.Phil., M.Phil.(Ecum.), M.Phil.(Peace Studies), M.Sc., M.Sc.(Mgmt.), M.St., M.S.W. and Postgraduate Diplomas (P.Grad.Dip. and H.Dip. (Ed.) Primary Teaching) are provided in approved subjects listed in Sections 3, 4 and 6. In all cases applications are competitively assessed and candidates who meet the minimum admission requirements set out in Sections 4 and 6 are not automatically awarded entry. Some Masters courses have the option of an exit Postgraduate Diploma when the taught component of the course has been satisfactorily completed. Such P.Grad.Dip. courses are, for completeness, listed under the appropriate Faculty entry but are not open to entry as separate options from their parent Masters course i.e., students apply for entry to the appropriate Masters course. Students opting to receive a P.Grad.Dip. are not permitted to submit subsequently for the corresponding Masters degree. All Postgraduate Diplomas (with the exception of postgraduate diploma courses in Education) may be awarded at two levels (i) Postgraduate Diploma and (ii) Postgraduate Diploma with Distinction. All taught Masters degrees may be awarded with Distinction. The award of a taught Masters with Distinction shall require the achievement of a distinction for the dissertation, but may include additional conditions as specified by the course committee. A distinction cannot be awarded if a candidate has failed any credit during the period of study. Criteria for the award of a distinction for the dissertation shall be approved by the relevant Director of Teaching and Learning (Postgraduate).

3.2 Attendance
Graduate students on taught courses must normally attend College or one of its affiliated institutions whenever instruction is scheduled for their course in the College. In certain cases, all or part of a course may be undertaken outside of the physical confines of the College or one of its affiliated institutions and graduate students are under the same obligations for instruction. However, the above requirements for physical attendance are relaxed, as appropriate, for distance learning and e-learning courses. In the case of these courses, attendance at the venue to which the material is delivered is equated to attendance at College or one of its affiliated institutions at the time of delivery.

Students must take part fully in the academic work of their class throughout the period of their course.

The requirements for attendance at lectures and tutorials are published locally and vary between the different taught courses. The onus lies on graduate students to inform themselves of the dates, times and venues of their lectures and other forms of teaching by consulting these timetables.

Where a graduate student is undertaking a dissertation as part of a taught course, the regulations in relation to attendance are those outlined in Section 2 (above).

3.3 Part-time Registration
Part-time registration is available for certain taught courses. Students may not normally transfer from the part-time to the full-time register for such courses once already registered.

3.4 Extensions
Graduate students on taught courses who in any term have been unable, through illness or other unavoidable cause, to attend the prescribed instruction satisfactorily, may be granted credit for the term by the Dean of Graduate Studies acting on the advice of the Course Co-ordinator/Director, but must perform such supplementary exercises as the Dean of Graduate Studies may require. The onus rests with each individual graduate student to
inform the Course Co-ordinator/Director of their illness; graduate students must therefore make themselves familiar with the College and course regulations regarding absence from lectures or examinations through illness. Graduate students on taught courses who find themselves incapacitated by illness from attending lectures (or other forms of teaching) should immediately see their medical adviser and request a medical certificate for an appropriate period. Such medical certificates should be given to the Course Co-ordinator/Director, as appropriate. It is the Course Co-ordinator/Director who normally makes representation to the Dean of Graduate Studies on behalf of their postgraduate student.

Students unable to complete their taught course in the required time must apply in writing to the Dean of Graduate Studies, with the support of their course director / co-ordinator for permission to re-register on a continuation year. If the request is approved, the graduate student must pay the relevant annual fee.

3.5 Absence from Examinations

Postgraduate students who consider that illness may prevent them from attending an examination (or any part thereof) should consult their medical advisor and request a medical certificate for an appropriate period. If a certificate is granted, it must be presented to the student’s Course Co-ordinator/Director within three days of the beginning of the period of absence from the examination. Such medical certificates must state that the student is unfit to sit examinations. Medical certificates will not be accepted in explanation for poor performance; where an examination has been completed, subsequent withdrawal is not permitted. Further details of procedures subsequent to the submission of medical certificates are available in course handbooks or from Course Co-ordinators/Directors.

Postgraduate students who consider that other grave cause beyond their control may prevent them from attending an examination (or any part thereof) must consult and inform their Course Co-ordinator/Director. The Course Co-ordinator/Director will then make representations to the Dean of Graduate Studies requesting that permission be granted for absence from the examination.

The acceptance of medical disability is entirely at the discretion of the Dean of Graduate Studies, who may ask for a report from the medical officers in charge of the Student Health Service. The report will be strictly confidential to the Dean of Graduate Studies.

3.6 Special Examination Arrangements

Students who may require assistance in examinations must discuss their needs with the Course Co-ordinator/Director in advance of the examination so that special arrangements - such as dictation to an amanuensis - may be provided if feasible and appropriate. Such arrangements are made locally by the Course Co-ordinator with the relevant Office(s) in College.

3.7 Examination of Dissertation

Graduate students who require an extension on the submission date of their dissertation (on medical or ad misericordiam grounds) must contact their Course Co-ordinator/Director prior to the submission date and must provide documentary evidence to support their case. Such extensions will be at the discretion of the course committee. Where a course requires graduate students to undertake an oral examination of the dissertation, this will take place before the examination board meeting takes place. Dissertations may be graded fail/pass/pass with distinction. Graduate students who have achieved a pass / pass with distinction for their dissertation may, subject to the approval of the course committee, be granted a one-month extension free of fees for minor revisions / corrections prior to submitting the final hardbound copy of the dissertation. No extensions to this period will be permitted.

Where failure of a dissertation is contemplated and an oral examination has not been held as a matter of course, graduate students are entitled to an oral examination. This must take place prior to, or during the examination board meeting. The candidate must be informed of the reason for the oral examination. Candidates who have attended an oral
examination as a matter of course may not avail of another. The format of an oral examination is at the discretion of the course committee.

3.8 Academic progress

In order to rise with their class, graduate students must obtain credit for the academic year by satisfactory attendance at lectures and tutorials, by carrying out the required course-work, and by successful completion of examinations or other designated assignments.

Students registered for a Masters course qualify for the degree by satisfactorily completing the work prescribed, and/or passing an examination and receiving approval for a dissertation on some particular aspect of the subject. Students may be required to attend a viva voce examination. Regulations for individual courses are given under their respective entries, listed alphabetically on the following pages, and are supplemented by further details in course handbooks.

3.9 Postgraduate Diploma courses may only be offered in conformity with, and if their existence is signalled in, the regulations for individual courses listed in Section 6 of this part of the University Calendar: direct entry is therefore not permitted to some Postgraduate Diplomas.

3.10 The following information relates to all examination results:

1. All postgraduate examination results are published anonymously under a student's registered number.
2. Students who successfully complete their course will have the qualification, where appropriate, awarded under their registered name and within class.
4. REGULATIONS FOR PROFESSIONAL HIGHER AND OTHER DEGREES

4.1 Attendance and Examinations
Graduate students undertaking a higher professional degree are, as appropriate, under the same obligations to attend for instruction as those graduate students on the taught courses and/or those on research courses. Examination regulations, as detailed under Section 2 and 3, apply as appropriate.

4.2 Part-time Registration
Part-time registration is permitted for certain professional higher degrees. Such registration may be permitted to suitably qualified graduates, who are engaged full-time in an occupation which is related to their proposed degree and which gives adequate opportunity for them to pursue their work, provided that they can attend the University for such periods as are necessary for adequate supervision or other activity. If a full-time option is available graduate students may not normally transfer to it from the part-time register.

4.3 Extensions and off-books
Graduate students undertaking a professional higher degree must inform their Supervisor/Course Advisor/Course Co-ordinator/Director as soon as is practicable if they are incapacitated by illness and unable to undertake their agreed programme. If, following such consultation, the illness is deemed to be of such significant duration or severity to impede the graduate student's progress then medical certificates should be sought. The certificates must be sent to the Supervisor/Course Co-ordinator/Director for immediate forwarding to the Dean of Graduate Studies. An extension of the period on the register may, potentially, be obtained by application to the Dean of Graduate Studies on the recommendation of the Supervisor/Course Co-ordinator/Director endorsed by the Director of Teaching and Learning (Postgraduate) in the student's School. Requests for extensions must be submitted before the period on the professional degrees register has expired. In cases where a request for an extension is not made before expiry of the normal time on the higher degree register, a replacement fee will be charged, in addition to the continuation fee, if an extension is granted.

In special circumstances (such as prolonged illness or absence from the country), a student may be allowed off the register ('off-books') for a six month or one year period. Application should be made to the Dean of Graduate Studies by the Director of Teaching and Learning (Postgraduate) concerned and/or the Supervisor/Course Advisor/Course Co-ordinator. In exceptional circumstances this period may be extended for a second year with the agreement of the Dean of Graduate Studies. During this 'off-books' period, graduate students will not be required to pay fees. Consequently they will not have a student card during this period and will not have access rights to the college library or other college facilities.

Graduate students who have been off the register ('off-books') for a period of time must make application to the Dean of Graduate Studies to be re-admitted to the college register ('on-books') if permission had been granted for medical reasons. This application must be supported by the Director of Teaching and Learning (Postgraduate) concerned and/or the Supervisor/Course Co-ordinator/Director.

4.4 Appeals
Appeals will be heard for students undertaking professional higher degrees under the criteria and following the procedures outlined in Section 1, Paragraph 1.24.

4.5 Regulations pertaining to the following professional higher degrees are covered in Section 6
Specific Regulations for Taught Graduate Courses by Faculty:

Bachelor in Divinity (B.D.)
Professional Doctorate in Dental Surgery (D.Ch.Dent.)
Professional Doctorate in Education (D.Ed.)
Doctor in Clinical Psychology (D.Clin.Psych.)
Doctor in Counselling Psychology (D.Couns.Psych.)
Doctor in Medicine (M.D.)
Master in Business Administration (M.B.A.)
Master in Dental Science (M.Dent.Sc.)
Master in Education (M.Ed.)
Master in Engineering (M.A.I.)
Master in Engineering (M.A.I.) Recurrent Education
Master in Laws (LL.M.)
Master in Management (M.Sc. (Mgmt.))
Master in Obstetrics (M.A.O.)
Master in Social Work (M.S.W.)
Master of Studies in School Leadership and Educational Studies (M.St.)
Master in Surgery (M.Ch.)
5. OTHER GENERAL REGULATIONS

5.1 Student charter
The Board of the College has approved a graduate student charter setting out the College's intentions in regard to entitlements of graduate students as members of the academic and general community. This charter will be available to all graduate students annually at registration.

5.2 Discipline, regulations
1. All graduate students are required to observe, in addition to the laws of the State, the regulations laid down by the Board of the College from time to time. Disciplinary offences therefore include breaches or attempted breaches of the criminal law and of College regulations, whether committed inside or outside the College, including but not limited to
(a) activity which brings the College into disrepute,
(b) misconduct in relation to examinations, libraries, and the use of other College facilities, services, and accommodation,
(c) disruption of the normal operation of activities within the College, and
(d) harassment or misbehaviour on college property or in dealings with others.
However, this does not preclude the legitimate right of students to assemble and express grievances.

2. The Junior Dean shall maintain discipline and good order among the students, and enquire into and otherwise deal with the alleged commission of a disciplinary offence by a student. The relevant procedures and penalties are set out in Schedule II of Chapter XII of the College Statutes; they are available on the College website or from the Registrar's office, but a non-binding summary is provided below. At all stages of the disciplinary process, students are entitled to representation by their tutor, by the Students' Unions, or by any other person of their choice.

3. The Junior Dean (or a person exercising the powers of the Junior Dean, e.g. the Warden of Trinity Hall, the Librarian or the Director of IS Services) will usually interview a student suspected of having committed a disciplinary offence. If it relates to a minor offence, the Junior Dean can deal with the matter quickly (summarily), and the decision can be appealed to the Disciplinary Committee. If it relates to a major offence, the Junior Dean can deal with the matter summarily only if the student agrees; otherwise the matter is heard by the Disciplinary Committee.

4. It shall be for the Junior Dean in the first instance to decide whether an offence is major, but he or she shall have regard to factors such as the potential for criminal or professional misconduct proceedings arising out of the offence, the impact of the offence on others, the disruption of the normal functioning of the College and/or its facilities and/or members, plagiarism, falsification or serious misuse of official College or University documents or false pretences in connection with academic attainments, or refusal to comply with any final penalty. Section H of Part 1 of this Calendar provides, at Part III (Conduct and College Regulations), section 4, that "Without prejudice to the general power of the Junior Dean to decide whether an alleged offence is major or minor, the following examples would normally be regarded as major offences:
(a) Conduct which does, or is liable to cause, violence to person or damage to property.
(b) Conduct which does, or is liable to obstruct, the holding of, or frustrates the purpose in holding, any lecture, class or other instruction given by the College or any laboratory work or any research in the College, or any meeting, hearing or other function (including administrative and sporting activities) authorised to take place within the College.
(c) Seriously interfering with, or unreasonably impeding members of the College in carrying out their duties.
(d) Theft, fraud or misapplication in connection with funds or property of any kind in College."
(e) Offences in connection with degrees or diplomas or annual examinations or tests conducted by the College.
(f) Falsification or serious misuse of University records, including degree or diploma parchments.
(g) False pretences or personation of others, within or without the College, in connection with academic attainments or financial awards.
(h) Refusal or failure to pay a fine or comply with any penalty (subject to any right of appeal applicable) imposed by the Junior Dean or Librarian.
(i) Refusal to produce a College I.D. card or other acceptable means of identification at the request of the Senior Dean, Junior Dean or any of his/her assistants or any College security officer. (Other members of the College have the right to call for identification of any person found in areas properly under their control.)
(j) Failure to comply with any reasonable instruction of a fire warden.
(k) All forms of bullying and harassment, including sexual and racial harassment, in all College locations and situations where students are participating in formal College activities or are representing the College or are present at events, social or otherwise, organised in association with the College.
(l) Misuse of e-mail, computer facilities, or any aspects of College communications networks.
(m) Dishonesty in relation to academic work.
(n) Any action by a student on a professional course which would constitute professional misconduct.

5. The Disciplinary Committee consists of members of the academic staff and of the non-academic staff, and students; and it hears appeals from decisions of the Junior Dean as well as matters referred to it.

6. There may also be a Panel of Enquiry. It can hear appeals from decisions of the Disciplinary Committee, or conduct initial hearings into the most serious offences.”

In the case of any inconsistency between the text of the said section in Part 1 of this Calendar and the text set out above, the text of the said section in Part 1 of this Calendar shall prevail.

5.3 Misconduct and noise in rooms
All occupants of rooms in College will be held responsible for any misconduct in the rooms under their control. This will include the making of noise deemed to be excessive.

5.4 Posters and notices
Only College societies and clubs may advertise in College. Notices may not exceed 75 x 55 cm (2'6" x 1'9") and must be placed on the student notice-boards provided. Chalked notices, stickers and (except in special cases with the permission of the Junior Dean) unattended free standing notices are forbidden. Not more than one copy of a notice may be displayed on the same board or within 15 m (16 yards) of a similar notice. Advertisements for a particular event must be removed not later than 48 hours after the event. All notices must identify their origin.

5.5 Sale or distribution of printed matter
Printed matter may be sold or distributed by members of the College provided that it is either a recognised student newspaper or material issued by the Graduate Students’ Union or material issued by an authorised society or club of the University including publicity or tickets for any function organised by those societies.
Provided that no obstruction or unnecessary noise is caused, such printed matter may be sold or distributed in all the open areas of College and within and approaching the Front Gate precinct, at the Pearse Street and Lincoln Place Gates, in the hallways of the Museum and Chemistry Buildings, in the Buttery foyer, in the concourses of the Arts Building, the Hamilton Building and the Smurfit and Panoz Institutes and outside the entrances to the catering areas. Printed matter may be sold but not distributed gratis in any
of the catering areas except the Buttery foyer. All printed matter must identify its origin, and, in the case of a graduate student newspaper, its editor.

5.6 **Erection of stalls in College**

Stalls may not be erected in College except:
(a) within and approaching the Front Gate precinct, for which arrangement must be made with the Enquiries Office and the Senior Dean. Authorised stall holders may not obstruct the roadway through the Front Gate or access to Regent House or to the post boxes;
(b) at the Pearse Street or Lincoln Place Gates, also by arrangement with the Enquiries Office and the Senior Dean;
(c) in the foyer of the Arts Building and the Hamilton Building by arrangement with the Superintendent of the building and the Senior Dean.

No society, club or person may normally have a stall more than one day per week.

5.7 **Collecting boxes**

Collecting boxes are prohibited in College.

5.8 **Sale of goods**

The sale or distribution of goods other than printed matter is not allowed in the open within the College precincts.

5.9 **Booking of rooms for meetings**

Individuals or groups wishing to hold meetings in College rooms or halls on or off campus are required to make application, normally one week in advance, at the Enquiries Office, West Theatre. Permission to hold a meeting likely to give rise to a need for additional security must be sought from the Senior Dean two weeks in advance, through the Enquiries Office, and the cost of extra security and other special arrangements must be borne by the organisers. The cost of any damage caused as a result of such a meeting will also be charged (a) within and approach may be required to lodge a deposit beforehand. Failure to apply in time for permission to hold a meeting, the plans for which turn out to require special security, will be grounds for refusing permission for that meeting.

Bookings for meetings in the O'Reilly Institute must be made in advance with the Director of Innovation Services.

5.10 **Access to buildings**

Those sitting on the steps of public buildings must allow free access to the building by leaving an unobstructed pathway to the door. On the Dining Hall steps painted lines indicate the area to be kept free. Sunbathing is permitted only in College Park.

5.11 **Outdoor eating**

Food and drink may not be consumed out of doors except in the College Park. Alcoholic drink may not be consumed out of doors.

5.12 **Walking on lawns**

No persons are permitted to walk on the lawns, or to cross the playing fields unless they are participating in games or in training authorised by D.U.C.A.C.

5.13 **Amplifying equipment**

Radios, loudspeakers and other amplifying equipment may NOT be used in public areas within the College precincts without the Junior Dean's permission. Permission for the use of megaphones must be sought at least twenty-four hours prior to the event. This will normally be granted only to the officers of the Students' Union.

5.14 **Mobile Phones**

Mobile Phones may not be used in the library, Information System Service Public Access Computer Rooms, Lecture Theatres, Laboratories or other public teaching and research areas.
5.15 Traffic regulations
Persons who drive cars or motor-cycles must acquaint themselves with the current traffic regulations, which are strictly enforced. The Director of Buildings is responsible for these regulations.

5.16 Bicycles
It is forbidden to park bicycles in hallways, staircases, or landings of houses. Bicycles must not be ridden either through the Front Gate or Arts Building entrance. Bicycles must be parked in the bicycle racks provided.

5.17 Derelict vehicles
Any derelict or unlicensed motor-car, motor-cycle or bicycle will be removed by the College authorities after fourteen days’ notice has been placed thereon.

5.18 Concerts, dances and parties
The Students’ Union and any College society or club planning to hold a concert, dance, gig or discotheque in College must apply for permission to do so at least eight days in advance of the function. Permission is granted by the Senior Dean, to whom written application should be made through the Enquiries Office, West Theatre. Societies or clubs wishing to hold dances outside the College must apply to the Senior Dean at least three weeks before the proposed date.
Permission to hold a party in College must be obtained from the Junior Dean at least five working days in advance. Application form available from the Junior Dean’s website at http://www.tcd.ie/Junior_Dean/Parties/index.php.

5.19 Pets
No animal, fish, bird or other livestock may be kept in College residences (except for guide dogs) without the prior consent, in writing, of the Registrar of Chambers.

5.20 Activities outside College
The Junior Dean must be consulted in advance if College organisations propose to arrange parades, collections, demonstrations or any other activities of this kind, using the name of Trinity College. Approval is given on the understanding that relevant by-laws are understood and will be observed. Notice to the appropriate public authorities, where required, should be arranged well in advance. Individual graduate students participating in any activity outside College remain subject to the general regulation that Graduate students’ conduct shall not bring the College into disrepute.

5.21 Outside activities in College
As there is no general right for members of the public to enter the College precincts, the Junior Dean must be consulted fourteen clear days in advance if any individuals or groups within College propose to participate with individuals or organisations from outside College in holding parades, demonstrations, meetings or other activities of this kind in the open within the College precincts.
Approval for such activities may be given on conditions which include the observance of the relevant College by-laws by those attending or organising the activity. Such approval may be withdrawn at any time by the Junior Dean, or those acting under his/her authority, in the event of a breach of any condition of such approval.

5.22 Gowns
Graduate students are entitled to wear gowns appropriate to their standing within the College precincts. They are required to do so when attending Commencements.

5.23 Sports clothing
Appropriate sports clothing must be worn while playing games or training in College Park.
5.24 Roofs and attics
College roofs and attic spaces are out of bounds.

5.25 Waste management and recycling
It is a College offence to deposit litter in any location within the College perimeter other than designated litter bins. All staff and students are requested to co-operate and support the College waste management and recycling policy by reducing the volumes of waste produced on campus, re-using products and using the facilities provided to segregate waste at source to facilitate recycling.

5.26 Residence
The following types of accommodation are provided by the College:
(a) rooms in College;
(b) rooms in Trinity Hall, about 4 km (2½ miles) from the College.
Residence in College is arranged by the Provost through the Registrar of Chambers for whom administrative services are provided at and through the Accommodation Office. Residence at Trinity Hall is arranged by the Provost through the Warden of Trinity Hall for whom administrative services are provided at and through the office at Trinity Hall. Rules governing graduate students in residence are obtainable from the offices concerned.
Graduate students looking for other accommodation are advised to contact the Students Union who will provide advice on accommodation in Dublin. Generally, private rented accommodation is in reasonable supply. An accommodation advisory service operates from early September to the end of Freshers’ Week to assist students seeking private accommodation. Comprehensive information is available on the College website at http://www.tcd.ie/Accommodation.

5.26.1 Accommodation in the College. Single, double, twin and treble sets and bedrooms within 3 to 7 person apartments are available. These are fully-furnished and all include, or have access to, at least elementary cooking facilities. There are approximately 720 places for men and women.
Applications for residential rooms will be accepted after charges for the following year have been set by the Board. This is usually in a four week period during February/March.
Applications for rooms in College will be accepted from full-time students registered for postgraduate degree courses. Ordinarily, applications will not be accepted from students registered for diploma courses. Where a degree course is jointly delivered with another institution, applications will be accepted from students in those years that the course is delivered by Trinity College. There is normally a considerable demand for rooms.
Most of the allocations of College rooms for the coming academic year are made in May. Graduate students are notified at their home address unless the office is otherwise directed. Applications from new graduate students seeking places in College rooms cannot be dealt with until they have been issued with a student ID number. Vacancies may occur during the year and applicants interested in taking up these rooms should keep in touch with the Accommodation Office.

5.26.2 Accommodation in Trinity Hall. Trinity Hall at Dartry near Rathmines is approximately 4 km (2½ miles) from the centre of Dublin. It is on a number of direct bus routes, the LUAS tramline, and is within easy cycling distance of the College. Part of the grounds form the University of Dublin Botanic Garden.
Standard accommodation located in Cunningham House (70 places) is comprised of single study bedrooms, which are fully furnished and are grouped around kitchen/common rooms where 14 students may cater for themselves. Students share bathroom and toilet facilities.
There are 940 places in modern accommodation arranged within apartments with four or six ensuite bedrooms sharing a kitchen/dining room. Room types available in the modern accommodation are ensuite single or twin rooms. There are a number of modern rooms available at Trinity Hall for those with mobility impediments and special needs.
Students wishing to apply for these rooms should contact the Warden of Trinity Hall. These
rooms are designed for students who are capable of independent living and are not suitable for students requiring special care. These are en-suite rooms within apartments and share kitchen/living rooms with other students.

Residents have access to a library, computer room and common rooms, and have the use of the indoor sports facilities. All residents at Trinity Hall pay a small annual subscription which covers membership of the Junior Common Room.

Applications from new graduate students seeking places in Trinity Hall cannot be dealt with until they have been issued with a student ID number. Vacancies may occur during the year and interested graduate students should keep in touch with the office at Trinity Hall.

5.26.3 Tenure. Foundation (and non-foundation) scholars are entitled to remain in residence as provided for in the Statutes.

Graduate students who have held rooms during the academic year and who intend to present themselves for examinations after the expiry of the tenancy period in May/June may retain their rooms until the morning following final June examinations, provided that they inform the Registrar of Chambers, or the Warden of Trinity Hall respectively, before 1st May that they wish to extend their occupancy.

Students who are the sons or daughters of Fellows of the College are granted priority in the allocation of rooms. They pay two-thirds of the normal rent. In all other respects they must conform to the regulations regarding tenure which are binding on students in general.

Graduate students seeking leave to retain rooms for longer than one period of tenure should re-apply to the Registrar of Chambers, or the Warden of Trinity Hall, during the period indicated in Paragraph 5.26.1. In College, such an extension of the normal period of residence is sparingly granted.

For rooms to be vacated by 31st December 2009. Occupancy of rooms may be surrendered provided that four calendar weeks notice in writing is given to the Accommodation Office. The licensee will be liable for rental and utility charges for a period of four weeks in the notice period. In the event that the licensee vacates before the expiry of the required period of notice, the licensee remains liable for the rental charges for the full notice period. After the expiry of the period of notice, the licensee is liable for the rent charges for a further period of four weeks. The four week liability may be reduced to the length of time the place remains vacant during that period in the following circumstances.

Where the departing resident introduces in a new applicant who is acceptable to the relevant College Officer to take up occupancy.

Where the place is filled by another applicant. In such cases where there is more than one vacancy, vacancies will by filled in rotation in the order in which they arise.

For notice received after 31st December 2009. Where rooms are vacated after 31st December 2009, notice is still required however the licensee remains liable for the full cost of all rental and utility charges to the end of the licence.

In the event that the room is re-let on the basis of the rotation described above, credit may be allowed for the period the room is re-let.

5.26.4 Sub-letting. Sub-letting is not allowed unless there are exceptional circumstances and prior permission is sought from the Registrar of Chambers or the Warden of Trinity Hall.

5.26.5 Deposits. Graduate students granted rooms for normal tenure must each pay a deposit (see below), to the Accommodation Office, or to the office at Trinity Hall, within a fortnight of their being granted; otherwise their right to the rooms lapses. Having paid the deposit, graduate students should collect their keys from the Accommodation Office, or from the office at Trinity Hall respectively, when taking up residence. The deposit is returned towards the end of July after graduate students have vacated, provided that keys have been surrendered and all outstanding charges (which may include fines) are paid. Where residents have been allocated rooms for the subsequent academic year their deposit will be carried forward.
Vacation occupants must each pay a deposit (see below), which is refunded when they vacate, provided that keys have been surrendered and all outstanding charges paid.

5.26.6 Residential charges. For rooms in College graduate students pay a fixed charge for three rental periods i.e. mid September to 31 December, 1 January to 31 March, and 1 April to 31 May. In Trinity Hall the account periods are late September to 31 December, 1 January to 31 March, and 1 April to mid-June. Residents wishing to extend the occupancy of their rooms beyond the end of the third billing period may do so up to the day following their last June examination on payment of a daily extension charge provided the Accommodation Office or the office at Trinity Hall is notified prior to 1 May. The charge for students resident in twin, treble or double sets will be based on the departure date of the last occupant to vacate and all residents are liable for charges up to that date. Daily extension charges include the cost of energy.

Subject to availability, short-term occupancy is available to students from outside the greater Dublin area who are sitting supplemental examinations during September. Rooms are available from mid August and must be requested before 1 July.

5.26.7 Accounts. Accounts include residential charges and utility charges and are payable in advance. Where dilapidation charges or fines are incurred these will be included on a resident's account. Utility charges include heating, hot water, consumed energy and other services such as data connection and piped TV where supplied. In some residential areas an inclusive charge is made for utilities while in other areas consumed gas and electricity is charged on the basis of metered consumption. Information on energy charges is published on the Accommodation Office’s web pages.

For rooms in College there are three account periods, mid September to 31 December, 1 January to 31 March and 1 April to mid May. Payment must be made in advance for all periods. Most residential charges are now payable online using a secure web service that debits charges against selected credit and charge cards. Students will be notified by either letter or e-mail about payment arrangements. The first period payment must be made by mid-September. Accounts not paid by the due date automatically incur a surcharge of €65. If the account and any fine are outstanding by the end of a rental period, the account will remain outstanding but the rooms become automatically forfeit upon notice from the Registrar of Chambers.

In Trinity Hall the account periods are mid September to 31 December, 1 January to 31 March and 1 April to mid-May. No accounts are issued. For the first period, payment must be made before residence is taken up. For the second and third periods payment must be made before the first day of the period. Accounts not paid by the due date automatically incur a surcharge of €65. If the account and any fine are outstanding by the end of a rental period, the account will remain outstanding but the rooms become automatically forfeit upon notice from the Warden of Trinity Hall.

Publication of examination results may be withheld where students fail to settle their residential accounts. The Registrar of Chambers or the Warden of Trinity Hall may request this course of action, through the Senior Lecturer, pending the discharge of the outstanding account.

Students in whose names rooms stand registered at the beginning of any billing period are liable for all charges in respect of their rooms, unless they have given due notice to the Accommodation Office or to the office at Trinity Hall respectively, and surrendered their keys.

Students who fail to vacate their rooms on or before the date appointed are liable to forfeiture of deposit, or of such portion of it as the Registrar of Chambers or the Warden of Trinity Hall may determine.

5.26.8 Transfers. If graduate students wish to change their rooms between October and May inclusive they must apply to the Registrar of Chambers or to the Warden of Trinity Hall respectively for permission to do so. If permission is granted the residential
charge and, in College, the heating charge will be adjusted according to the date on which they exchange their keys.

5.26.9 Discipline in residences. All resident students are required to abide by the conditions of occupancy in force for residences on campus and at Trinity Hall. Permission to hold parties in students’ rooms in College must be obtained from the Junior Dean five working days in advance. Application form available from the Junior Dean’s website at http://www.tcd.ie/Junior_Dean/Parties/index.php. Permission to hold parties in students’ rooms in Trinity Hall must be obtained from the Warden five working days in advance. The occupants of rooms will be held responsible for any damage or excessive noise resulting from a party held in their rooms. In particular they will be liable to a fine for any disturbance after midnight. Permission to hold parties in other College rooms must be obtained from the Junior Dean five working days in advance. Application form available from the Junior Dean’s website at http://www.tcd.ie/Junior_Dean/Parties/index.php. The person or group receiving permission to hold such a party will be responsible for any damage or excessive noise resulting therefrom. Permission to hold parties in Trinity Hall rooms must be obtained from the Warden five working days in advance. The person or group receiving permission to hold such a party will be responsible for any damage or excessive noise resulting therefrom. In all cases the Warden should be notified on forms available from the office at Trinity Hall.

5.27 Commons

During teaching term Commons is served in the evening on week-days (Monday to Friday inclusive). There is no service on any week-end or Bank Holiday. During vacations Commons is served at lunchtime on week-days with the exception of the March/April period when Commons remains at 6.15 p.m. each evening. Precise details of the days and times of service are published in advance.

Commons bookings are made by means of vouchers distinguished by date and valid only for the day of issue. These vouchers can be purchased at least one day in advance from the Catering Office.

Exchange of Commons vouchers for future days will be possible at the Catering Office during office hours, but no retrospective exchanges nor refunds for any unused vouchers will be made.

Commons vouchers are on sale at €20.50 (2009/2010) per voucher. Each voucher will be date stamped for the Commons meal required. Vouchers can also be purchased undated, however they must be brought back to the Catering Office to be date stamped no later than 3 p.m. on the day prior to the day the voucher is to be used.

Vouchers may be re-dated, if required, provided they are surrendered in good time, i.e. prior to the original date of use.

Scholars and sizars receive their Commons free of charge. Scholars not on the College books, but with an entitlement to Commons, free of charge, can obtain Commons vouchers from the Registry of Chambers. Scholars wishing to attend Commons must sign on by 3 p.m. daily at http://www.tcd.ie/Junior_Dean/Scholars/Scholar/.

Any member of the College may dine on Commons. Guests (i.e. non-members of the College) will be admitted to Commons but their hosts will have to provide vouchers for them.

All Commons regulations and charges are subject to revision at short notice should the Board consider it necessary.

5.28 Insurance

The Board cannot accept responsibility for the personal property of individuals in College; they are strongly recommended to insure their belongings under an ‘all risks’ policy. The College arranges a scheme for the benefit of residents in College and at Trinity Hall. Details are available at the Accommodation Office, West Chapel.
5.29 **Safety**

The Board of the College maintains a working environment in which the physical and mental well-being of the College community is maintained at the highest levels practicable, and provides a basis whereby the College is able to solve problems that arise in the working environment in co-operation with staff and graduate students and their representative organisations.

The Board has appointed a College Safety Committee and a College Safety Officer to advise it on general matters of policy relating to safety; to supervise, develop and integrate the College safety system; to foster co-operation with staff and student representatives on safety matters; and to assist in ensuring compliance with health and safety legislation and regulation.

Ultimate responsibility for safety in College rests with the Board of the College.

A copy of the comprehensive College safety statement is available from the College Safety Officer, Director of Buildings Office, West Chapel. Individual departmental safety statements are available from department heads.

5.30 **Data Protection**

Data protection legislation safeguards the privacy rights of individuals in relation to the processing of their personal data. The College is registered as a ‘data controller’ under the Data Protection Acts 1988 and 2003. All members of staff are required, in addition to their general obligations under the Acts, to comply with the terms of the College’s registration and the regulations relating to data protection which may from time to time be laid down by the Board of the College. Further information is available from the College website at www.tcd.ie/info_compliance/dp/.

5.31 **Copyright**

The use of copyright materials is governed by the Copyright and Related Rights Acts 2000 to 2007. Those copying material which enjoys copyright protection are required to comply with the provisions of the legislation. This applies to the use of College and other photocopying equipment and to copying by other means, including digital copying. Failure to comply may expose the person to potential civil and criminal liability and, in the case of a student or staff member of College, to College disciplinary procedures. It is also an offence under the legislation to distribute or make available copyright material in any format without authorisation, e.g. by way of computer networks, including publishing it on a website. Those who distribute or make available such material without authorisation are not only in breach of the legislation but also contravene the College’s code of conduct for the use of computer resources. Further information is available from the College website at www.tcd.ie/info_compliance/copyright/.

5.32 **Child Trafficking and Pornography Act 1998**

All staff and students should be aware that the terms of the Child Trafficking and Pornography Act 1998 to 2004 are applicable to College. These Acts makes it an offence to knowingly:

(a) produce, distribute, print or publish child pornography and to knowingly import, export, sell, show or advertise child pornography;

(b) cause or facilitate, or encourage, any of these activities;

(c) be in possession of any child pornography.

The provisions of these Acts cover the storing, viewing or distribution of child pornography on any computer system and persons found guilty of any of the above offences are liable to a fine and/or prison sentence (A child for the purposes of the Act is a person under the age of 17 years).

5.33 **Freedom of Information**

The University of Dublin, Trinity College, was designated as a ‘public body’ subject to the terms of the Freedom of Information Act, 1997, with effect from 1 October 2001. The Act established three new statutory rights: (a) a legal right for each person to access
information held by public bodies; (b) a legal right for each person to have official information relating to him/herself amended where it is incomplete, incorrect or misleading; (c) a legal right to obtain reasons for decisions affecting oneself. The College has published a guide to its functions and records, in compliance with section 15 of the Act, and a guide to its rules and practices as required by section 16.

The College’s Freedom of Information website www.tcd.ie/info_compliance/foi/ includes these publications and provides further information about the Freedom of Information Acts 1997 and 2003 and how they apply to Trinity College. Enquiries and formal requests under the terms of these Acts should be addressed to the Freedom of Information Officer (Information Compliance Officer), Secretary’s Office, West Theatre, Trinity College.

5.34 Smoking in College

College is required to comply with the requirements of The Tobacco Smoking (Prohibition) Regulations, 2003. College policy prohibits smoking in all College buildings and other enclosed workspaces, including College vehicles.
6. SPECIFIC REGULATIONS FOR TAUGHT GRADUATE COURSES BY FACULTY

The degree of Magister in Scientiis (Studia) M.Sc. (St.) will be conferred upon students who successfully complete Master in Science taught programmes unless otherwise indicated in Section 7 (List of Higher Degree Titles).

6. (a) Faculty of Arts, Humanities and Social Sciences

1. Bachelor in Divinity (B.D.)

1.1 Admission: To be admitted on to the B.D. register, a candidate must:
   1. hold a degree in Theology from the University of Dublin, or other university approved by the University Council; or
   2. hold a degree in any subject from the University of Dublin or other university approved by the University Council and a Divinity Testimonium or a Professional Diploma in Theology from the University of Dublin; or
   3. hold a degree in any subject from the University of Dublin or other university approved by the University Council and pass a qualifying examination. Details of the qualifying examination may be obtained from the Dean of Graduate Studies.

1.2 Assessment: The degree of B.D. is awarded on the results of:
   1. an examination based on eight papers, which may be taken in any order, and
   2. a thesis on a prescribed subject of a maximum of 40,000 words. The student can only proceed to thesis when he/she has passed all examinations.

1.3 Applications: Full details are available from the Graduate Studies Office. Application for registration must be made on the appropriate form to the Dean of Graduate Studies by 1st February. The student’s examination results must be returned on an annual basis. Candidates who wish to register for the degree of M.Litt. or Ph.D. in theological studies may do so under the normal regulations for these degrees.

1.4 Course Co-ordinator: Professor Maureen Junker-Kenny

2. Master in Business Administration (M.B.A.)

2.1 Introduction: The Trinity M.B.A. is designed to develop creative and articulate strategic managers with strong analytical and interpersonal skills who can operate in an international environment. The Programme has a formal taught component and an experiential project based dimension. The central objective of the Programme is to assist participants individually and in teams to learn about the application of theory and concepts, initially to complex case studies and then to the substance of major strategic issues in an assigned organisation from the perspective of the General Manager. In particular, participants gain an understanding of
   1. Social, political, technological and economic forces supporting, and constraining, productive activity
   2. Analytical techniques and occupational skills needed to appreciate the value and limitations of specialists assistance
   3. The range of different interests normally present in the work situation.

2.2 Admission Requirements: Applications for admission are accepted from
1. Graduates of the University of Dublin with a first or second class moderatorship, or with a first or second class honors in a professional degree course and at least three years of appropriate managerial or professional experience

2. Graduates of recognised universities with first or second class honor degrees and at least three years of appropriate managerial or professional experience

3. Holders of degrees from recognised universities or recognised degree granting institutions who have at least three years of appropriate managerial or professional experience

4. Holders of recognised professional qualifications obtained through examinations who have spent at least three years in full-time study at a recognised third-level educational institution and who, in addition, have five years at least of appropriate managerial or professional experience

5. Holders of diplomas obtained through examinations who have spent at least three years in full-time study at a recognised third-level educational institution and who, in addition, have at least five years of appropriate managerial or professional experience

6. Candidates of over twenty-eight year of age, without a degree, diploma, or professional qualification as specified above, may apply for admission on the basis of work done in the field of their employment where the work has been acknowledged by an award of merit, by exceptional promotion in the employing body, or by publication.

Applicants under the age of 25 in the academic year for which registration is sought will not normally be considered.

2.3 **Duration:** The programme is either a) full-time for one year extending from late September through to the completion of a project report by 31st August, or b) part-time (executive) for two years. A student who has satisfactorily completed all the programme requirements will be eligible for the degree of Master in Business Administration (M.B.A.).

2.4 **Course Structure and Content:** The Trinity MBA comprises the following modules*:

<table>
<thead>
<tr>
<th>Managing the Business Environment</th>
<th>ECTS Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leadership Development Week</td>
<td>5</td>
</tr>
<tr>
<td>Economics for a Global Market</td>
<td>5</td>
</tr>
<tr>
<td>Business and Society</td>
<td>5</td>
</tr>
<tr>
<td>Management and Organisation</td>
<td>5</td>
</tr>
<tr>
<td>Organisation Behaviour</td>
<td>5</td>
</tr>
<tr>
<td>Accounting &amp; Financial Management</td>
<td>5</td>
</tr>
<tr>
<td>Corporate Finance</td>
<td>5</td>
</tr>
<tr>
<td>Quantitative Analysis</td>
<td>5</td>
</tr>
<tr>
<td>Innovation</td>
<td>5</td>
</tr>
<tr>
<td>Learning Journey I</td>
<td>5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Managing the Business Functions</th>
<th>ECTS Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Career Development Week</td>
<td>5</td>
</tr>
<tr>
<td>Financial Statement Analysis</td>
<td>5</td>
</tr>
<tr>
<td>Marketing Strategy</td>
<td>5</td>
</tr>
<tr>
<td>Operations Strategy</td>
<td>5</td>
</tr>
<tr>
<td>Strategy and Information Technology</td>
<td>5</td>
</tr>
<tr>
<td>International Finance</td>
<td>5</td>
</tr>
<tr>
<td>International Business</td>
<td>5</td>
</tr>
<tr>
<td>Strategic Management</td>
<td>5</td>
</tr>
<tr>
<td>Entrepreneurship</td>
<td>5</td>
</tr>
<tr>
<td>Learning Journey II</td>
<td>5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Translating Theory into Practice</th>
<th>ECTS Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>International Residency Week</td>
<td>5</td>
</tr>
<tr>
<td>Innovation Project</td>
<td>5</td>
</tr>
<tr>
<td>Entrepreneurship Project</td>
<td>5</td>
</tr>
<tr>
<td>Company Project</td>
<td>30</td>
</tr>
</tbody>
</table>
*The Business School reserves the right to vary the above list and, in particular, the right to withdraw modules.

The Trinity MBA provides each student with work experience in three domains including (i) innovation in the context of high-potential start-up businesses in collaboration with Enterprise Ireland, (ii) entrepreneurship in the context of social enterprise, and (iii) strategy practice in the context of blue-chip international companies.

2.5 Assessment: Varying modes of assessment including formal examination, participation in class, and assigned work are used throughout the year to evaluate participant performance. Assessment by formal written examination occurs at the completion of Michaelmas, Hilary and Trinity Terms. Assessment other than by formal examination includes participation in class and assignments such as essays, case studies, homework, personal research essays and presentations when they are conducted in conditions other than the formal university examination setting. Team-based or group-based activities form a fundamental part of the Trinity M.B.A. Programme. Many of these activities are assessed and include assignments such as group projects, case studies, presentations, the Company Project and other such activities.

2.6 Evaluation: To be eligible for the award of an M.B.A., students must:
   1. satisfy the teaching staff on class work, assignments and tests
   2. satisfy the examiners in relation to performance on the course and all projects

2.7 Applications: Applications can be found at www.trinitymba.com and should be submitted electronically.

Applicants, whose applications have been accepted by the School of Business Studies, will receive formal notice of admission from the Dean of Graduate Studies.

2.6 Programme Director: Mr Vincent Dooley

3. Doctorate in Clinical Psychology (D.Clin.Psych.)

3.1 Introduction: This course is designed to provide a high level of postgraduate professional training in clinical psychology leading to the award of a doctoral qualification. A core value in the course is the emphasis on linking theory and practice, informed by the reflective scientist practitioner philosophy of integrated training in research methods, academic knowledge and clinical experience.

3.2 Entry Requirements: Applicants will be required to hold at least an upper second class honors primary degree in psychology from a recognised university course, which confers eligibility for graduate membership of the Psychological Society of Ireland. A candidate’s demonstrated interest in the field of clinical psychology and research competence will also be taken into account.

3.3 Duration: The duration of the course is three calendar years full-time.

3.4 Admission: Successful applicants will normally be offered a contract as a trainee clinical psychologist within the Health Service Executive.

3.5 Course Structure: The course comprises three major components: (i) research training (ii) academic training and (iii) clinical placements. Students currently spend approximately 55% of course time on clinical placement; the remainder is divided between the taught academic programme and research activity.
3.6 Assessment: The performance of candidates shall be assessed by the Court of Examiners. Candidates will be assessed throughout the course by (i) written examinations, (ii) coursework (including reports of clinical activity), (iii) written submissions based on oral presentations and (iv) a dissertation. All candidates will be required to attend a viva voce examination. Assessment will be based on the evaluation of performance on eight taught academic modules, six clinical placements, four reports of clinical activity, a small-scale research project and a dissertation. All of these assessed elements of the course must be passed to successfully complete the programme.

The eight academic modules will be assessed by written examinations and/or coursework. Clinical competence on each of the six placements will be assessed by the Court of Examiners. In evaluating clinical competence, the Court of Examiners will take into account the Clinical Supervisor’s evaluation of clinical competence and the breadth and quality of experience as outlined in the clinical logbook, in the context of the trainee’s progress on the course to date. The integration of theory and clinical practice will be evaluated by means of four reports of clinical activity. The small-scale research project will be assessed by means of a written report of not more than 4,000 words. The major research project will be assessed by means of a literature review and research proposal submitted at the end of the second year and a dissertation presented during the third year of the course. This must represent an original and significant contribution to knowledge in the area and be of publishable standard in whole or in part. The dissertation will not exceed 40,000 words in length.

In the case of all course-work submissions, failure to submit work within course deadlines will result in the piece of work receiving a failing grade.

3.7 Pass/Fail Criteria: Students must pass in all assessed elements of the course. Students who fail to satisfy the Court of Examiners in any assessment may be permitted, at the discretion of the Court of Examiners, to represent themselves on one occasion only for supplementary written examination, supplementary coursework or repeat placement. Where candidates are required to repeat coursework, take a supplementary examination or repeat a placement for which a pass mark in the failed element shall be replaced by a pass mark in the case of a successful outcome. Any candidate who receives a failing mark for any piece of supplementary coursework, repeat examination or repeat placement will normally be required to withdraw from the course.

A candidate who fails a total of more than three pieces of assessment at the first attempt will normally be required to withdraw from the course. In addition, a candidate who fails more than two placements or two reports of clinical activity at the first attempt will normally be required to withdraw from the course.

Failure of any clinical placement on the grounds of serious professional misconduct will result in irreversible and outright failure and the student will be required to withdraw from the course.

Candidates who have failed items of assessment, who have not exceeded the threshold for exclusion from the course, may be permitted to progress to the next year of the course at the discretion of the Court of Examiners. If however, a candidate is deemed unsuitable across a number of areas, the Court of Examiners may recommend suspension from the course until satisfactory work is submitted.

Students must attend the entire academic programme and attend for an ‘End of Year Review’ with the Course Director. A candidate with a significant non-attendance record may receive a non-satisfactory rating and may not be permitted to advance with the class. A student who for illness or other cause is absent for more than one month will be required to take a leave of absence from the course and will be readmitted at the start of the following academic year.

Unsuitability for training constitutes sufficient grounds for exclusion of a candidate from training. Unsuitability for training includes a breach of the Psychological Society of Ireland’s Code of Ethics and/or an inability or unwillingness to uphold appropriate professional standards of behaviour in terms of constructive relationships with others (including clients, peers, tutors, supervisors or other professional or staff groups (Health Service or University)). Such unsuitability may lead to significant problems in training which by themselves have not led to repeated placement failure or failure of a re-submitted piece
of work. Unsuitability also involves an inability or unwillingness to use feedback on interpersonal difficulties in a constructive way. A recommendation to terminate registration due to unsuitability for training will only be implemented when extensive and documented attempts by the Course Team to assist the candidate in overcoming their difficulties have been unsuccessful. At a meeting of the Court of Examiners following identification of concerns, analysis of submissions and any information or views obtained from relevant parties or discussions/interviews with the trainee or supervisor will be considered. The views of the relevant clinical co-ordinators will be routinely sought. The Court of Examiners may also consider evidence from other placements, coursework or general performance on the course in making any decision. Documentary evidence should be made available to the Examiners in the form of written submissions. At this meeting the Examiners may decide to recommend to the Dean of Graduate Studies that the candidate’s registration should be terminated due to unsuitability for training.

3.8 Course Director: Dr Kevin Tierney

4. Doctorate in Counselling Psychology (D.Couns.Psych.)

4.1 Introduction: This intensive course provides professional training in counselling psychology for an annual intake of up to eighteen students. The three main objectives of the course are (1) to allow students to obtain a level of postgraduate academic and research performance appropriate for the award of a doctoral qualification (2) to progress this academic and research performance with the practice of counselling psychology, and (3) to acquire professional knowledge and skills. The course emphasises the scientist-practitioner model and research-informed practice. The scientist-practitioner model is fostered through research classes and work on the research dissertation. Students are informed on a variety of research strategies (including e.g. experimental, quasi-experimental as well as descriptive and qualitative, phenomenological, hermeneutic, discourse analytic and grounded theory approaches) and learn to critically evaluate the strengths and weaknesses of different methodologies. Taught classes as well as counselling skills training, supervision and reflective practice modules emphasise the application of current psychological knowledge informed by empirical research in the work of the counselling psychologist. The students are facilitated to be aware of current research findings and to incorporate them into their clinical practice.

4.2 Course Structure: In the first year, the course offers graduates in psychology academic and practical skills training in counselling psychology, significant personal development work, and a foundation in research. Professional and case management issues as well as life span developmental psychology and its applications, are taught. Assessment procedures and psychometric tests particularly relevant to counselling psychology are taught and competence in administering, scoring, and interpreting relevant tests is required. The second year involves further training in counselling theories and practice, continued professional development work, and an emphasis on research in counselling psychology. Couples and group counselling training is provided. Workshops are offered by specialists in various areas on contemporary topics. The third year includes small group supervision, reflective practice, and advanced counselling theory and application. However, the main focus will be on research. A research project resulting in the doctoral dissertation is carried throughout the three years. Students are responsible for identifying their own dissertation supervisor, and for related costs, e.g. photocopying and binding, unless covered under a research grant.

Prior to starting placement, first year students attend a three day orientation to the College and the Course, followed by six weeks of intensive work on campus. After that students are typically on placement two full days per week, and in college two full days per week (during terms), however, adjustments considering the course and placement requirements may be sought by the course. Each student is actively involved in supervised counselling work over the academic year. Supervision is provided in multiple formats weekly, e.g. 1:1 casework.
supervision by a site Supervisor, small group in College, and video work in College. Students must adhere to the PSI Code of Professional Ethics (www.psihq.org) and the College guidelines on clinical competence.

Each student is required to undertake a minimum of 75 hours of personal counselling at their own expense in addition to the group dynamics work provided by and required by the course. Students meet weekly with a learning partner as a source of support and personal development activity.

Outline of modules:
First Year Modules:
- Small Group Supervision I
- Counselling Skills Training I
- Personal Development I
- Reflective practice
- Professional Issues in Counselling Psychology and Case Management
- Theories and Approaches to Counselling - Theoretical Issues in Counselling Psychology
- Advanced Life Span Developmental Psychology - Theory & Practice
- Assessment Procedures & Psychometrics
- Research in Counselling Psychology I
- Small scale research
- Placements

Second Year Modules:
- Small Group Supervision II
- Reflective practice and research
- Counselling Skills Training II
- Advanced Counselling Theory and its Application - Counselling modalities I
- Personal Development II
- Research in Counselling Psychology II
- Dissertation Research – Research Proposal & Literature Review
- Placements II

Third Year Modules:
- Small Group Supervision III
- Advanced Counselling Theory and its Application II
- Dissertation Research – Dissertation
- Placements III

4.3 Admission: Applicants must normally hold at least a second class honors degree upper division in Psychology or equivalent e.g. Dip.Psych. with relevant professional experience, from a recognised university course, which confers eligibility for graduate membership of the Psychological Society of Ireland when they start the course. International applicants with equivalent qualifications are most welcome to apply. Personal interviews, group and individual format, are held the end of March of each year for entry the following September. In exceptional cases, a telephone interview may be conducted. Applicants must also complete a personal statement questionnaire as well as the College’s standard application form.

4.4 Duration: This is a three calendar years, full time, intensive course. As well as community based placement work hours (placements follow the assigned agency’s calendar, not the College calendar), summer commitment is also required to complete academic papers, conduct research, client work related reading, etc. Supplementary summer placements are required for some students. All students are encouraged, and some are required, to continue their placement one day per week throughout the summer months. A research project resulting in the doctoral dissertation is carried throughout the three years, including summer months.
4.5 Assessment: A variety of assessment methods is used depending on a specific module, e.g. skills evaluation and in-class participation, essays, multiple choice tests, personal & professional development report, process reports, case studies, student presentations. Practical work is also assessed, e.g. through presentations, supervisor's evaluation. Research is assessed, e.g. research proposal, literature review, and Doctoral Dissertation. For details see the Course Handbook.

In order to rise with their year (i.e. from year 1 to year 2 and from year 2 to year 3), students must achieve a satisfactory level of performance in each and every aspect of assessment. A Pass standard must be achieved on each module. If a student should fail to achieve a Pass standard on any component, s/he must satisfy the examiners by fulfilling such other resubmission/resit of the assessment of that component as the Course Director, and ultimately, the Court of Examiners decides. A student who fails to achieve a Pass standard in a total of more than three pieces of assessment in a year at the first attempt will be deemed to have failed the course and will not be permitted to proceed. A student will not be permitted to proceed if s/he fails to satisfactorily complete the course requirements or to reach a Pass standard in all assessments for the year. All marks given during the year are provisional until accepted by the Court of Examiners, which meets in September.

Resubmission Procedures for assessments (excluding placements) that fail to reach a Pass standard: Where a resubmission or resit of assessed work is required, a maximum grade of Pass will be awarded, regardless of the quality of the work. If the re-submitted work does not meet the marking criteria for a pass grade, the student will be considered to have failed the course.

Unsuitability for training constitutes sufficient grounds for exclusion of a candidate from the course. Unsuitability for training includes a breach of the Psychological Society of Ireland’s Code of Ethics and/or an inability or unwillingness to uphold appropriate professional standards of behaviour. In terms of constructive relationships with others (including clients, peers, tutors, supervisors or other professional or staff groups). Such unsuitability may lead to significant problems in training which by themselves have not led to repeated placement failure or failure of a re-submitted piece of work. Unsuitability also involves an inability or unwillingness to use feedback on interpersonal difficulties in a constructive way. Where concerns over a student’s suitability arise, the Course Director will consult with the student concerned in the first instance and attempt to identify a course of action that must be completed by the student. If a student fails to meet the requirements specified by the Course Director or if it is not be possible to identify an appropriate course of action, the case will be referred to the Course Management Committee and/or External Examiner who may recommend further action or ultimately may recommend that the student be excluded from the course. An assessment of the student’s suitability for training by an external specialist may be requested by the Course Management Committee.

Procedures for failed placement: The reason for the Fail must be clearly stated in writing and shared with the student. If the Fail was due to poor development of clinical skills, the placement site and course supervisor, tutor and/or Director will meet to determine the most appropriate course of action (which may involve supplementary time on placement if this can be accommodated within the academic year – where supplementary time on placement cannot be accommodated within the academic year, the student may be permitted to repeat the year on the recommendation of the Court of Examiners). If the Fail was due to unethical behaviour, the case will be considered and fully investigated by the Course Management Committee. If the Fail was due to serious unethical or illegal behaviour, the Course Management Committee will decide on the appropriate course of action which may include exclusion of the student from the course. In addition, the student would also be referred to the Psychological Society of Ireland or their particular Professional Society. If the Fail was due to unethical behaviour of a less serious nature, the Course Management Committee may recommend supplementary time on placement (where this can be accommodated within the academic year – where supplementary time
on placement cannot be accommodated within the academic year, the student may be permitted to repeat the year on the recommendation of the Court of Examiners. The student must achieve a Pass standard for the supplementary time on placement. If the student receives a second Fail for placement, s/he will be excluded from the course.

4.6 **Dissertation:** Submission criteria will follow the College document “Regulations, guidelines and notes for candidates on submission for a higher degree by thesis”. The total length for the whole dissertation must be within the range of 50,000 – 55,000 words including tables and references. Four soft-bound copies of the dissertation must be submitted to the course administrator. All candidates for the D.Couns.Psych. will have a viva examination. The examination process of the dissertation will involve the external examiner appointed to the course who acts in a primary role, with a designated member of academic staff of the School serving in a secondary capacity. Following the viva, the examiners recommend a mark in line with the relevant regulations as laid out in the Calendar Part 2.

Candidates who achieve a pass on all components of the course will be eligible for the award of Doctorate in Counselling Psychology. Candidates who do not successfully complete the third year of the programme but who have passed all assessments in the first two years will have the option of submitting an M.Sc. dissertation to obtain a Master in Counselling Psychology degree.

4.7 **Course Director:** Dr Ladislav Timulak

5. **Professional Doctorate in Education (D.Ed.)**

   **Note:** There is no intake in 2009/2010

5.1 **Introduction:** The Doctor in Education is a research programme which comprises eight structured taught modules and a substantial research thesis component. The D.Ed. is aimed at educational and related professionals who wish to study at a doctoral level. The intention is to prepare professionals to meet the challenge of working in a changing educational landscape at various levels (classroom based, management and leadership, policy making) and across different sectors. The two main aims of the programme are firstly to enable professionals to critically explore in-depth various dimensions of their own practice and secondly, be able to undertake, manage and commission research studies in educational or related contexts.

5.2 **Entry Requirements:** Applicants will be required to hold at least a Masters qualification or equivalent and have completed a minimum of three years experience in an educational or related field. Selection will be made on the basis of both written applications and interviews.

5.3 **Duration:** The course is five years part-time.

5.4 **Course structure:** The course comprises three interlinked areas: (1) the critical exploration of contemporary educational issues within Irish, European and Global contexts, (2) research methodology and (3) a research-based thesis. Areas (1) and (2) are taught through eight interconnected modules over the first three years of the programme, whereas (3) is ongoing and developmental from registration to completion. Students are allocated appropriate Supervisors on entry to the programme, whereupon the student begins work on developing their research proposal, which is carried out in detail in years 3 to 5.

5.5 **Assessment:** Students are assessed by written (or equivalent) assignments of around 5,000 words at the end of 6 of the 8 modules. Progression onto the substantive thesis work which should normally occur in years 3-5 is assessed by an ‘upgrade’ assessment towards the end of year 2. The upgrade is a form of oral and written...
assessment which is designed to ensure that the student is ready to progress onto year 3 of
the programme.

5.6  Course Director: Dr Andrew Loxley


6.1  Introduction: The degree of Master in Education (M.Ed.) is a professional degree. The
graduate programme leading to its award is organised and administered by the School
of Education. The degree is intended for persons who wish to gain a comprehensive and
contemporary understanding in either one of the specialisms offered or in a number of
disciplines that inform educational theory and practice. It seeks to equip those who aspire to
positions of leadership in fields such as teaching, teacher education, health sciences
education, educational management, educational guidance and counselling, special
educational needs, school violence and aggression, and educational research, with an
ability to participate effectively in the advancement of knowledge, the formation of policy, the
promotion of innovation, and the improvement of practice.

6.2  Admission Requirements: Applicants are normally expected to hold a good honors
degree and have at least two years experience in the field of education. The course is open
to teachers at all levels of the education system, as well as other suitably qualified
professionals working in the area of education, training and educare. Graduates in fields
such as history, philosophy, psychology, administration or health sciences, who do not have
such experience, but who wish to relate their particular fields of competence to the practice
of education, may also be considered on an individual basis.

6.3  Duration: The duration of the programme is normally two years part-time or one
year full-time.

6.4  Course Structure: The M.Ed. programme is built around the following seven distinct
routes or tracks;

- Science Education
- Educational Guidance and Counselling
- Educational Leadership and Management
- Special Education
- Aggression Studies
- Drama in Education
- Foundation Studies

The total credit rating for the programme is 90 ECTS. These credits are distributed among
the taught component and the dissertation. Both the taught component and the dissertation
carry 45 ECTS each. Within the taught component, each route contains four theme modules
(10 ECTS each) and one general module in Academic Writing and Critique (5 ECTS). In the
case of Foundation Studies the four modules are chosen from a range of offerings to
include: history of education, philosophy of education, sociology of education, educational
psychology, ICTs in education, Irish language, culture and education, international and
comparative education, language education, curriculum, assessment and evaluation, and
education and social policy.

The remaining 45 ECTS are thus allocated to the dissertation. The 45 ECTS
allocated to the dissertation is a reflection of the greater level of student input required to
successfully complete this part of the programme. However, included within these 45 credits
are 5 credits which are allocated to formal research methodology sessions.

It is expected that students will complete the M.Ed. in a two-year period (part-time)
by taking four modules. All the taught elements, with the exception of some of the research
methods, will be taken in Year 1. Year 2 will focus on the dissertation element of the
programme.
*List of Modules:

**Compulsory Modules across all strands**
- Academic Writing and Critique 5
- Research Methods 5

**Aggression Studies Modules**
- The Psychology of Aggressive Behaviour 10
- The Psychology of Child and Adolescent Development 10
- Preventing and Countering Bullying Behaviour 10
- Harrassment and Violence in Schools and Implementing an Anti-Bullying programme in Schools 10

**Drama in Education Modules**
- The nature, form and key components in drama 10
- Key practitioners and their work in structuring sequences in drama 10
- Online critical reading seminar 10
- Theatre in education – Issues in drama 10

**Educational Leadership and Management Modules**
- Management Practice & Development 10
- Strategic Issues in Educational Management 10
- Organisational Management: systemic perspectives 10

**Educational Guidance and Counselling Modules**
- Counselling Theory and Practice 10
- Vocational Psychology, Life span development and Theories of Human Development 10
- Interculturalism, MCT Counselling, Family and Living Systems in Psychotherapy and Mental Health 10
- Statistics and Psychometrics (Levels A and B) 10

**Foundation Studies Modules**
- History of Education 10
- Philosophy of Education 10
- ICT in Education 10
- Irish Language, Culture and Education 10
- Educational Psychology 10
- Sociology of Education 10
- International and Comparative Education 10
- Introduction to Language Education 10
- Curriculum, Assessment and Evaluation 10
- Educational and Social Policy 10
- Mathematics Education 10

*Not all modules may be offered in a given academic year*

**Science Education Modules**
- The contexts of science education 10
- The student and science education 10
- Research issues in science education 10

**Special Educational Needs Modules**
- Introduction to Special Education for the Classroom Teacher 10
- Special Needs and the Curriculum 10
- Including Children with Disabilities in the Ordinary Classroom 10
- Special Education Support for the Ordinary School 10

**6.5 Assessment:** Students will complete four written (or equivalent) assignments of 3,000-5,000 words in each module, which are graded, with 40% being the pass level. The size and type of assessment will vary according to the requirements of the modules. The research methods module will be compulsory and will form part of the student’s final dissertation work. The academic writing module will be assessed on a pass/fail basis. Those students who, for any reason, do not wish to continue to the dissertation on the M. Ed. Programme may, after satisfactorily completing a sufficient number of modules, apply to exit.
with a Postgraduate Diploma in Educational Studies. Any student, who is awarded the Postgraduate Diploma, automatically forfeits progression to the M.Ed. at any later stage.

Students can be awarded the M.Ed. with Distinction if they achieve a mark of Distinction (70%+) on their dissertation together with a mark of Distinction (an average of 70%+) across the four modules.

6.6 Leave of absence: Established teachers in primary and post-primary schools within the State may be given leave of absence with salary in order to follow the degree programme, provided that suitable arrangements for substitution are made at no additional cost to the State. This arrangement has been made by the Department of Education and Science and it has enabled teachers throughout the country to take the degree. The normal procedure is that, following acceptance into the degree programme, a teacher first seeks approval for release from the managerial authorities of his or her school and for the proposed substitution arrangements. If this approval is forthcoming, an approach is made to the Department of Education and Science. Both the Department of Education and Science and the managerial authorities have co-operated generously in the past with regard to this scheme.

6.7 Course Co-ordinators: Dr Peter Conroy and Mr Keith Johnston

7. Master in Laws (LL.M.)

7.1 Introduction: The LL.M. is directed at well-qualified graduates in law and related disciplines. It seeks to promote critical analysis of, and reflection on, different aspects of national, European and international law.

7.2 Admission Requirements: As a minimum requirement, candidates for the LL.M. degree must hold a good honors law or law-based interdisciplinary degree. Admission to the programme is at the discretion of the LL.M. Sub-Committee who will decide on questions of admission having regard to the totality of all application files and the objectives of ensuring a diverse LLM class of the highest possible academic calibre.

7.3 Duration: The LL.M. is a full-time course lasting a year. Lectures commence in October and finish in May. A research dissertation must be submitted by the end of the following July.

7.4 Course Structure: Candidates are required to take a total of six modules over two semesters, each of eleven weeks duration, and complete a research dissertation of not more than 25,000 words on an approved theme. Each module will be awarded 10 ECTS, whereas 30 ECTS are awarded for the research dissertation.

The six modules must be chosen from the following list:
1. Advocacy in Mediation
2. African Human Rights Law
3. Alternative Dispute Resolution in Ireland
4. Comparative Civil Rights
5. Corporate Governance
6. Criminal Evidence
7. Cross-Border Commercial Litigation in Europe
8. EC Competition Law
9. Employment Litigation
10. EU Banking Law
11. EC Environmental Law
12. EU Financial Services Law
13. EU Securities Law
14. EU Sports Business Law
15. EU Travel and Tourism Law
The Law School reserves the right to vary the above list and, in particular, the right to withdraw modules. Note that time-tabling considerations will also restrict choice.

### 7.5 Assessment procedure:

The assessment procedure takes place in two stages – first, end of semester examinations in the six modules selected by the candidate and, second, assessment of the research dissertation which must be submitted by 31st July. Modules are assessed by written examinations or, where the approval of the Court of Examiners has been obtained, wholly or partly by reference to coursework. In order to obtain the LL.M. degree, a candidate must:

a) Obtain an overall average of at least 40%

b) Not have fallen below 40% in the research dissertation and

c) Not have fallen below 40% in more than two modules and

d) Not have fallen below 30% in any one module unless, in the opinion of the Court of Examiners, his/her performances in the other modules is such as to extenuate his/her failure. A student who fails a module or modules may re-sit the relevant module(s) during the supplemental examination session or at such other time as the Dean of Graduate Studies may direct. A student whose research dissertation falls below 40% may re-submit the dissertation within six months of the date on which the dissertation originally had to be submitted but such re-submitted dissertation shall be marked out of a range of 0-50%.

### 7.6 Co-ordinator:

Dr Neville Cox

---

8. Master in Management (M.Sc. (Mgmt.))

8.1 Introduction: The Masters in Management suite of programmes is designed to serve the needs of managers and their organisations. The programmes allow managers and organisations to focus on and develop special skills in aspects of the task of understanding organisations and leading change. The programmes extend over a two-year period and detailed information about them is available from the School of Business. A student who has completed one of these programmes will be eligible for the degree of Master in Science (M.Sc. (Mgmt.)).

8.2 Admission Requirements: Applications for admission are accepted from

- a) Graduates of the University of Dublin with a first or second class moderatorship or with a first or second class honors in a professional degree course
b) graduates of recognised universities with first or second class honors degrees

c) holders of degrees from recognised universities or recognised degree granting institutions who, in addition, have experienced at least three years of employment

d) holders of recognised professional qualifications obtained through examinations who have spent at least four years in study and who, in addition, have been employed for two years at least in the work of their profession

e) holders of diplomas obtained through examinations who have spent at least three years in full-time study at a recognised third-level educational institution and who, in addition, have experienced at least five years of employment.

8.3 Candidates of over twenty-eight years of age, without a degree, diploma, or professional qualification as specified above may apply for admission on the basis of work done in the field of their employment where the work has been acknowledged by an award of merit, or by exceptional promotion in the employing body.

8.4 Applicants who have graduated, or obtained professional qualifications, in a range of studies substantially similar to those of the course will not normally be considered.

Business Administration Programme (M.Sc. (Mgmt.))

There is no intake in 2009/10

8.5 The business administration programme is intended for senior practising managers in substantial Irish enterprises which are adjusting to changes in the international business environment. The programme comprises lectures and project work dealing with the issues involved in the management of the process of strategic change.

The programme comprises twelve modules and a Company Project, as follows:

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Module</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>1. Introduction to Strategic Management</td>
</tr>
<tr>
<td>5</td>
<td>2. Organisation Behaviour</td>
</tr>
<tr>
<td>5</td>
<td>3. Organisation Theory</td>
</tr>
<tr>
<td>5</td>
<td>4. Economics</td>
</tr>
<tr>
<td>5</td>
<td>5. Marketing Management</td>
</tr>
<tr>
<td>5</td>
<td>6. Financial Analysis</td>
</tr>
<tr>
<td>5</td>
<td>7. Operation and Information Technology</td>
</tr>
<tr>
<td>5</td>
<td>8 Human Resource Management</td>
</tr>
<tr>
<td>5</td>
<td>9 Managing Organisational Change</td>
</tr>
<tr>
<td>5</td>
<td>10 Managing Strategic Change</td>
</tr>
<tr>
<td>5</td>
<td>11 Context and Change Management</td>
</tr>
<tr>
<td>5</td>
<td>12 Entrepreneurship</td>
</tr>
<tr>
<td>30</td>
<td>13 Company Project</td>
</tr>
</tbody>
</table>

The Business School reserves the right to vary the above list and, in particular, the right to withdraw modules.

To complete the course a student must

a) satisfy the examiners in the examinations during the first year of the course

b) satisfy the teaching staff on the tests and project work that form part of the system of continuous assessment

c) satisfactorily complete a research dissertation.

International Business Programme (M.Sc. (Mgmt.))

There is no intake in 2009/10

8.6 This programme, which is offered by The School of Business in collaboration with Enterprise Ireland, is intended for senior managers and high potential candidates in the small and medium sized business sector (SME). The programme, which has a strong focus
on strategy and execution, will support the growth of these businesses in international markets with a particular emphasis on enhancing their capability in the field of strategic sales and marketing. The programme comprises twelve modules and an Integrating Project, as follows:

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Module</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>1. Customer and Buyer Behaviour</td>
</tr>
<tr>
<td>5</td>
<td>2. International Strategy</td>
</tr>
<tr>
<td>5</td>
<td>3. International Business</td>
</tr>
<tr>
<td>5</td>
<td>4. Global Marketing</td>
</tr>
<tr>
<td>5</td>
<td>5. Market Entry Decision Making</td>
</tr>
<tr>
<td>5</td>
<td>6. Information Technology</td>
</tr>
<tr>
<td>5</td>
<td>7. Distribution in International Markets</td>
</tr>
<tr>
<td>5</td>
<td>8. Managing International Sales</td>
</tr>
<tr>
<td>5</td>
<td>9. Managing New Product Development</td>
</tr>
<tr>
<td>5</td>
<td>10. Managing Strategic Change</td>
</tr>
<tr>
<td>5</td>
<td>11. Strategic Leadership</td>
</tr>
<tr>
<td>5</td>
<td>12. Managing High-tech Products &amp; Services</td>
</tr>
<tr>
<td>30</td>
<td>13. Integrating Project</td>
</tr>
</tbody>
</table>

The Business School reserves the right to vary the above list and, in particular, the right to withdraw modules.

To successfully complete the programme students must
(a) satisfy the teaching staff and examiners on course work and continuous assessment during each module of the programme
(b) satisfy the examiners in assignment examinations after each module
(c) satisfactorily complete an integrating project which is submitted as a dissertation at the end of the second year of the course.

**Management Practice Programme (M.Sc. (Mgmt.))**

8.7 The management practice programme is intended for senior practising managers, the course of study being directly related to their work.

The programme comprises twelve modules and a Company Project, as follows:

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Module</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>1. Strategy</td>
</tr>
<tr>
<td>5</td>
<td>2. Organisational Behaviour</td>
</tr>
<tr>
<td>5</td>
<td>3. Organisational Design</td>
</tr>
<tr>
<td>5</td>
<td>4. Finance</td>
</tr>
<tr>
<td>5</td>
<td>5. IT Strategy</td>
</tr>
<tr>
<td>5</td>
<td>6. Management of Change</td>
</tr>
<tr>
<td>5</td>
<td>7. Operations Management</td>
</tr>
<tr>
<td>5</td>
<td>8. Human Resource Management</td>
</tr>
<tr>
<td>5</td>
<td>9. Marketing Management</td>
</tr>
<tr>
<td>5</td>
<td>10. Learning and Research</td>
</tr>
<tr>
<td>5</td>
<td>11. Product Development/Innovation</td>
</tr>
<tr>
<td>5</td>
<td>12. Personal and Professional Development</td>
</tr>
<tr>
<td>30</td>
<td>13. Company Project</td>
</tr>
</tbody>
</table>

The Business School reserves the right to vary the above list and, in particular, the right to withdraw modules.

To complete the course a student must:

a) satisfy the teaching staff on class work, assignments and tests, and
b) satisfy the examiners in relation to performance on the course and on a dissertation which must be submitted at the end of the course.
Organisational Behaviour Programme (M.Sc. (Mgmt.))

8.8 The organisation behaviour programme comprises lectures and class work covering applications of social sciences relevant to the understanding of behaviour within organisations.

The programme comprises twelve modules and a dissertation, as follows:

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Module Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Organisational Behaviour I</td>
</tr>
<tr>
<td>5</td>
<td>Organisational Theory, Design &amp; Analysis</td>
</tr>
<tr>
<td>5</td>
<td>Organisational Behaviour II</td>
</tr>
<tr>
<td>5</td>
<td>Strategic Management</td>
</tr>
<tr>
<td>5</td>
<td>Statistics for the Behavioural Sciences</td>
</tr>
<tr>
<td>5</td>
<td>Research Methods</td>
</tr>
<tr>
<td>5</td>
<td>Advanced Organisational Behaviour</td>
</tr>
<tr>
<td>5</td>
<td>Human Resource Management</td>
</tr>
<tr>
<td>5</td>
<td>Organisation Design and Change</td>
</tr>
<tr>
<td>5</td>
<td>Negotiation Skills</td>
</tr>
<tr>
<td>5</td>
<td>Sociology</td>
</tr>
<tr>
<td>5</td>
<td>Career Development</td>
</tr>
<tr>
<td>30</td>
<td>Dissertation</td>
</tr>
</tbody>
</table>

The Business School reserves the right to vary the above list and, in particular, the right to withdraw modules.

To complete the course a student must:

a) satisfy the teaching staff on class work and on the essays and tests that form part of the system of continuous assessment
b) satisfy the examiners in the examinations at the end of Trinity term in both the first and second year of the course
c) satisfy the examiners on the dissertation which must be submitted during the second year of the course.

Strategic Management (Public Sector Programme) (M.Sc. (Mgmt.))

There is no intake in 2009/10

8.9 This programme is intended for senior practising managers in the public sector concerned with strategic management, strategic planning and strategy analysis. Participants are normally line managers and staff specialists in the area of strategy.

The programme comprises the following modules:

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Module Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Public Management Analysis</td>
</tr>
<tr>
<td>5</td>
<td>Strategic Management</td>
</tr>
<tr>
<td>5</td>
<td>Organisation Theory and Design</td>
</tr>
<tr>
<td>5</td>
<td>World Economy</td>
</tr>
<tr>
<td>5</td>
<td>Organisation Behaviour</td>
</tr>
<tr>
<td>5</td>
<td>Human Resource Management</td>
</tr>
<tr>
<td>5</td>
<td>Financial Management</td>
</tr>
<tr>
<td>5</td>
<td>Managing Information Technology</td>
</tr>
<tr>
<td>5</td>
<td>Change Management</td>
</tr>
<tr>
<td>5</td>
<td>Leading Change</td>
</tr>
<tr>
<td>5</td>
<td>Delivering Service Operations</td>
</tr>
<tr>
<td>5</td>
<td>Communications and Public Affairs</td>
</tr>
<tr>
<td>5</td>
<td>Strategic Renewal</td>
</tr>
<tr>
<td>5</td>
<td>Implications of CPMR Research for CS</td>
</tr>
<tr>
<td>5</td>
<td>Practitioner classes</td>
</tr>
</tbody>
</table>

75
To complete the course a student must
a) satisfy the examiners in the examinations during the first year of the course
b) satisfy the teaching staff on the tests and project work that form part of the
   system of continuous assessment
c) satisfactorily complete a research dissertation.

8.10 Course Co-ordinators in the order of listed modules: Professor Mary-Rose Greville,
Mr John Quilliam, Mr Anthony Dromgoole, Mr Andrew McLaughlin, Professor John Murray.


9.1 Introduction: The Master in Social Work course offers a route to a professional
qualification in social work for applicants with a primary degree in the social sciences or
equivalent. It combines an academic postgraduate award (Diploma in Social Work or
Masters in Social Work) with the National Qualification in Social Work (NQSW). The
professional qualification (NQSW) is awarded by the National Social Work Qualifications
Board (NSWQB), and the academic qualification is awarded by the University of Dublin. The
Master in Social Work is both an academic and vocational course, combining university-
based learning and work experience conducted under the supervision of professionally
qualified social workers. Social work is a challenging and a rewarding activity and requires a
personal commitment to the ideals and values of the social work profession. Those
considering social work as a career option should be aware of its ethical and value
dimensions and, in particular, the commitment of practitioners to the promotion of social
justice.

9.2 Admission Requirements: Admission to the Master in Social Work programme is
based on a competitive selection procedure. Candidates must have
a) A primary social science degree (second class honors or higher), or
equivalent; and
b) Relevant practice experience.

Normally candidates who do not hold a social science degree, are required to
establish that their primary degree and related studies have provided them with a sufficient
foundation in the social science subjects of social policy, sociology, politics and economics.

Prior to acceptance on the course, candidates will be required to demonstrate a
minimum of nine month’s practice experience fulltime or equivalent. Practice experience will
be judged on the basis of the quality and relevance of practice experience, and what the
individual candidate has gained from it.

When assessing the quality of previous practice experience, the factors taken into
consideration will include the nature of the tasks undertaken, the quantity and quality of
supervision and training available to, and availed of by, the candidate, and the connections
the candidate can make between practice experiences and wider social issues. Examples of
relevant practice experience include employment as residential child care or social care
workers, social work assistants, family access or family support workers. Voluntary work
covers a wide range of activities such as phone-line counselling, volunteer support and
befriending work, and community activism. Informal experience of helping, even if
extensive, would not by itself be considered to fulfill this criterion of relevant practice
experience.

Candidates without sufficient relevant work experience and sufficient foundation
courses in the core social science subjects will not be offered an interview.

9.3 Application Process: Selection for the places available on this course will be made
on the basis of written applications, references and interviews. In addition to the College
application form, a separate School of Social Work and Social Policy application form must also be completed. Two references must be supplied; one academic reference, plus one practice reference related to experience in the social care/social work field. The practice reference must be provided by the applicant’s practice supervisor, manager or volunteer co-ordinator. Relatives may not act as referees. Students register on the Masters programme in the first instance.

9.4 Course structure: The Master in Social Work programme is a combined two-year postgraduate degree and professional social work training course. The course is full-time and consists of both academic and fieldwork components. Teaching commences in mid-September of both year one and year two.

The M.S.W. is worth 135 ECTS and consists of the following modules:

Year 1 – 60 ECTS
1. Social Work Theory for Practice 10 ECTS
2. Child and Family Studies 5 ECTS
3. Social Work Practice 30 ECTS
4. Social Work Policy and Research 15 ECTS

Year 2 – 75 ECTS
1. Social Work in Diverse Settings 10 ECTS
2. Critical Discourses, Organisational, International and Legal Perspectives in Social Work 5 ECTS
3. Social Work Practice 30 ECTS
4. Research Dissertation 30 ECTS

9.5 Assessment: Students in the first instance register for the Master in Social Work programme. The pass mark for written work in Year One is 40%. Students who wish to submit a dissertation for examination at the end of Year Two for the award of Master in Social Work must achieve a pass mark of 50% in all written work in Year One and Year Two.

All written work must be submitted in order to fulfil the requirements of the course. Fieldwork placements must be passed for students to proceed from Year One to Year Two and there is no compensation between academic and practice performance.

Students will be permitted one opportunity to re-submit written work which either fails or does not reach the 50% standard provided that they do so within two months of having received their original grade. Such resubmitted work will be marked out of a range of 0-50%. Those students who, having had the opportunity to resubmit written work once, do not obtain a standard of at least 50% in all written work, will not be permitted to submit a dissertation for examination for the Master in Social Work in Year Two. Instead, they will be permitted to submit a lesser dissertation for examination for the award of Postgraduate Diploma in Social Work. Any student, who is awarded the Postgraduate Diploma, automatically forfeits progression to the M.S.W. at any later stage.

9.6 Research Dissertation: During Year Two, students complete either a dissertation (of between 15,000–17,000 words) for submission for the award of Master in Social Work, or a Personal Framework for Practice (of between 8,000–10,000 words) for submission for the award of Postgraduate Diploma in Social Work. These assignments must be examined and passed in order for the relevant academic qualification to be awarded. Students will be permitted one opportunity to re-submit their dissertation. If a student does not receive a Pass mark in a re-submitted dissertation they may apply to the Course Committee for permission to submit a Personal Framework for Practice for consideration for the lesser award of Postgraduate Diploma in Social Work.

The National Qualification in Social Work (NQSW) cannot be awarded to students who do not successfully complete all programme requirements.
9.7 **Fieldwork Information**: Students will be required to undertake at least two fieldwork placements over the two years totalling 1,000 hours duration. Unfortunately, the College is unable to offer funding to offset costs incurred as a result of undertaking fieldwork placements.

Garda (Police) clearance is required by employers for social work students placed in their agencies. Students contemplating social work training should be aware that this is a placement requirement.

9.8 **Course Director**: Ms Maeve Foreman

10. **Master of Studies (M.St.) in School Leadership and Educational Studies**

10.1 **Introduction**: The M.St. degree course is designed to enhance the theoretical and practical expertise of practitioners in relevant educational and leadership areas. The requirements of the M.St. degree will be:

1. submission of a satisfactory research proposal and its presentation and acceptance at a subsequent interview
2. completion of Continuing Professional Development Postgraduate Diploma or equivalent qualification from another institution which is deemed appropriate by the Co-ordinating Committee
3. a dissertation of 20,000-25,000 words on a topic appropriate to the degree being sought.

10.2 **Aims**: The aims of the Masters degree is to:

1. develop an understanding of education, curriculum, school leadership and related social issues of current and continuing concern
2. enhance practical expertise in relevant curriculum and leadership areas
3. develop skills in the management of change and innovation and school-based research in a school or classroom by involving the student in the planning, implementation and evaluation of an educational innovation or investigation related to the students’ professional practice.

10.3 **Admission Requirements**: This course is provided for recognised teachers, and others with a professional interest in education, who have a primary degree or equivalent, and who have completed the coursework requirements of one Continuing Professional Development Postgraduate Diploma obtaining the minimum pass at 2:2 level. All students are required to submit a research proposal and present it at an interview. Progression to the writing of the M.St. dissertation is dependent on the acceptance of this research proposal at the subsequent interview. The University will consider exempting students from the requirement of the initial Postgraduate Diploma where the student has recently achieved a satisfactory standard (normally a second class or higher grade) in a Postgraduate Diploma of equivalent standing from a recognised institution of higher education in relevant subject areas. Each case is determined on its own merits and students seeking exemptions must in the first instance apply in writing to the Co-ordinator, indicating clearly the content and grades of the qualification.

10.4 **Duration**: The course is one-year, on a part-time basis.

10.5 **Assessment**: To complete the degree programme a student must:

1. Satisfy the examiners with regard to any tests, assignments and examinations prescribed.
2. Prepare a satisfactory research proposal and present it at an interview.
3. Satisfactorily complete a research dissertation.

The required dissertation on the research topic will be both internally and externally assessed according to college criteria. This dissertation is worth 90 ECTS.
11. Applied Psychology (M.Sc.)

11.1 Introduction: The course is designed to provide students with a general awareness of the problems of applying psychology, a knowledge of skills required to apply it effectively and a detailed understanding of their chosen focus of application. The themes of analysis, intervention and evaluation are central to the structure and philosophy of the course. The core modules provide training in research methods and professional issues. Optional modules enable the further development of these competencies and knowledge while enabling students to consider their application in specified content areas.

11.2 Admission Requirements: Applicants will be required to hold at least an upper second class honors degree or its equivalent from a recognised university course, which confers eligibility for graduate membership of the Psychological Society of Ireland and the equivalent professional body in the case of overseas applicants.

11.3 Duration: The course will normally last for one year in the full time mode or two years in the part-time mode. In either case students may take an additional year to complete their dissertation upon payment of a continuation fee.

11.4 Course Structure: The following two core modules are compulsory and will be offered every year:

- Philosophical and professional issues in applied psychology (10 ECTS)
- Research Methodology and Statistics (10 ECTS)

A range of applied optional modules will be offered each year and students must take four of these modules. In general, each module will be offered annually (subject to staff availability, timetabling constraints and demand). The following is an example of the range of modules that has been offered:

<table>
<thead>
<tr>
<th>Module</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to psychometrics</td>
<td>10</td>
</tr>
<tr>
<td>ABA Definitions, characteristics and basic principles</td>
<td>10</td>
</tr>
<tr>
<td>Counselling Skills</td>
<td>10</td>
</tr>
<tr>
<td>Health Psychology</td>
<td>10</td>
</tr>
<tr>
<td>Safety management</td>
<td>10</td>
</tr>
<tr>
<td>Ergonomics</td>
<td>10</td>
</tr>
<tr>
<td>Organisational change</td>
<td>10</td>
</tr>
<tr>
<td>Issues in child and adolescent clinical psychology</td>
<td>10</td>
</tr>
<tr>
<td>Issues in adult clinical psychology</td>
<td>10</td>
</tr>
<tr>
<td>Issues in clinical psychology and intellectual disability</td>
<td>10</td>
</tr>
</tbody>
</table>

In addition all students will be required to submit a dissertation based on an empirical investigation of a topic in applied psychology (30 ECTS).

11.5 Assessment: Candidates shall be assessed throughout the course by:

- Written examination
- Coursework
- A combination of examination and coursework
- A dissertation based on an empirical project

In order to be awarded the degree of Master of Science in Applied Psychology, candidates must satisfy the Court of Examiners by passing all six of the taught modules of
the course and by obtaining a pass on the dissertation. The pass mark for modules is 50%.
Where a module involves more than one assessment all items of assessment must be
passed. Candidates are normally expected to pass all taught modules and the dissertation.
However, failure in one taught module may be permitted provided there is evidence of work
of sufficient merit in other modules as determined by the Court of Examiners. Students who
fail to satisfy the Court of Examiners in any module may be permitted at the discretion of the
Court to represent themselves on one occasion only for supplementary written work or
examination. Where a student is required to take such supplementary work or examination
the original mark in the failed module will be replaced by 50% in the case of a successful
outcome. Any candidate who fails any piece of supplementary coursework or repeat
examination will be required to withdraw from the programme. A candidate who fails more
than three modules at the first attempt will be required to withdraw from the programme.

11.6 **Course Director:** Dr Tim Trimble

12. **Applied Social Research (M.Sc.)**

12.1 **Introduction:** This one-year, full-time taught Masters course has now been running
successfully for a number of years. It is designed for graduates in the social sciences who
wish to develop their research skills and gain employment in the rapidly expanding area of
research. Using a combination of lectures, workshops and practical assignments, this M.Sc.
programme will train graduates to do the following:

1. design and conduct primary social research using both quantitative and
   qualitative research methods
2. analyse the research data collected using a variety of computer
   programmes and
3. write and present research reports.

The M.Sc. aims to train students in the most professional and comprehensive skills
for executing applied social research. Graduates of the M.Sc. in Applied Social Research
are employed in a variety of organisations, including Government Departments, semi-state
agencies, private corporations and companies and private and public research institutes
and consultancies.

12.2 **Admission Requirements:** Applicants should normally have an upper second class
honors degree in one of the social sciences. Applications from graduates in other disciplines
who have relevant experience will be considered.

12.3 **Course Structure:** The M.Sc. programme consists of various integrated courses,
which run over two terms. The students then go on work placement in the third term for
twelve weeks. Students complete their dissertation, submitting by the third Friday in
September.

The M.Sc. is worth 90 ECTS and consists of the following modules:

1. Qualitative Research Methods 20 ECTS
2. Quantitative Research Methods 20 ECTS
3. Accessing Resources, Research Design and Research Ethics 10 ECTS
4. Work Placement 10 ECTS
5. Research Dissertation 30 ECTS

1. **Qualitative Research Methods:** The aims of this course are to give an
understanding of qualitative methods and to help develop qualitative research skills.
Students receive practical guidance on how to set up and manage a qualitative research
project, collect data via individual in-depth interviews, turn data into meaningful findings and
write it up in a research report. Issues such as project planning and administration,
sampling, access negotiation, observation and qualitative interviewing, ethical issues in
qualitative research, and analysis of interview data, will be covered. This module runs for
18 weeks, over two terms. Students are assessed on the basis of individual qualitative assignments and a group project.

2. Quantitative Research Methods: (i) Data Analysis and (ii) Survey Design: The Data Analysis part of the module covers a range of univariate and bivariate statistical techniques used to describe sample characteristics and test simple hypotheses. Multivariate Regression and Analysis of Variance techniques are also covered as well as the use of Likert, Guttman and Factor scales. All procedures are demonstrated through the use of the statistical package SPSS.

Direct assessment for this module component is based on individual secondary analysis assignments and multiple choice tests. The module runs over two terms.

The Survey Design section of the module introduces students to the practical aspects of conducting social surveys including the formulation of testable hypotheses, questionnaire design, sampling, administrative procedures and the reporting of results. It runs for nine weeks in the second term. For assessment each student must complete one survey project.

3. (i) Accessing Resources, (ii) Research Design and (iii) Research Ethics: The object of this module is to equip students with the skills to access relevant resources. Computerised resources, including bibliographic databases, electronic journals and the Internet (websites, search engines and portals) facilitate this task. Students will be trained how to plan searches, and how and where to access appropriate material from Irish and international sources. They will also be taught advanced use of the Internet, including customising search engines and using RSS feeds. Students’ completed bibliographies in completed research projects including the dissertation should exhibit such skills.

The Research Design section introduces students to conceptual issues in the design of research as well as covering such practical aspects of the research process as negotiating access, and the formatting of research tenders and proposals. Each student will have to write up a critical review of a research project.

The Ethics section of the module will present key ethical issues that need to be addressed at the commencement of research and that arise during the field work. They include: informed consent, confidentiality, integrity and research relationships. Each student will have to complete an ethical application form for their dissertation.

4. Work Placement: Students will spend twelve weeks on a paid work placement, working on research projects in their host organisation. Students are offered placement opportunities with a range of the most important Irish research institutes and consultancies, government departments, semi-state agencies as well as various trade and professional organisations.

5. Research Dissertation: As part of their degree assignment, students will conduct an applied research dissertation. This is an essential component of the degree. The applied research project will be initiated while on work placement and will be completed over the summer. It will demonstrate that students have the ability to complete an applied research assignment from the initial stages of accessing data to the presentation of a final report. It will include a complete review of the methodology, the research design and strategy used and a discussion of any difficulties encountered. The data collected for the research will be analysed using, as required, appropriate computer packages. It will be a minimum length of 20,000 words and it will be supervised by academic staff.

12.4 Course Director: Dr Evelyn Mahon

13.1 **Introduction:** Students interested in registering for the M.Sc. programme register in the first instance for the Postgraduate Diploma (see entry below). Admission to the second year of this two-year part-time in-service M.Sc. programme is confined to candidates who achieve a 2.1 standard overall in the Postgraduate Diploma in Child Protection and Welfare. Instead of taking their Postgraduate Diploma, eligible candidates may treat their Postgraduate Diploma year as the first year of the M.Sc. programme and register for the second year with a view to the award of the M.Sc. on successful completion of the two-year programme. Eligible candidates (who have achieved the required standard in the diploma year) should submit their research proposal for the M.Sc. dissertation by 1st August. Candidates whose proposals are accepted will receive confirmation of this from the course co-ordinator by 1st September. Students registering for this second year are responsible for the payment of fees and for negotiating their participation in course assignments with their employer.

13.2 **Course Structure:** Year 2 comprises a series of lectures/seminars on organisational change and development, evaluation research methodology and related issues, entailing attendance at College approximately two days per month over the academic year. There is also regular contact with the student's assigned academic Supervisor.

During this year, students complete a dissertation (approximately 20,000 words) usually based on an action-research project in their workplace. It must include:

a) a summary of the completed project
b) a full and critical account of the methodology adopted and its theoretical and practical rationale
c) a literature review
d) a description and evaluation of the outcome/findings of the project and their implications for future research and practice in relation to the particular theme
e) recommendations relevant to the operational and strategic concerns of the student's organisational system.

This dissertation is to be submitted in early June of Year 2. The precise date will be announced each year.

Overall, the M.Sc. is worth 90 ECTS and consists of the following modules:

- **Year 1** – 60 ECTS
  1. Child Protection Perspectives and Practices 10 ECTS
  2. Interventions with Children and Families 10 ECTS
  3. Law 5 ECTS
  4. Contemporary Issues 10 ECTS
  5. Child Development 5 ECTS
  6. Research Methods 20 ECTS

- **Year 2** – 30 ECTS
  1. Dissertation 30 ECTS

13.3 **Course Co-ordinator:** Professor Robbie Gilligan

14. Clinical Speech and Language Studies (M.Sc.)

14.1 **Introduction:** This part-time two year M.Sc. course consists of core and specialist modules within a suite of five professional strands which are designed to provide qualified speech and language therapists with opportunities to advance their academic knowledge and professional practice skills with specialist clinical populations. The specialist strands offered for the academic year 2009 – 2010 are as follows:

(1) Dysphagia *
(2) Acquired Communication Disorders
There is also an opportunity to do a Postgraduate Diploma in Dysphagia (see entry page 138) as a stand alone course.

14.2 **Duration:** The M.Sc. course takes place over a 2 year period. Core and specialist modules are taught during Year 1; research project and dissertation are the main focus in Year 2. Classes are timetabled to facilitate speech and language therapists in employment.

14.3 **Admission Requirements:** Eligible candidates should hold at least an upper second class honors degree in Clinical Speech and Language Studies or an equivalent qualification in Speech and Language Therapy.

14.4 **Course Structure:** The M.Sc. course comprises six core modules, irrespective of the strand chosen: Research Methodology, Disability and Society, Ethical Issues in Clinical Research, Introduction to Analysis of Talk in Interaction, Counselling and Evidence Based Practice. Modules on specific topics are then selected from the specialist areas. The core and specialist modules will be the focus for students in Year 1. In Year 2 the concentration will be on research leading to dissertation in the selected specialist area.

For the specialist module in Dysphagia, students may register for a one year Postgraduate Diploma in Dysphagia (see entry page 138). This course is similar to Year 1 of the M.Sc. course but students do not complete the research component, which leads to a dissertation. Students who successfully complete the Postgraduate Diploma in Clinical Speech and Language Studies (Dysphagia) may progress to the second year of the M.Sc. in Clinical Speech and Language Studies (Dysphagia strand) if they have completed course assignments satisfactorily and have notified the Course Co-ordinators in writing of their request to transfer by 1st February. Students who opt to transfer from the Postgraduate Diploma in Clinical Speech and Language Studies (Dysphagia) to the Dysphagia strand of the M.Sc. in Clinical Speech and Language Studies must forfeit the award of Postgraduate Diploma in Clinical Speech and Language Studies (Dysphagia).

Students for both the Postgraduate Diploma and M.Sc. specialist course in Dysphagia must complete an additional introductory week in dysphagia. Exemptions may be made for students who have already completed a recognized introductory course in dysphagia. Students arrange their own clinical practicum in dysphagia, with Supervisors recognised by the School.

14.5 **European Credit Transfer System (ECTS):** The M.Sc. is the equivalent of 90 ECTS: Six core modules at 5 ECTS (30 ECTS), a specialist module at 30 ECTS and the dissertation is equivalent to 30 ECTS.

<table>
<thead>
<tr>
<th>Core Modules</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Methodology</td>
<td>5</td>
</tr>
<tr>
<td>Evidence based Practice</td>
<td>5</td>
</tr>
<tr>
<td>Analysis of Talk in Interaction</td>
<td>5</td>
</tr>
<tr>
<td>Counselling</td>
<td>5</td>
</tr>
<tr>
<td>Ethical Issues in Clinical Research</td>
<td>5</td>
</tr>
<tr>
<td>Disability and Society</td>
<td>5</td>
</tr>
<tr>
<td>Dissertation</td>
<td>30</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Specialist Modules</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dysphagia</td>
<td>30</td>
</tr>
<tr>
<td>Acquired Communication Disorders</td>
<td>30</td>
</tr>
<tr>
<td>Child Language</td>
<td>30</td>
</tr>
<tr>
<td>Voice</td>
<td>30</td>
</tr>
<tr>
<td>Fluency</td>
<td>30</td>
</tr>
</tbody>
</table>
14.6 **Assessment:** Students are assessed on the basis of their performance on 9 core assignments related to the core and specialist modules in Year 1. Students must pass each of the required assignments in order to progress to the next year. Students who do not perform satisfactorily on all assignments in Year 1 may be debarred from writing a dissertation by the court of examiners. These students will be awarded a Postgraduate Diploma in Clinical Speech and Language studies provided that they satisfy their examiners in respect of their coursework.

Students are required to submit a research proposal at the end of the first year and obtain ethical approval before undertaking data collection for their research project. The dissertation will be the main research requirement for the second year. This will be approximately 20,000 words in length and must be submitted to the Department of Clinical Speech and Language Studies at the end of September in Year 2.

14.7 **Course Co-ordinators:** Dr Margaret Walshe and Ms Margaret Leahy

15. **Clinical Supervision (M.Sc.)**

15.1 **Introduction:** The M.Sc. in Clinical Supervision is a two year part-time course aimed at experienced and practising psychologists, psychotherapists, mental health and social care professionals who wish to further their professional development, research capability and train as clinical supervisors.

15.2 **Admission Requirements:**

- Applicants will normally be required to hold an honors degree in psychology or a related field e.g. social work, education etc.
- Post qualification and/or training and experience in supervision
- Demonstration of commitment to ongoing professional development (e.g. further workshops, seminars and conferences)
- Practising and a full member of a recognised professional body e.g. the Psychological Society of Ireland, the Irish Council for Psychotherapy, the Irish Association for Counselling and Psychotherapy, the British Psychological Society or professional equivalent.
- Have access to a supervisee base for professional practice
- Fully completed Online Application (www.pac.ie/tcd/ie) to include, Curriculum Vitae, two letters of reference (one of which needs to be from a clinical supervisor). Evidence of qualifications and EU status, transcripts etc.

15.3 **Duration and Course Structure:** The course is normally scheduled to take place on Saturdays (maximum two per month) and occasional Friday afternoons (approx five per year) to facilitate students who have work commitments. Dates and times are detailed in the Course Handbook. Students may take an additional year to complete their dissertations. In this instance an additional continuation fee applies.

There are 6 taught modules, a supervised Professional Practice Module (120 hours) and a Dissertation. Costs associated with clinical supervision of the Professional Practice Module are additional to course tuition fees and the responsibility of the student. Students are also required to submit a dissertation based on empirical enquiry into an aspect of clinical supervision.

| Module 1: Advanced Clinical Supervision, theory, skills & process | 10 ECTS |
| Module 2: Clinical Supervision & Perspectives in Adult Learning | 5 ECTS |
| Module 3: Advanced Peer & Group Supervision | 10 ECTS |
| Module 4: The Reflective Practitioner | 5 ECTS |
| Module 5: Professional Practice | 10 ECTS |
| Module 6: Organisational Issues | 10 ECTS |
| Module 7: Research Methods | 10 ECTS |
| Module 8: Dissertation (c20,000 words) | 30 ECTS |
Competence is developed through a combination of lectures, experiential learning workshops, discussions, clinical supervision, group and peer supervision, written assignments, tutorials and professional clinical practice. All modules are compulsory and each has an assessment component.

15.4 Assessment: Students will be assessed throughout the course by:
- Coursework
- Professional practice
- Dissertation

In order to be awarded the degree of Master in Science in Clinical Supervision students must satisfy the Court of Examiners by passing (50%) all six of the taught modules of the course, the dissertation and by obtaining a pass on the Professional Clinical Practice module. Students who fail to satisfy the Court of Examiners in any taught module may be permitted, at the discretion of the Court, to present themselves on one occasion only for supplementary written work or examination. Where a student is required to take such supplementary work or examination the original mark in the failed module will be replaced by 50% in the case of a successful outcome. A student who fails more than three modules at the first attempt will be required to withdraw from the programme. All Year 1 modules must be passed to progress to Year 2.

Procedures for Failed Assessment of Taught Modules
In the event of an assignment being failed, one attempt to repeat that assignment will be allowed. If the repeat assignment is again failed, that module is also deemed failed. Compensation for failure in one taught module may be permitted provided the mark awarded for the module is above 40% and the average mark for all modules is at least 50%.

Procedures for Failed Professional Practice Module
In evaluating professional clinical competence, the examiners will take into account the Clinical Supervisor’s evaluation of clinical competence and the breadth and quality of experience as outlined in the Professional Clinical Practice Portfolio, in the context of the student’s overall progress on the course to date. In the event of a fail being returned for the Professional Practice Module, the student will be notified in writing.
If the Fail was due to poor development of clinical competence, a course tutor and/or Course Director will consult with the external clinical supervisor and meet with relevant parties to determine the most appropriate course of action which may involve supplementary hours of professional clinical practice under clinical supervision, if this can be accommodated within the academic year. Where supplementary hours of professional clinical practice cannot be accommodated within the academic year, the student may be permitted to repeat the year on the recommendation of the Court of Examiners.
If the Fail was due to serious unethical, unprofessional or illegal behaviour, the case will be reviewed by the Course Management Committee who will decide on an appropriate course of action which may include exclusion of the student from the course. In addition, the student will be referred to their professional society or association.
If the Fail was due to unethical behaviour of a less serious nature, the Course Management Committee may recommend supplementary hours of professional clinical practice under clinical supervision. The student must achieve a Pass standard for these supplementary hours. If a student receives a second Fail for supplementary hours, s/he will be required to withdraw from the course.

Suitability for Training
The role of the Clinical Supervisor holds a gate keeping function in their relevant professions and as such, students must conform to the highest ethical and best practice standards. This role ultimately functions to protect the welfare of the client, the supervisee and the public. Consequently, students are expected and required to conform to the code
of ethics and conduct of their relevant professional bodies, in addition to University
requirements.
Unsuitability for training constitutes sufficient grounds for exclusion of a student from the
course. Unsuitability for training includes a breach of the student’s Code of Ethics and/or an
inability or unwillingness to uphold appropriate professional standards of conduct or
behaviour in terms of constructive relationships with others (including peers, tutors,
supervisors or other professional groups). Such unsuitability may lead to significant
problems in training which by themselves have not led to repeated failure of module
assessments. Unsuitability also involves an inability or unwillingness to use feedback on
interpersonal difficulties in a constructive way. Where concerns over a student’s suitability
arise, the Course Director/tutor will consult with the student concerned in the first instance
and specify a course of action that must be completed by the student. If a student fails to
meet the requirements specified by the Course Director, the case will be referred to the
Course Management Committee and/or External Examiner who may recommend further
action or ultimately may recommend that the student be excluded from the course. An
assessment of the student’s suitability for training by an external specialist may be
requested by the Course Management Committee.

Dissertation
Dissertations have a research supervisor, an external examiner and must be conducted in
accordance with College Procedures and follow best practice principles for research.
Procedures for failed dissertation will also be conducted in accordance with College
procedures. While a viva voce is not mandatory at the Masters level, one may be held at
the discretion of the Course Director in consultation with the External Examiner and/or the
Court of Examiners on academic grounds after initial review of the dissertation.

Students who achieve a pass (50%) on all components of the course will be eligible for the
award of Master in Science in Clinical Supervision.

15.5 Course Director: Dr Mary Creaner

16. Comparative European Politics (M.Sc./P.Grad.Dip.)

16.1 Introduction: This course aims to develop students’ knowledge of comparative
politics in contemporary Europe. In addition, the course aims to equip students with the
research training required to conduct independent political research. Therefore, in addition
to substantive modules on various aspects of comparative politics, the course also includes
modules on research methods. On successful completion of the course, students are
awarded the degree of M.Sc. (or P.Grad.Dip.) in Comparative European Politics.

16.2 Admission Requirements: Candidates should normally have achieved an upper
second class honors degree or higher. A background in a social science will be an
advantage but not a necessity. Applications are expected from candidates with a single or
joint honors degree in Political Science, Economics, European Studies, History, Sociology,
Business and Law.

16.3 Duration and Course Structure: The course is a one-year full-time course or a two-
year part-time course. Important course dates are detailed in the Course Handbook.
The course has five components
1. Two substantive modules taught over ten weeks in Michaelmas Term (each worth 10
ECTS)
2. One Research Design module taught in Michaelmas Term (worth 10 ECTS)
3. Two substantive modules taught over ten weeks in Hilary Term (each worth 10 ECTS)
4. One research methods module taught in Hilary Term (worth 10 ECTS)
5. A 10,000 word dissertation on an approved topic relating to European politics (worth 30
ECTS)
The substantive modules include:
1. Government and politics of the European Union
2. Electoral behaviour, political participation and public opinion
3. Government institutions
4. European Union policies

Not all modules may be available in any one year, depending on staff availability and timetabling. Other modules may be introduced by the Course Committee at a later date.

Candidates whose dissertations do not meet the minimum pass standard may have the opportunity to resubmit in accordance with College Procedures as outlined in Part 2 of the Calendar (Graduate Studies and Higher Degrees). Students may, following consultation with the course director, opt or be advised to exit with a Postgraduate Diploma in Comparative European Politics. Students who fail to achieve a satisfactory mark for the dissertation element may be eligible for the award of a Postgraduate Diploma in Comparative European Politics.

16.4 Assessment: Assessment for each individual module may include one, or more, of the following forms: essays; research papers, computational exercises, oral presentations, take-home exams and/or formal exams. In general, most modules offered are assessed by a combination of examinations and written work. Students must achieve an overall pass mark in the taught elements of the course. Rules for passing individual modules within the taught element, including details of the provisions of repeats and compensation system, are set out in the course handbook. The dissertation forms the final assessment.

16.5 European Credit Transfer System (ECTS):
- Introduction to Quantitative Research Methods worth 10 ECTS
- Government and Politics of the European Union worth 10 ECTS
- Electoral behaviour, political participation and public opinion worth 10 ECTS
- Principles of Research Design worth 10 ECTS
- Government institutions worth 10 ECTS
- European Union Policies worth 10 ECTS
- Dissertation worth 30 ECTS

16.6 Course Co-ordinator: Dr Robert Thomson

17. Counselling Psychology (M.Sc.)
(The final intake of students to this programme will be in 2008/09)

17.1 Introduction: This is a dynamic, demanding, highly professional training course in Counselling Psychology. The academic core of the programme is primarily informed by person-centred theory and integrating other established theories related to Counselling Psychology. Namely Psychodynamic, Cognitive and Behavioural, broad Humanistic (e.g. Gestalt) and Systemic perspectives and approaches are particularly emphasised to ensure the student’s ability to self-reflect and engage in personal and interpersonal process in relation to self and clients. All modules are sequenced and considered in light of a life span development perspective. The student’s ability to self-reflect and engage in personal and interpersonal process in relation to self and clients is a primary focus of training.

The course is unique in the E.U. in two particular ways.

(1) A wide range of approved clinical placement sites are on offer including health service teams, GP offices, third level counselling services, community counselling services along with secondary and primary schools. Some of these offer stipends. Students are also supported in bringing on board new or specialised placements, or placements outside of Dublin, also in communities where they will practice after completing the course.

(2) Staff on this course invest significant time and attention to supporting student’s academic and professional development. All students receive formative and summative evaluation feedback throughout the year in a variety of ways, through tutorials,
feedback on written assignments, supervisor’s reports and so forth. In the first year, the
course offers graduates in psychology academic and practical skills training in Counselling
Psychology, significant personal development work, and a foundation in research
capability. Professional and case management issues as well as advanced life span
developmental psychology and its applications, are presented. Assessment procedures
and psychometric tests particularly relevant to counselling psychology are offered and
competence in administering, scoring, and interpreting relevant tests is required.
The second year involves further training in counselling theories and practice, continued
professional development work, and an emphasis on research in Counselling Psychology
that is assessed through the research dissertation. Couples and group counselling training
is provided. Workshops are offered by specialists in various areas on contemporary topics.
Prior to starting placement, first year students attend a 3 day orientation to the College and
the Course, followed by 6 weeks of intensive work on campus. Thereafter, students are
typically on placement 2 full days per week, and in college 2 full days per week (during
terms). However, from time to time adjustments to timetable and placement requirements
may be necessary. Each student is actively involved in supervised counselling work over
the academic year. Clinical supervision is provided in multiple formats weekly, e.g. 1:1
casework supervision by a site Supervisor, small group supervision and video work is
provided in College. Students must adhere to the PSI Code of Professional Ethics
(www.psihq.org) and the College guidelines on clinical competence.
Each student is required to undertake a minimum of 60 hours of personal therapy
at their own expense in addition to the group process work provided by and required by the
course. Students meet weekly with a learning partner as a source of support and personal
development activity.

The modules included on the course are as follows:

<table>
<thead>
<tr>
<th>Year 1</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assessment Procedures and Psychometrics</td>
<td>5</td>
</tr>
<tr>
<td>Professional Issues in Counselling and Case Management</td>
<td>5</td>
</tr>
<tr>
<td>Personal Development I - Group Processes, Personal Counselling</td>
<td>5</td>
</tr>
<tr>
<td>Counselling Skills Training I</td>
<td>10</td>
</tr>
<tr>
<td>Small Group Supervision I</td>
<td>5</td>
</tr>
<tr>
<td>Placements I</td>
<td>10</td>
</tr>
<tr>
<td>Reflective Practice I</td>
<td>5</td>
</tr>
<tr>
<td>Theories and Approaches to Counselling</td>
<td>10</td>
</tr>
<tr>
<td>Advanced Lifespan Development/Counselling Adolescents and Children</td>
<td>5</td>
</tr>
<tr>
<td>Research in Counselling Psychology I</td>
<td>10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Counselling Skills Training II</td>
<td>5</td>
</tr>
<tr>
<td>Advanced Counselling Theory and its Application</td>
<td>10</td>
</tr>
<tr>
<td>Small Group Supervision II</td>
<td>5</td>
</tr>
<tr>
<td>Reflective Practice II</td>
<td>5</td>
</tr>
<tr>
<td>Personal Development II</td>
<td>5</td>
</tr>
<tr>
<td>Counselling Psychology Research Dissertation</td>
<td>20</td>
</tr>
<tr>
<td>Placements II</td>
<td>20</td>
</tr>
</tbody>
</table>

17.2 Admission: Only applicants who are graduates in psychology with at least a second
class honors degree and some related experience will be considered. International
applicants with equivalent qualifications are most welcome to apply. Completed application
forms together with 2 academic references are required for the initial application. Personal
interviews, group and individual format, are held the end of March of each year for entry the
following September. Applicants must also complete a personal statement questionnaire as
well as the College’s standard application form.

17.3 Duration: This is a two calendar year, full time, intensive course. Students are
required to continue their placement throughout the summer months. The summer before
entering second year includes preparation of the dissertation proposal. Placements follow the assigned agency’s calendar, not the College calendar.

17.4 Assessment: A variety of assessment methods is used depending on a specific module, e.g. skills evaluation and in-class participation, essays, multiple choice tests, personal & professional development report, process reports, case studies, student presentations. Practical work is also assessed, e.g. through presentations, supervisor’s evaluation, placement review. Research is assessed through Masters Dissertation. For details see Course Handbook.

In order to rise with their year, students must achieve a satisfactory level of performance in each and every aspect of assessment. A Pass standard must be achieved on each module. If a student should fail to achieve a Pass standard on any component, s/he must satisfy the examiners by fulfilling such other resubmission/re-sit of the assessment of that component as the Course Director, and ultimately, the examination board decides. A student will not be permitted to proceed if s/he fails to satisfactorily complete the course requirements or to reach a Pass standard in all assessments for the year. All marks given during the year are provisional until accepted by the Board of Examiners, which meets in September.

Resubmission Procedures for assessments (excluding placements) that fail to reach a Pass standard: Where a resubmission or re-sit of assessed work is required, a maximum grade of Pass will be awarded, regardless of the quality of the work. If the re-submitted work does not meet the marking criteria for a pass grade, the student will be considered to have failed the course, except where a grade of Near Pass* is achieved, in which case, the student will be permitted to resubmit/re-sit the work on one further occasion. If upon a third re-sit/resubmission for any one piece of work a Pass grade is still not achieved, the student will have been considered to have failed the course.

Unsuitability for training constitutes sufficient grounds for exclusion of a candidate from the course. Unsuitability for training includes a breach of the Psychological Society of Ireland’s Code of Ethics and/or an inability or unwillingness to uphold appropriate professional standards of behaviour in terms of constructive relationships with others (including clients, peers, tutors, supervisors or other professional or staff groups). Such unsuitability may lead to significant problems in training which by themselves have not led to repeated placement failure or failure of a re-submitted piece of work. Unsuitability also involves an inability or unwillingness to use feedback on interpersonal difficulties in a constructive way. Where concerns over a student’s suitability arise, the Course Director will consult with the student concerned in the first instance and attempt to identify a course of action that must be completed by the student. If a student fails to meet the requirements specified by the Course Director or if it is not be possible to identify an appropriate course of action, the case will be referred to the Course Management Committee and/or External Examiner who may recommend further action or ultimately may recommend that the student be excluded from the course. An assessment of the student’s suitability for training by an external specialist may be requested by the Course Management Committee.

Procedures for failed placement: The reason for the Fail must be clearly stated in writing and shared with the student. If the Fail was due to poor development of clinical skills, the placement site and course supervisor, tutor and/or Director will meet to determine the most appropriate course of action (which may involve supplementary time on placement if this can be accommodated within the academic year – where supplementary time on placement cannot be accommodated within the academic year, the student may be permitted to repeat the year on the recommendation of the Board of Examiners). If the Fail was due to unethical behaviour, the case will be considered and fully investigated by the Course Management Committee. If the Fail was due to clearly and known unethical or illegal behaviour, the Course Management Committee will decide on the appropriate course of action which may include exclusion of the student from the course. In addition, the student would also be referred to the Psychological Society of Ireland or their particular Professional Society. If the Fail was due to unethical behaviour of a less serious nature, the
The Course Management Committee may recommend supplementary time on placement (where this can be accommodated within the academic year. Where supplementary time on placement cannot be accommodated within the academic year, the student may be permitted to repeat the year on the recommendation of the Board of Examiners. The student must achieve a Pass standard for the supplementary time on placement. If the student receives a second Fail for placement, s/he will be excluded from the course.

Candidates who achieve a pass on all components of the course will be eligible for the Award of Master of Science in Counselling Psychology.

17.5 Course Director: Dr Ladislav Timulak

*Near Pass* is one of the grades within the Marking Scale for the course. The definition of this grade is provided in the course handbook.

18. Drug and Alcohol Policy (M.Sc.)

18.1 Introduction: This course has been designed to offer a broad critical understanding of how society attempts to prevent or respond to problems associated with the use of licit and illicit drugs, as well as a more specific opportunity to develop research, management and policy-making skills in this area. It is aimed primarily at those who hold management or policy-making positions in any of the human service organisations which deal with drug and alcohol problems, but it also seeks to attract professionals who might play a leadership role in addictions work within their own professions. Candidates from the first category might include middle-ranking or senior civil servants or HSE officials; directors or senior workers from voluntary drug and alcohol services; senior officials from the Probation Service, the Prison Service or an Garda Siochana; members and employees of Local and Regional Drugs Tasks Forces. Candidates from the second category might include: family doctors, community pharmacists, teachers, social workers, public health nurses, and other community care personnel.

18.2 Admission Requirements: Candidates for the M.Sc. in Drug and Alcohol Policy must have current or recent experience of either direct service provision, administration or policy-making relevant to the addictions field.

Candidates will normally be expected to have:

a) a recognised professional qualification in a health, social care or another human service field (whether or not this qualification is linked to a primary degree), or

b) a non-professional primary degree of at least 2.2 standard.

Candidates who do not satisfy academic/professional criteria may be accepted to the course if the Selection Committee is satisfied that they have the ability to complete the course and are well placed to make good use of it. Such candidates will be asked to present a portfolio of their work (including, for example, written work, evidence of attendance at courses or conferences and evidence of relevant organisational and administrative work) for the consideration of the Selection Committee.

18.3 Course Structure: The course extends over two years on a part-time basis, with students attending College three days a month from September to June.

The M.Sc. is worth 90 ECTS and consists of the six core modules at 10 ECTS each, and the dissertation, equivalent to 30 ECTS.

1. Alcohol and Drugs - Use and Problem Use 10 ECTS
2. National and International Policy 10 ECTS
3. Research and Evaluation 10 ECTS
4. Research Seminars 10 ECTS
5. Therapeutic Interventions into Problem Drug and Alcohol Use 10 ECTS
6. Service Management 10 ECTS
7. Dissertation 30 ECTS
18.4 Assessment: To complete the course satisfactorily and be awarded the degree, candidates must achieve a pass mark (50%) on all written requirements (three essays, a book review, a research proposal and a literature review) associated with the six taught modules and on the dissertation which must be submitted at the end of Year Two. Students who fail to reach 50% on any written requirement may re-submit once, within two months of being given back their failed paper, but such re-submitted work will be marked out of a range of 0-50%.

The award of M.Sc. in Drug and Alcohol Policy with Distinction will be made to any student who achieves a mark of 70% or higher for the final dissertation and who has achieved at least three 2.1 marks (i.e. 60-69%) for the other six written assignments.

18.5 Intake: There will be an intake of students to the course every two years, and the next course will be advertised in February 2010.

18.6 Course Co-ordinator: Dr Shane Butler

19. Economic Policy Studies (M.Sc.)

19.1 Introduction: This two-year part-time course is designed to provide its graduates with the skills to apply economic perspectives, approaches and statistical and data skills to the study of policy issues. There is an intake of students every second year, the next intake will be for the academic year commencing 2010. Staff from the Department of Economics provide most of the courses on the programme but experts from outside the College provide some parts of the courses and are invited from time to time to provide guest lectures. The Department of Economics coordinates and administers the course. Target participants for the EPS course are suitably qualified administrators, senior and middle managers and specialists involved in the public policy process in the public, private and not-for-profit sectors.

19.2 Aims: The course’s aim is to provide participants with a greater understanding of the policy process and the ability to engage confidently in evidence-based economic policy making. It enables graduates to contribute effectively to the processes of economic policy formulation, change and implementation, using various concepts and methods in social science analysis. Policy making in any field requires a range of skills and analytical approaches; while this programme focuses on economic policy, and on the economic analysis of other policies, the political economy context, both domestically and internationally is also explored in full.

19.3 Admission/Entry Requirements: Applications are invited from graduates holding a good honors degree, preferably in the social sciences, and with relevant work experience in the policy process. Relevant work experience may involve any or all of the following aspects of policy: formulation, review, development, evaluation or implementation. Applicants with equivalent qualifications, or with honors degrees in disciplines outside the social sciences, will be considered on their merits as to suitability on a case-by-case basis. In exceptional circumstances, applicants failing to meet either the academic or work experience requirements may be accepted on the course. Academically qualified applicants who do not have relevant work experience must demonstrate that they are well placed to benefit from the course and that they have the ability to complete it. Applicants with relevant work experience but not academically qualified must demonstrate that they have the academic ability, commitment and motivation to succeed and benefit from the programme. The relevant information in both instances must be conveyed in the applicant's personal statement form (PSF) which must be submitted to the Postgraduate Application Centre with other required supporting documentation (which includes confidential references, curriculum vitae and academic transcripts). In considering applications, the Course Committee will have regard to the content of the PSF in deciding whether or not to accept a candidate. The PSF must outline an applicant's reasons for undertaking the programme, detail how s/he
meets the admission criteria listed, and generally make a case as to the applicant's personal, professional and academic suitability for the programme. Follow-up interviews may take place, if necessary. Notwithstanding an applicant's fulfilment of the entry requirements detailed above, the Committee may decide to refuse an application on the basis, for example, of the confidential references submitted with the application as regards the potential and ability of the applicant to undertake the course, or because of the limited number of places available on the course.

19.4 Course Structure: The two-year programme consists of both a taught and a research element. Students will undertake a number of taught modules equivalent to 60 ECTS over three terms (from late September of year one to December of year two) and spend the remainder of the second year working exclusively on their dissertations, equivalent to 30 ECTS. The four compulsory modules to be taken by all students in year one and their associated credits are as follows:
- Data analysis, Modelling and Research Methods (15 ECTS);
- Understanding Markets (10 ECTS);
- Irish economic Policy Issues and Context (10 ECTS);
- Macro-economic Policy Issues and Context (10 ECTS)

In the second year there are two modules which form an integrated whole and account for a total of 15 ECTS. The first module, Welfare Economics, Project Analysis and Evaluation covers aspects of public economics, with special emphasis on project appraisal and regulatory impact assessment. The second module, Competition and Regulation, covers economic, and some legal, aspects.

19.5 Duration: The course commences in late September and extends over two years on a part-time basis, with most lectures scheduled on Fridays and on Saturday mornings from late September to December in Year 1, (Term 1), January to March in Year 1, (Term 2) and late September to December in Year 2, (Term 3). A limited number of lectures may take place outside these times. Students are expected to commence preparatory work on their dissertations from September of Year 2, and from January of Year 2, they will work solely on their dissertations until the submission date at the end of July in Year 2. They are required to attend and present seminars on their research during that period.

19.6 Assessment: Assessment for each individual module may include one, or more, of the following forms: written work, such as essays and case studies; computational exercises; computer-based exercises; class tests; oral presentations; and/or formal examinations. In general, most modules are assessed by a combination of examinations and the submission of written work, while in Term 3, most modules are assessed by means of written work and oral presentations. Students must achieve a pass mark (50%) in these taught elements of the course before they are allowed to proceed to the research element of the course from January of Year 2 onwards. Rules for passing individual modules within the taught element, including details of the provisions regarding repeats and the compensation system, are set out in the handbook. The research dissertation forms the final assessment. It is based on a research project analysing a policy topic relevant to the scope of the specialist courses in the second year. It must not exceed 20,000 words in length and is submitted by the end of July at the end of Year 2. Students must achieve a pass mark in the dissertation.

19.7 Course Co-ordinator: Professor John O’Hagan

20. Economics (M.Sc./P.Grad.Dip.)

20.1 Introduction: The objective of this course is to provide well-qualified graduates in economics and related disciplines with the training required to enter Ph.D. programmes in economics or to work as economists in government or private sector organisations. The course focuses on the technical skills needed to undertake economics research and emphasises active and problem-based learning to ensure mastery of the basic skills. On
successful completion of the course, students are awarded the degree of M.Sc. (Econ) referred to as a Masters in Economic Science.

20.2 **Admission Requirements:** Candidates should normally hold at least an upper second class honors degree that has a significant economic theory and/or quantitative component. Applications are expected from candidates with single or joint honors Economics degrees, Business or B.Comm. degrees with economics options in their final year, or Mathematics, Physics or Engineering graduates.

20.3 **Duration:** The course can be conducted on a full-time (one year) or a part-time basis (two years). The course is for ten months duration, on a full-time basis, with one month preliminary training in mathematics and statistics and nine months on the M.Sc. register. The preliminary course commences at the end of August / beginning of September and the M.Sc. concludes by the following June. The course can also be undertaken on a part-time basis over two years. The preliminary course in mathematics and statistics must be passed prior to being admitted to the course.

20.4 **Course structure:** The course is structured around five components:

1. An intensive preliminary course in Mathematics and Statistics in September. This course must be passed by all full-time and part-time candidates prior to enrolment on the M.Sc.:

2. There are three core modules taught in the first semester: Microeconomics I, Macroeconomics I and Econometrics I. Full-time students will be required to take all three modules while part-time students will take Microeconomics I and Macroeconomics I in year 1 and Econometrics I in year 2. Students are assessed on the basis of a continuous assessment component, involving weekly/fortnightly problem sheets and an applied project, and write examinations in the last week of the semester with supplemental exams in late April.

3. There are three core modules taught in the second semester: Microeconomics II, Macroeconomics II and Econometrics II. Full-time students will be required to take all three modules while part-time students will take Microeconomics II and Macroeconomics II in year 1 and Econometrics II in year 2. Students are assessed on the basis of a continuous assessment component, involving weekly/fortnightly problem sheets and an applied project, and write examinations in the last week of the semester with supplemental exams in late April.

4. Students will attend a Research Topics module throughout both semesters. This module will be attended by part-time students in year 2. Staff will present their research areas to the class. On the basis of these lectures, students must hand in a number of seminar papers, which will provide a critical analysis of the research areas surveyed.

5. A research proposal must be submitted by the end of the second semester, year 2 for part-time students), with the aim of completing a minor dissertation on this topic by June 30th for full-time students and August 31st for part-time students. Dissertations that do not meet the minimum standard required will be subject to either ‘minor corrections’, in which case students will have two months to revise and resubmit their dissertation, or ‘major revisions’ where students must register for an additional six month period to undertake revisions and resubmit their dissertation for examination.

20.5 **Assessment:** An overall mark of 50% must be obtained on the preliminary mathematics and statistics course in order to be allowed to register for the M.Sc. Assessment on the M.Sc. register will be based on coursework (both continual assessment and examination performance) and the dissertation. 60% of the overall grade will be allocated to coursework and 40% to the dissertation. An overall average of 60% must be achieved on the coursework in order for a student to be permitted to proceed to a dissertation and to be eligible for consideration for the award of M.Sc. degree. Those who fail to achieve an average of 60% in M.Sc. coursework will not be allowed to proceed to the dissertation, but provided that they have reached an adequate standard (45% to 59%) will be eligible for the award of a Postgraduate Diploma in Economics. Students who fail the dissertation will not be awarded the M.Sc. but will be eligible for the award of Postgraduate...
Diploma in Economics. Any student, who is awarded the Postgraduate Diploma, automatically forfeits progression to the M.Sc. at any later stage.

The modules provided and associated credits are as follows:

- Preliminary course in Mathematics and Statistics (0 ECTS)
- Microeconomics I (10 ECTS)
- Macroeconomics I (10 ECTS)
- Econometrics I (10 ECTS)
- Microeconomics II (10 ECTS)
- Macroeconomics II (10 ECTS)
- Econometrics II (10 ECTS)
- Research Topics (5 ECTS)
- Dissertation (25 ECTS)

20.6 Course Co-ordinator: Dr Carol Newman

21. Finance (M.Sc.)

21.1 Introduction: This M.Sc. in Finance is a one-year full-time/two year part-time graduate course in Finance.

21.2 Aim: The aim of this course is to equip students with the theoretical and practical knowledge that will enable them to participate in the financial services, financial management, banking and other finance related industries.

21.3 Admission Requirements: Admission to the course is competitive, and is normally restricted to graduates who have achieved an upper second class honors degree, or better, in a business, economics, management science or other degree with significant numeric elements. Applicants with qualifications in related areas may be admitted on the discretion of the course committee. Applicants that do not, in the opinion of the course committee, have an adequate grounding in economics, numerical skills, or financial statement analysis may be required to attend and satisfactorily complete a preliminary set of modules, at their own expense, prior to entering onto the M.Sc.

21.4 Duration: The course will be offered on a one year, full-time basis or on a two year part-time basis.

21.5 Course structure: The course will incorporate both taught and practical components. Students will undertake a significant group project or an independent research project that will be reported in the form of a dissertation.

21.6 Assessment: To be eligible for the award of an M.Sc. Finance, students must, within the period of registration (one academic year for full-time, two academic years for part-time) pass a prescribed set of modules, including undertaking a group project module or satisfactorily complete a dissertation on a topic approved by the course director. Each module will be assessed based on an examination which will be held during the year and on prescribed coursework.

List of modules scheduled:
1. Equity and Bond Valuation
2. International Finance
3. Data Analysis
4. International Financial Statement Analysis
5. Investment Theory
6. Corporate Finance
7. Portfolio Management
The Business School reserves the right to vary the above list and, in particular, the right to withdraw modules.

Students take twelve modules. Modules 1-8 are compulsory, and students take four from the remaining list. Not all combinations of optional modules may be possible. Optional modules which have fewer than eight students will not be run. Students are required to reach a full-complement of 90 ECTS to be eligible for the award of the M.Sc. degree. Each module is worth 5 ECTS with a project worth 30 ECTS.

To pass a module, students must satisfactorily complete any associated practical work for that module, and/or obtain a passing mark (50%) in any examination for that module. Students who fail one or more modules on the basis of the criteria outlined above will be offered the opportunity to subsequently pass the corresponding module(s) by passing a supplemental examination and/or undertaking supplemental practical work in any module that they failed.

Each student undertakes an individual research project (30 ECTS), on topics chosen in consultation with the Course Director. Students are assigned a reading guide who guides them through the definition of the research goal statement, assists them in implementing best practise in their research methodology and meets regularly with the student during the course of the research. Assessment of the dissertation is via an examinable research report. To satisfactorily complete a dissertation, students must submit their dissertation by the prescribed date and must obtain a passing mark.

Course Director: Professor Brian Lucey

22. Master in International Management (M.Sc.)

22.1 Introduction: This course is designed for students who have taken an undergraduate degree in business or cognate disciplines.

22.2 Aim: The aim of the course is to equip students with the theoretical and practical knowledge that will enable them to manage more effectively in an international business setting.

22.3 Admission Requirements: Admission to the course is competitive, and is normally restricted to graduates who have achieved an upper second class honors degree in a relevant discipline (e.g., business, economics, commerce), or better. Furthermore, students must submit GMAT result of min 500 as part of their application requirements.

22.4 Duration: The course will be offered on a one-year full-time basis and a two-year part-time basis.

22.5 Course structure: The course will incorporate both taught and research components. Students will undertake a significant independent research project that will be submitted in the form of a dissertation.
22.6 Assessment: Students must achieve a minimum of a pass grade in twelve taught modules and a dissertation submitted on a topic approved by the Course Director. Taught modules will be assessed by way of written examinations and prescribed coursework. To pass a module, students must satisfactorily complete any associated practical work for that module, and/or obtain a pass mark (50%) in any examination for that module. Students who fail one or more modules on the basis of the criteria outlined above will be offered the opportunity to sit a supplemental examination and/or undertake supplemental practical work in any module that they failed.

Students must take eight core taught modules(*) which focus on developing the capability and capacity to operate effectively across a range of core and support business functions in an international setting. The modules include:

- Economics for a Global Market 5
- Data Analysis 5
- International Finance 5
- International Marketing 5
- Global Supply Chain Management 5
- Cross-cultural Human Resource Management 5
- Qualitative Analysis 5
- Research Seminar 5

Students must also take an additional four elective modules(*), the purpose of which is to further expand their capability and capacity to address a range of themes that tend to cut across core and support business functions in an international setting. The current elective modules include:

- Global Logistics 5
- Cross-cultural Communications 5
- SABRE 5
- Emerging Markets 5
- Information Systems Strategy 5
- Management of International NGOs 5
- Ethics, Business & Society 5
- International Financial Statement Analysis 5
- Risk Management 5

Students will also be required to complete an International Residency Week (IRW) at a partner institution overseas. While institutions in Brazil, Russia, India and China are of particular interest, the final choice of location for the IRW will be determined in consultation with students enrolled on the course. One of the core or elective taught modules will be delivered during the IRW.

Finally, students must pass a written dissertation (30 ECTS) in order to be awarded the degree. Each student undertakes an individual research project on topics chosen in consultation with the Course Director. After completing the first two terms and presenting their research proposal¹, students are assigned a tutor who guides them through the finalisation of their proposal, assists them in implementing best practise in their research methodology and meets regularly with the student during the course of the research. Assessment of the dissertation is via an examinable research report. To satisfactorily complete a dissertation, students must submit their dissertation by the prescribed date and must obtain a passing mark.

* Modules, their ordering and whether they are mandatory or optional may change from year to year. Not all combinations of modules may be possible. Optional modules which
have fewer than 8 students will not be run. Students are required to reach a full-complement of 90 ECTS to be eligible for the award of the M.Sc. degree

22.7 Course Director: Dr. ML Rhodes

¹ Part-time students will begin their dissertation in their second year, first term and then follow the same timetable as full-time students

23. Psychology (Applied Behaviour Analysis) (M.Sc.)

23.1 Introduction: The M.Sc. in Psychology (Applied Behaviour Analysis) is a postgraduate course open to those with an undergraduate honors Degree in Psychology (specific) and a Diploma in ABA (or equivalent). The course provides advanced theoretical, ethical, practical, and research modules in ABA and requires the submission of a research dissertation. The aim is to ensure that students become proficient to a high degree in the understanding and practical application of the principles of applied behaviour analysis with particular regard to persons with autism and other developmental disabilities, and/or children and adolescents in care or special programmes, and/or those students presenting learning and/or behavioural challenges in school.

Students are prepared to meet the academic (only) requirements to undertake the Behaviour Analysis Certification Board’s international examination leading to the status of Board Certified Behavior Analyst (BCBA). Students are not, however, required to take the BACB certification exam as part of the M.Sc. course.

Students must secure and maintain membership in a relevant professional organisation, e.g. the Psychological Society of Ireland or Applied Behaviour Analysis International, and must carry student or professional liability insurance throughout the duration of the course.

23.2 Duration: The M.Sc. is one year full time. This is an intensive course. Formal classes run from late September to late May and are normally held one day every week and occasional evenings, including some weekends. Additionally, students meet with their supervisor for individual supervision for 1-2 hours every other week from October to September. Approximately 20 group supervision hours are also offered. Dissertation research is initiated during the academic year and continued and finalised during the summer months.

23.3 Modules: The M.Sc. in Psychology (ABA) course is comprised of six modules and is equivalent to a total of 90 ECTS:

1. Advanced research & data analysis methods in ABA I 10
2. Advanced research & data analysis methods in ABA II 10
3. Research Dissertation Proposal 5
4. Special Topics in ABA 20
5. Supervised Research & Practice 15
6. Research Dissertation 30

23.4 Assessment: Students undergo a series of assessments, e.g. essays, literature reviews, written behaviour support plans, research studies, throughout the duration of the course culminating in a 10,000 (minimum) word research dissertation. Those candidates who perform at a satisfactory level in all components of the course, (i.e. practical application skills and academic assignments, and meet attendance and other requirements) as specified in the course outline, will be eligible for the award of M.Sc. in Psychology (Applied Behaviour Analysis).

One resubmission or re-sit will be offered at an agreed date for a failed piece of assessment and failure on three assessment components at the first attempt, or a second fail on the same component, will result in a student being excluded from the course. The
course will offer continuing professional development credits for graduate members of the Psychological Society of Ireland. The course sequence meets the BACB’s coursework eligibility requirements. Applicants who provide verification that they have completed this approved course sequence will not have to provide coursework documentation in order to sit the BCBA exam.

23.5 Course Director: Dr Maeve Bracken

24. Technology and Learning (M.Sc./P.Grad.Dip.)
See entry 20 in the Faculty of Engineering, Mathematics and Science for further details.

M.Phil. Courses

25. Applied Linguistics (M.Phil./P.Grad.Dip.)

25.1 Introduction: This course, which shares elements in common with the M.Phil. programmes in English Language Teaching, Linguistics, and Speech and Language Processing, is offered by the School of Linguistic, Speech and Communication Sciences.

25.2 Aims: The aims of the course are:
1. to introduce students to techniques of linguistic description and central concepts in applied linguistics
2. to proceed from this basis to more advanced study of central topics in applied linguistics
3. via the dissertation component, to introduce students to research in applied linguistics.

25.3 Admission Requirements: Applicants are normally required to possess a good primary degree or equivalent qualification. Language-specific components of the course cater for Irish and the continental European Languages of the Irish school curriculum (French, German, Italian, Spanish). Previous knowledge of applied linguistics is not a requirement.

25.4 Duration: The course is taken full-time in one calendar year (October to September) or part-time in two calendar years. Only the part-time option is available to students who require to remain in employment while taking the course.

25.5 Structure: The course consists of six taught course modules, together with a research methodology course and a dissertation. The taught course modules are made up of four mandatory core courses and two elective option courses.

25.6 Core courses. The core courses are:
   a) Second language curriculum planning and implementation
   b) Language testing
   c) Language acquisition
   d) Describing grammar

25.7 Elective courses: The elective courses include:
   a) Technology, language and communication
   b) Bilingualism and the maintenance of Irish
   c) History and globalisation of English
   d) Corpus linguistics
   e) Language variation and change
   f) Linguistic pragmatics
   g) Lexicology
   h) The English sound system
Not all options may be available in any one year, depending on staff availability and timetabling. Other options may be introduced by the Course Committee at a later date.

25.8 European Credit Transfer System (ECTS): The M.Phil. is the equivalent of 90 ECTS:
- Six course modules at 10 ECTS = 60 ECTS
- Dissertation at 30 ECTS = 30 ECTS
Total = 90 ECTS

The Postgraduate Diploma is the equivalent of 60 ECTS.

25.9 Dissertation: As well as following the above programme of study, students write a dissertation of not more than 15,000 words on a topic in second language pedagogy, second language acquisition, sociolinguistics, or another approved area in applied linguistics. The grounds on which the court of examiners may debar students from writing and submitting a dissertation are set out in the course handbook.

25.10 Assessment: Students are assessed on the basis of their performance in (i) six assignments of approximately 3-4000 words each related to the course modules of the course and (ii) their dissertation. Assignments must be submitted not later than the first Monday of the term following the term in which they are set; dissertations must be submitted not later than 30th September in the year in which the course is completed. Students whose dissertation fails to satisfy the examiners may, on the recommendation of the court of examiners and on payment of the prescribed fee, be allowed to register for a further year and revise their dissertation. Students who for personal reasons decide not to write a dissertation, or who are debarred from doing so by the court of examiners, will be awarded a Postgraduate Diploma in Applied Linguistics, provided that they satisfy the examiners in respect of their course-work. Any student who is awarded the Postgraduate Diploma automatically forfeits progression to the M.Phil. at any later stage.

25.11 Course Co-ordinator: Dr Jeffrey Kallen

26. Classics (M.Phil./P.Grad.Dip.)

26.1 Introduction: This M.Phil. in Classics is a one-year full-time taught postgraduate course. It is designed both for those who are already fully trained in the Classical languages, and for those who have completed non-language based degrees. It aims to provide students with a grounding in postgraduate research and learning essential for progression to the research register; and with the analytical, written, and verbal communication skills, and the knowledge and insight, necessary to advancement in careers chosen outside the university and education sectors. While the core courses communicate basic skills and knowledge of the main strands of Classical scholarship, the taught courses and dissertation offer students the opportunity to begin to specialise in a particular strand, whether literary, historical or archaeological.

26.2 Admission Requirements: Applicants will normally be expected to have a first or upper second class honors degree (2.1 or equivalent, e.g. GPA of 3.5) in a relevant area. Applicants may be asked for examples of recent written work. Knowledge of Greek or Latin is not required, but students hoping later to pursue a research degree in fields where the written record provides our main sources, will be strongly encouraged to acquire language skills.

26.3 Duration: The course is offered on a one-year, full-time basis, starting in September. Teaching will be spread over two 11 week teaching terms. The dissertation must be submitted in September in the year following commencement of the course. Students are expected to attend all taught components of the course.

26.4 Course Structure: The course consists of two core research skills seminars taken
by all students, a dissertation (15,000-20,000 words) submitted by all students, and four
taught (or directed reading) modules taken from the range offered in a given year; in the
case of students who wish to take either Greek or Latin language (beginners’ courses), only
two further modules are required. Students are required to complete 90 ECTS for the
award of the M.Phil. degree.

List of modules:
Module 1: Classics research skills – 15 ECTS
Module 2: Generic research skills – 5 ECTS
Module 3: Dissertation – 30 ECTS
Module 4: Greek Language – 20 ECTS
Module 5: Latin Language – 20 ECTS
Module 6: The Eternal City: the archaeology of the city of Rome – 10 ECTS
Module 7: Classics and European Identity – 10 ECTS
Module 8: Gender and Genre in Augustan Poetry – 10 ECTS
Module 9: Ethnicity in the Ancient World – 10 ECTS
Module 10: Lost in the Labyrinth? Reading’ Aegean Bronze Age Art – 10 ECTS
Module 11: The Ancient Economy – 10 ECTS
Module 12: Curiosity and Crisis in the Late Fifth Century: receptions of the Sophists – 10
ECTS
Module 13: Rulers and Image-making in the Hellenistic World – 10 ECTS
Module 14: Directed reading – 10 ECTS

Modules which have fewer than three students will not normally run, but may be offered as
directed reading modules.

Directed reading modules are available in particular areas of staff expertise in a wide range
of Greek and Latin authors, and of topics in Greek and Roman archaeology and culture.
Directed reading modules in Greek and Latin authors will only be available for those with
advanced language skills. Each directed reading module will run for 11 weeks.

26.5 Assessment: In all modules, including the dissertation, the passing grade is
50%. Students must pass all modules, including the dissertation, to be awarded the degree.
Where a student successfully completes all other required modules, but fails to reach the
required standard in the dissertation, she or he will be eligible for the award of a
Postgraduate Diploma.

26.6 Course Director: Dr Claire Taylor

27. Comparative Literature (M.Phil.)

27.1 Introduction: This course is designed to provide an understanding of Comparative
Literature as a subject of study and a critical practice. The core modules provide the
theoretical and methodological basis for comparing texts of various genres and artefacts of
different media at an advanced level. Optional modules enable the further development of
these competencies and offer opportunities to develop and apply this knowledge and these
skills to a range of primary texts from a wide range of languages, cultures, epochs and other
contexts.

27.2 Admission Requirements: In addition to appropriate proficiency in English,
applicants would normally be required to have a good honors degree (at least upper
second class honors standard), or an equivalent qualification, in a relevant area. They
should also be able to show evidence of advanced reading knowledge in a language other
than English, or advanced study in two relevant disciplines.
27.3 **Duration and course structure:** The course is full-time and lasts 12 months starting in September of each year. Teaching takes place over two terms, followed by a five-month dissertation-writing period.

The course consists of two core modules taken by all students (Theory and Methodology and Moving between Cultures), two options from the range offered in a given year, and a dissertation of 15-20,000 words whose theme and approach should be comparativist. With the approval of the Course Director students may be permitted to avail of 10-credit units offered on other M.Phil. programmes in the School.

27.4 **Assessment:** Candidates are assessed throughout the course by:

- Coursework
- Dissertation

In order to be awarded the degree of M.Phil. in Comparative Literature candidates must satisfy the Court of Examiners by obtaining an overall pass in both the following components:

1. the assessment work for core course 1, core course 2, options 1 and 2 (combined)
2. the dissertation

The two core modules each contribute 20% of the overall assessment, the options each contribute 10% and the dissertation 40%. The pass mark for all modules is 40%. Students of the Comparative Literature M.Phil. may be awarded a Distinction in the degree if they achieve an overall mark of at least 70% including at least 70% in the dissertation and provided that no credit-bearing element has been failed during the period of study.

27.5 **Course Co-ordinator:** Dr Peter Arnds

---

28. **Creative Writing (M.Phil.)**

28.1 **Introduction:** This course, the first Masters programme in creative writing in an Irish university, was offered by the School of English for the first time in 1997-98. It is based in the Oscar Wilde Centre for Irish Writing, 21 Westland Row, the birthplace of Oscar Wilde.

28.2 **Outline Description:** The M.Phil. in Creative Writing is designed as a one-year, full-time course intended for students who are seriously committed to writing, are practising, or prospective authors, and who wish to develop their writing within the framework of a university course and in the context of an Irish literary milieu. It involves the close and critical examination of the student’s work in group workshops and under guided personal tuition, with the study also of the professional techniques of book editing and publishing, and the opportunity to explore the cultural and literary contexts of writing in Ireland.

28.3 **Admission Requirements:** Applicants, who are expected to have a university degree or equivalent qualification, are selected on the basis of a submitted portfolio of selected recent creative work. Because of the close personal attention to the individual students required, places on the course are restricted to 14.

28.4 **Course Structure:** Students are required to take 1) two core modules, that is one creative writing workshop in Michaelmas term and one in Hilary term; 2) two option modules, one in Michaelmas and one in Hilary term, chosen from the options and specialist creative writing workshops on offer; 3) a module on Book Publishing and Editing in Michaelmas and Hilary terms; 4) a module on the Practice of Writing in Hilary term; 5) and are required to hold scheduled meetings with the supervisor of their portfolio in Trinity term.

28.5 **European Credit Transfer System (ECTS):** The total ECTS for the course is 90:

- Two core modules at 15 ECTS each = 30 ECTS
- Two option modules at 15 ECTS each = 30 ECTS
- Book Publishing and Editing = 5 ECTS
28.6 **Assessment:** Students are required to present for assessment:
(i) a portfolio of completed written work (15,000 words, or its equivalent in poetry or drama)
(ii) an essay on book publishing and editing
(iii) written work submitted for the specialist workshops (or option modules).

28.7 **Distinction:** A M.Phil. with Distinction may be awarded to students who achieve a distinction in the portfolio by a mark of 70% or higher, having satisfactorily completed all the other elements of the course and having achieved an overall average mark of at least 68%.

28.8 **Course Director:** Mr Gerald Dawe
**Course Administrator:** Ms Lilian Foley

29. **Early Irish (M.Phil.)**

*There is no intake in 2009-2010*

29.1 **Introduction:** This two-year course is intended to take the student to a high level of competence in Old Irish, and covers a wide range of prose and verse texts, and various aspects of Early Irish language, literature and culture.

29.2 **Admission Requirements:** On completion of the Postgraduate Diploma course, candidates who have been awarded a grade of at least second class honors, grade two, will be permitted to proceed to the M.Phil. course. Students, who have otherwise acquired a competence in Old Irish on a par with that acquired through participation in the Postgraduate Diploma course, may also be permitted to enrol for the M.Phil. course. Students will be admitted every second year.

29.3 **Duration:** The course will last for two academic years, beginning in September, and requires full-time study. The first year course will be that for the Postgraduate Diploma in Old Irish (see Entry 76 below). In the second year candidates will be assessed by examination (in summer) and a dissertation of approximately 20,000 words.

29.4 **Course Structure:** The work of the first year will be that for the Postgraduate Diploma in Old Irish (see below). The second year course will extend over two semesters, and the taught element will consist of six contact hours per week as follows:

1. Old Irish prose (two hours) 20 ECTS
2. Old Irish poetry (one hour) 10 ECTS
3. Comparative linguistics (one hour) 10 ECTS
4. Early Irish Law (one hour) 10 ECTS
5. Middle Irish (one hour) 10 ECTS
Total 60 ECTS

Students will also (optionally) attend special guest lectures in a variety of topics related to the study of Early Irish (one hour per month). In addition a dissertation of around 20,000 words, which must be typed and presented in duplicate, is to be submitted by 30th September of the same year (30 ECTS).

29.5 **Assessment:** Assessment is by a combination of examination and dissertation as follows: three examination papers, 50%; dissertation, 50% (pass level 40%).

29.6 **Distinction:** In accordance with College regulations for taught Masters courses students may be awarded a mark of Distinction. A mark of Distinction in the M. Phil. in Early Irish requires a first-class mark in the dissertation and a mark of at least II.1 in the examination.
30. Ecumenics (M.Phil. (Ecum.)/P.Grad.Dip.)

30.1 **Introduction:** Ecumenics brings together in a disciplined manner, theology, social and political theory and the study of interreligious relations so as to engage critically with the plurality of religions and value systems, with a view to strengthening truthful and just relationships within the oikoumene (one inhabited earth). The programme focuses on three key areas in which mutual understanding and relationship inform respective identities, ongoing conflicts, and approaches to reconciliation – intra-Christian, interreligious and with other ethical and political agents and agencies.

30.2 **Course Structure/Content:** Students are required to take 60 ECTS from the taught modules and a 30 ECTS dissertation. The taught modules are:

**Core Modules**
- World Christianity and Interreligious Dialogue (15 ECTS)
- Authority, Tradition and Experience: Exploring the Ecology of Oikoumene (15 ECTS)
- Ethics, Theology and Social Theory: Christian Ethics Between the Local and the Global (15 ECTS)

**Optional Modules**
- Islam and Muslim – Christian Relations (15 ECTS)
- Identity, Truth and Power: Theology Engaging Religious Fundamentalism (15 ECTS)
- Judaism and Jewish-Christian Relations (15 ECTS)
- Ethical Globalisation: The Religions in Global Civil Society (15 ECTS)
- Issues in Buddhist-Christian Dialogue (15 ECTS)

Students are required to take all core modules and one other optional module of their choice for assessment purposes, and submit essays in these. In addition, there is an option to pursue fieldwork in Northern Ireland.

The Postgraduate Diploma as an exit qualification is the equivalent to 60 ECTS.

30.3 **Description of Modules:**

**World Christianity and Interreligious Dialogue**
Provides the foundations for examining the dialogue of religions, focusing on the challenges of doing theology interculturally.

**Authority, Tradition and Experience: Exploring the Ecology of Oikoumene**
Explores the notion of theological ecumenicity, attending in particular to the distinctive emphases of an ecumenical theology.

**Ethics, Theology and Social Theory: Christian Ethics Between the Local and the Global**
Explores the dynamic field of ethics from ecumenical perspectives, with special attention to ethical sources and approaches with a view to the churches' role in socio-political contexts.

**Islam and Muslim-Christian Relations**
Focuses on the history of Islam and the present situation of Muslim-Christian relations, from a theological and socio-cultural point of view.

**Identity, Truth and Power: Theology Engaging Religious Fundamentalism**
Challenges theological disregard for so-called religious fundamentalism and explores theological approaches to contemporary resurgent religiosity.
Northern Ireland: Conflict, Religion and the Politics of Peace
Critically examines the history of economic and cultural division; the churches’ political and cultural roles; Anglo-Irish relations since 1969 and the shifting prospects for a politics of peace. A four day field trip to Northern Ireland is organised in support of this course and there will be an additional cost.

Judaism and Jewish-Christian Relations
Explores sources and themes that are both contested and held in common by Judaism and Christianity; and analyses the post-Shoah context - philosophical, imaginative and political - within which Christians and Jews relate to one another.

Ethical Globalisation: The Religions in Global Civil Society
Addresses the variety and complexity of the religions’ roles in both promoting and resisting ethical globalisation, from theological and extra-theological perspectives.

Issues in Buddhist-Christian Dialogue
Introduces the history and problems of Christianity’s encounter with Buddhism; the socio-intellectual context of early Buddhism; varieties of Buddhism; traditional and modern Buddhist societies.

Modules in Peace Studies and in Reconciliation Studies are open to students on the Ecumenics programme. Students seeking to be assessed for their work on a module in either of the two other programmes must first secure the permission of the relevant course co-ordinators.

30.4 **Duration:** Taught M.Phil. - one-year (12 months), full-time; two-year (24 months), part-time. Teaching takes place in Dublin over two twelve week semesters, September to December and January to April.

30.5 **Assessment:** Each module requires a 5,000-6,000 word essay which is to be submitted according to the internal deadlines distributed at the beginning of each academic year, with final submission date by 1st May. The 30 ECTS dissertation is 18,000-20,000 words long, and is to be submitted by 1 August. Students must achieve a mark of at least 50% in two module assessments, and at least 40% in the other two in order to proceed to dissertation, and must receive a mark of at least 40% in the dissertation to be eligible for the degree of M.Phil. Those who achieve at least 40% on all four module assessments, but do not achieve 50% on at least two, may at the discretion of the Court of Examiners be recommended for the award of a Postgraduate Diploma in Ecumenics without further assessment.

Students can be awarded the M.Phil. with Distinction if they achieve a mark of Distinction (70%+) on their dissertation together with a mark of Distinction (70%+) on two module assessments and a mark of at least 60% on two other module assessments. A student who does not wish to submit a dissertation and be considered for the degree of M.Phil. may instead opt to be considered for a Postgraduate Diploma in Ecumenics by notifying the programme co-ordinator in writing before 1st April. Such students are required to submit module assessments by 1st May, and to achieve a mark of at least 40% on each. Any student, who is awarded the Postgraduate Diploma, automatically forfeits progression to the M.Phil. at a later stage.

30.6 **Admission Requirements:** Applicants should normally have a second class honors degree or higher in Theology or Religious Studies or an equivalent degree in a cognate discipline. Students not meeting these criteria may exceptionally be considered at the discretion of the Dean of Graduate Studies. For further information please contact the Secretary, Ecumenical Studies Programme, Irish School of Ecumenics (Trinity College Dublin), Bea House, Milltown Park, Dublin 6, Ireland.

30.7 **Course Co-ordinator:** Dr Andrew Pierce
31. English Language Teaching (M.Phil./P.Grad.Dip.)

31.1 **Introduction:** This course, which shares elements in common with the M.Phil. programmes in Applied Linguistics, Linguistics, and Speech and Language Processing, is offered by the School of Linguistic, Speech and Communication Sciences. The course aims to introduce students to central concepts in applied linguistics and English language teaching. Through the dissertation component, the course goes on to introduce students to current research in the teaching of English to speakers of other languages.

31.2 **Aims:** The aims of the course are:
   
   (a) to introduce students to central concepts in applied linguistics and English language teaching
   
   (b) via the dissertation component, to introduce students to current research in the teaching of English to speakers of other languages

31.3 **Admission Requirements:** Applicants are normally required to possess a good primary degree or equivalent qualification. Preference may be given to applicants with experience of teaching English. Previous knowledge of applied linguistics is not a requirement. Students whose first language is not English are required to take a four-week induction programme in September to prepare them for postgraduate study in Ireland. They are also provided with English language support during their course. All applicants are expected to show proficiency in at least one language other than their first language.

31.4 **Duration:** The course is taken full-time in one calendar year (October to September).

31.5 **Structure:** The course consists of six taught course modules and a dissertation, which includes an obligatory research methodology course. Four modules are mandatory and two are electives.

31.6 **Core courses:** The mandatory core courses are:

   a) Describing English grammar
   b) The pedagogical grammar of English
   c) Second language curriculum planning and implementation
   d) Language testing

31.7 **Elective courses:** The elective courses include:

   a) Technology, language and communication
   b) History and globalisation of English
   c) The English sound system
   d) Linguistic pragmatics
   e) Language variation and change
   f) Bilingualism and the maintenance of Irish
   g) Lexicology
   h) Corpus linguistics

Not all options may be available in any one year, depending on staff availability and timetabling. Other options may be introduced by the Course Committee at a later date.

31.8 **European Credit Transfer System (ECTS):** The M.Phil. is the equivalent of 90 ECTS: Six course modules at 10 ECTS = 60 ECTS
   
   Dissertation at 30 ECTS = 30 ECTS
   
   Total = 90 ECTS

   The Postgraduate Diploma is the equivalent of 60 ECTS.

31.9 **Dissertation:** As well as following the above programme of study, students write a dissertation of not more than 15,000 words on a topic in second language pedagogy, the
sociolinguistics of English, or another approved area related to English language teaching. The court of examiners may debar students from writing and submitting a dissertation (i) if they fail to submit a detailed plan and work schedule for their dissertation by the end of Hilary term or (ii) if they fail to achieve at least a II.2 grade in each of their assignments. In such a case students will be awarded a Postgraduate Diploma in English Language Teaching, provided that they satisfy the examiners in respect of their course work.

31.10 Assessment: Students are assessed on the basis of their performance in (i) six assignments of approximately 3-4,000 words each related to the course modules of the course and (ii) their dissertation. Assignments must be submitted the first Monday of the term following the term in which they are set; dissertations must be submitted not later than 30th September in the year in which the course is completed. Students are allowed to compensate for one fail mark amongst their six assignments provided that their average mark for all six assignments is at least 40%.

Students who for personal reasons decide not to write a dissertation, or who are debarred from doing so by the court of examiners, will be awarded a Postgraduate Diploma in English Language Teaching, provided that they satisfy the examiners in respect of their course-work. Any student who is awarded the Postgraduate Diploma automatically forfeits progression to the M.Phil. at any later stage.

31.11 Course Co-ordinator: Dr Jeffrey Kallen

32. Ethnic and Racial Studies (M.Phil.)

32.1 Introduction: This programme is offered by the Department of Sociology to provide specialist training in the field of ethnic and racial studies.

32.2 Admission Requirements: Students should have a good first degree (preferably upper second class honors) in one of the social sciences or a degree that includes social science as a component. However, consideration will also be given to applicants with other relevant academic qualifications, work experience, publications and positive academic references. The programme is particularly suitable for public and voluntary sector employees and has attracted a diverse international student body. All candidates are required to complete a statement of interest, which is taken into account as part of the admission process.

32.3 Duration: This full-time programme commences in October and lasts 12 months. It consists of a taught component and a dissertation.

32.4 Course structure: The programme has four components:

1. Two core mandatory courses (15 ECTS each)
   (a) ‘Race’ and ethnicity, theoretical concepts
   (b) Researching ‘race’ and ethnicity.

2. A range of one-term optional modules. The list below details a typical set of modules on offer although these may differ from year to year. Students must take optional modules equivalent to 30 ECTS
   (a) Human rights and global issues (5 ECTS)
   (b) Race, ethnicity, migration: gender perspectives (5 ECTS)
   (c) Race, ethnicity and social policy (5 ECTS)
   (d) Citizenship and immigrant incorporation: comparative perspectives on North America and Western Europe (10 ECTS)
   (e) Transcultural practice and visual culture (5 ECTS)
   (f) Conflict resolution, governmentality, Ireland (10 ECTS)
   (g) Migration and the labour market (5 ECTS)
3. A 15,000 – 20,000 words dissertation (30 ECTS) on any approved topic relating to ethnic and racial issues.
4. Seminars, lectures and occasional workshops are also offered during the academic year.

32.5 Assessment: The assessment is based on an essay or other written assignment for each of the course components and a dissertation. Depending on passing all the required course-work, students may proceed to research and write a dissertation due at the end of September in the year following entry. It is necessary to obtain a pass mark in the dissertation to successfully complete the M.Phil.

32.6 Course Co-ordinator: Dr Ronit Lentin

33. European Studies (M.Phil.)

33.1 Introduction: This interdisciplinary course is designed to provide an overview of European intellectual and cultural history, looking at Europe and its history from a range of critical perspectives. It builds on the inclusive, interdisciplinary approach of Trinity's undergraduate European Studies programme, but with a higher level of intellectual sophistication and breadth. The core module ('Europe and its Other(s): Ideas, identities and symbolic geographies in Europe'), which runs over two semesters, introduces a number of theoretical approaches to European intellectual, cultural and political history. A range of optional modules permits students to apply and develop these approaches, with a focus both on distinct national or regional cultures and histories on the one hand, and/or specific issues and problems in European history and culture(s) on the other.

33.2 Admission Requirements: Applicants are normally required to have a good honors degree (at least upper second class honors standard), or an equivalent qualification, in a cognate area. In addition, applicants should normally have an advanced reading knowledge of at least one language other than English from among those offered by the School of Languages, Literatures and Cultural Studies at Trinity College Dublin.

33.3 Duration: The course is taken full-time in one calendar year, starting in September of each year. Teaching takes place over two semesters, followed by a five-month dissertation-writing period.

33.4 Course Structure: The course consists of a two-part core course taken by all students ('Europe and its Other(s): Ideas, identities and symbolic geographies in Europe'), together with four options chosen from the range offered in a given year, and a dissertation of up to 20,000 words on a subject approved by the Course Co-ordinator. With the approval of the Course Co-ordinator, students may choose no more than TWO of their optional courses from among those offered on other M.Phil. programmes.

33.5 Assessment: Candidates are assessed throughout the course by coursework and dissertation. [Students must obtain a pass in the core course and dissertation, and obtain an overall pass in their options, in order to pass the course.]

33.6 [The core course carries 20% of the overall marks, the options each contribute 10% and the dissertation carries 40% of the total marks. The pass mark for all elements is 40%.

33.7 ECTS: The total credits for the course come to 90:
- Core course at 20 credits = 20 credits
- 4 options at 10 credits each = 40 credits
- Dissertation at 30 credits = 30 credits
- Total = 90 credits
34. Film Theory and History (M.Phil.)

34.1 Introduction: The M.Phil. in Film Theory and History is designed to equip students with a wide-ranging and sophisticated knowledge of film theory and film history.

34.2 Admission requirements: Applicants should have a good honors degree of upper second class or above, or an equivalent qualification, in a cognate area.

34.3 Duration: The course lasts for one academic year from the beginning of October until the beginning of the following September and requires full-time study.

34.4 Course structure: the course consists of five core modules, two elective modules, and a dissertation. In addition to lectures/seminars, students are required to attend a 2-hour screening per course each week for Michaelmas and Hilary terms:

1. Post-Classical Hollywood Cinema (core course; two hours weekly in Michaelmas term): This module will introduce students to key concepts in the history and analysis of post-classical Hollywood cinema. In particular, the course will focus on issues of genre and authorship, with an emphasis on understanding popular cultural representations of issues within and external to American society from the 1960s to the present. ECTS: 10.

2. Post-Classical European Cinema (core module; two hours weekly in Hilary term): This module will introduce students to key concepts in the history and analysis of contemporary European cinema. This course will discuss a range of issues that arise in a selection of contemporary European films. The focus will be on social issues, including race and identity, although the course will also consider questions of form, particularly in the light of developments in digital cinema. ECTS: 10.

3. Film Theory and Criticism (1) (core module; two hours weekly in Michaelmas term): This course will consider key moments in the history of the moving image. It will pay particular attention to the diverse ways in which cinematic space and time has been conceived and constructed in different historical, cultural and aesthetic contexts. This will include a survey across the history of cinema including an examination of early cinema, popular genres, modernism, documentary and the avant-garde. ECTS: 10.

4. Film Theory and Criticism (2) (core module; two hours weekly in Hilary term): This course will establish a dialogical relationship between theoretical and practical concerns in film studies with a view to enhancing understanding of how the medium has been used creatively at different times in its development. This will be achieved through a close examination of separate case studies, organised around key directors and/or film movements. ECTS: 10.

5. Research Methodologies (core module; 9 sessions of two hours each across three terms): This module prepares students for the formal processes of research and writing at M.Phil. level. Classes will cover library use, archival skills, electronic resources, use of endnote, research skills, note taking, writing and presentation techniques. ECTS: 5.

6. Elective Courses: Students will choose at least one module from the film studies elective courses available. These will include (depending on the availability of staff and module places, and the agreement of course directors and/or head of school): Cinema and Ireland; Contemporary Irish Cinema; Documentary; and World Cinema. In addition, students may take one module from the menu of elective courses available on other School of Drama, Film and Music M.Phil. programmes. These may include (depending on the availability of staff and module places): Applied Theatre; Intercultural Performance, Playwriting;
109
Theatre and Ireland; Theatre and Performance in Digital Culture; the Comic Body; Theatre and Nationalism; Opera; Irish Music. ECTS: 10 per course.
7. A dissertation of approximately 15,000 words on an approved aspect of the course to be supervised by an appropriate member of staff. ECTS: 25.

34.5 Assessment: Assessment is by a combination of coursework and dissertation. There are two elements to the assessment:

1. Six essays of 4,000 words each (three each term) for six main core and option courses (weighted at 10% each of the final grade). Total ECTS: 60.
2. Dissertation of approximately 15,000 words and research methodologies module combined weighting of 40% of the final grade. Total: ECTS: 30.

Students may re-write and re-submit one essay which receives a fail mark. Students may carry no more than one fail mark in their coursework in order to pass the course as a whole. Students must pass the dissertation in order to pass the course as a whole. All components of the course must be completed by the beginning of September.

34.6 Course Co-ordinator: Dr Paula Quigley

35. Gender and Women’s Studies (M.Phil./P.Grad.Dip.)

35.1 Introduction: This course is designed to provide a critical understanding of the current scholarship on the position and representation of women in society. Drawing on insights and perspectives from a number of academic fields, the course is both interdisciplinary and multidisciplinary.

35.2 Admission Requirements: Candidates should normally have a good honors degree or an equivalent qualification.

35.3 Duration: One year full-time or two years part-time.

35.4 Course Structure: The programme of study has three components:
1. Core Modules:
   a) Feminist Theories (Michaelmas Term)
   b) Contemporary Feminist Theories (Hilary Term)
   c) Feminist Research Methods
   d) Generic Research Skills

2. Optional Modules: The range of modules available varies from year to year. Only modules offered in Michaelmas and Hilary terms can fulfil the optional module requirement. All optional modules, except Creative Writing, carry 5 ECTS. Optional modules include the following:
   a) Creative Writing
   b) Feminism and the Law
   c) Feminist Theory and the Law
   e) Gender and the Culture of Violence
   f) Gender and Globalisation
   g) Gender, Identity and Independence: Women in the Free State in the 1920s and 1930s
   h) Gender and Nation in Irish Writing
   i) Irish Feminism from 1860
   j) Psychological Development of Girls and Women
   k) Readings on Masculinities
   l) Women and the Family
   m) Women, Work and Employment
3. Dissertation: M.Phil. students are required to write a dissertation of a minimum of approximately 15,000-20,000 words on any approved topic relating to women or gender. The dissertation is due in September of the year of entry for full-time students and September of year two for part-time students. Postgraduate Diploma students are required to write a fifth essay which is due in June of the year of entry for full-time students and June of year two for part-time students.

35.5 Assessment: At the end of Hilary term, a decision will be taken, in consultation with each student, to determine the student’s progression to the M.Phil. dissertation. The Advisory Committee reserves the right to make the final decision. The award of M.Phil. depends on satisfactory completion of four course essays and the dissertation. The award of Postgraduate Diploma depends on the satisfactory completion of five course essays. Any student, who is awarded the Postgraduate Diploma, automatically forfeits progression to the M.Phil. at any later stage.

35.6 European Credit Transfer System (ECTS):
- Feminist Theories and Contemporary Feminist Theories, worth 10 and 5 ECTS (10+5=15 ECTS) respectively
- Feminist Research Methods worth 10 ECTS
- Generic Research Skills worth 5 ECTS
- Six optional courses each worth 5 ECTS (5+5+5+5+5+5=30 ECTS)
- Dissertation worth 30 ECTS

35.7 Course Director: Dr Maryann Valiulis

36. German Literature with Language Pedagogy (M.Phil./P.Grad.Dip.)

There is no intake in 2009-10 as the course is under review

36.1 Introduction: The course is designed to train well-qualified graduates of German Studies in literary critical methodology and equip them for further research in German literature. As a preparation for a career in third-level teaching it also provides an introduction to language pedagogy.

36.2 Admission Requirements: Applications are normally accepted only from persons with a first or upper second class degree in German Studies or its equivalent.

36.3 Duration: The course lasts for one calendar year from October (full-time students) or two calendar years (part-time students).

36.4 Course structure: The course will consist of three types of modules: 1) core modules; 2) optional modules; 3) a dissertation. Total 90 ECTS.

1. Core modules
   a) Theory and Methodology 20 ECTS
   b) Praktikum Textarbeit (practical criticism) 10 ECTS
   c) Didaktik Deutsch als Fremdsprache (theory of the teaching of German language proficiency) 10 ECTS

2) Optional modules
   a) German Literature Option 1 10 ECTS
   b) German Literature/Cultural Studies Option 2 10 ECTS

For details of options available in any given year see the Department of Germanic Studies Postgraduate Handbook.

3. A dissertation (30 ECTS) arising out of one of the subjects studied (excluding Didaktik Deutsch als Fremdsprache), submitted by 30th September must comprise approximately 25,000 words.
A Distinction may be awarded for the M.Phil. in German Literature with Language Pedagogy when a distinction has been achieved in the dissertation, no module has been failed, and an overall average grade from all modules (including the dissertation) of 70% or above has been achieved.

36.5 Assessment: Assessment is by a combination of course papers, examination, and dissertation (including a viva voce examination), in the proportions: Dissertation 40%, Didaktik Deutsch als Fremdsprache 20%, Essay 1 15%, Essay 2 15%, Praktikum Textarbeit 10%. Students must complete the other course elements satisfactorily in order to proceed to the dissertation phase. Those who are not permitted to do so, or who fail to satisfy the examiners of the dissertation, may, at the discretion of the board of examiners, be awarded a Postgraduate Diploma in German Literature with Language Pedagogy. Any student, who is awarded the Postgraduate Diploma, automatically forfeits progression to the M.Phil. at any later stage.

36.6 Course Co-ordinator: Professor Moray McGowan

37. Irish Art History (M.Phil.)

37.1 Introduction: The degree is intended to enable well-qualified graduates of Art History and related disciplines to undertake an intensive course of study specialising in aspects of Irish art. While the art and architecture studied will be Irish, they will be explored in an international context, and students will be familiarised with methodologies of analysis that can be applied to art works from any culture. A core dimension of the programme will involve exploring the concept of ‘Irishness’. A particular advantage of this course is the accessibility of a substantial range of relevant art objects and structures in, and in the vicinity of, Trinity College as well as extensive library and archival resources.

37.2 Admission Requirements: Candidates must hold a good honors degree, normally an upper second class honors or above, or equivalent. An undergraduate degree in Art History is preferable, but not essential. However, applicants without a qualification in Art History will be encouraged to attend introductory/undergraduate lectures in addition to those specified for the M.Phil.

37.3 Duration: The course is for one year, on a full-time basis, commencing at the end of September, and concluding at the end of the second week of the following September.

37.4 Course Structure: The M.Phil. in Irish Art History encompasses overall eight key elements: general survey of developments in Irish art; detailed study of selected periods of creativity; engagement with themes and issues of debate; analysis of approaches and methodologies of research; introduction to a range of repositories of primary and secondary research material; exposure to current research interests of staff, guest specialists, and of other postgraduate students; familiarity with a range of works of art and architecture through direct exposure and through slides, digital images and illustrated texts; and experience of personal research on a subject chosen by the student.

The structure comprises a taught component and a dissertation.

The taught component comprises five modules:
1. Irish Art and its Contexts (one 1-hour lecture per week) 10 ECTS
2. Themes and Issues in Irish Art History (one 2-hour seminar per week) 15 ECTS
3. Research Methodologies (one 2-hour seminar per week) 10 ECTS
4. Special Subject (one 2-hour seminar per week) 20 ECTS
Students select one module from a list of options.
These typically include:
There will be a series of field trips to visit relevant locations. These may include sites, monuments and buildings of special interest/relevance, exhibitions, collections, artists’ studios/facilities, and so on. These will be scheduled according to availability and time permitting.

37.5 **Assessment:** Students will be assessed on the successful completion of
(i) Coursework: obligatory assignments including essays, critiques, presentations and research exercises. Details will be provided to registered students at the beginning of the course.
(ii) Dissertation of 15,000–20,000 words on a subject relevant to the programme, to be submitted by 30th September.

37.6 **European Credit Transfer System (ECTS):** The M.Phil. is worth 90 ECTS in all, comprising 30 ECTS for the dissertation, and 60 ECTS for the taught component. To be awarded the M.Phil. students must have achieved an overall satisfactory result in each part of the assessment, i.e. in the taught component and in the dissertation. No compensation is permitted between the taught and the dissertation parts of the assessment.

37.7 **Course Co-ordinator:** Dr Yvonne Scott

### 38. Irish Film, Music and Theatre (M.Phil.)

38.1 **Introduction:** The course is designed to provide students with a sound grounding in the history and critical contexts of Irish film, music and theatre. Skills in research methods will be developed through a research methodology module.

38.2 **Admission Requirements:** Applicants will be required to hold at least an upper second class honors in an arts subject. Non-EU applicants will be required to hold an equivalent qualification. Candidates with relevant, and significant, experience as professional practitioners in film, music or theatre may be accepted with lower qualifications.

38.3 **Duration and course structure:** The course will run over a year on a full-time basis. All modules are compulsory for M.Phil. students.

The taught component comprises seven modules, the first of which is compulsory, and five of which must be chosen from 2 – 7.

1. Research Methodologies (18 hours over three terms): 5 ECTS
2. Cinema and Ireland (MT; 2 hour lecture/seminar per week plus 2 hour film screening): 10 ECTS
3. Contemporary Irish Cinema (HT; 2 hour lecture/seminar per week plus 2 hour film screening): 10 ECTS
4. Theatre and Ireland 1 (HT; 2 hour lecture/seminar per week): 10 ECTS
5. Theatre and Ireland 2 (HT; 2 hour lecture/seminar per week): 10 ECTS
6. Irish Music 1 (MT; 2 hour lecture/seminar per week): 10 ECTS
7. Irish Music 2 (HT; 2 hour lecture/seminar per week): 10 ECTS
An elective module may be chosen from another of the School’s M. Phils., subject to the availability of places and the agreement of the course directors and/or head of School. These electives typically include:

Performance and Technology 1 (MT; 10 ECTS; M. Phil. in Theatre and Performance)
Performance and Technology 2 (HT; 10 ECTS; M. Phil. in Theatre and Performance)
Intercultural Performance (10 ECTS; M. Phil. in Theatre and Performance)
Theatre and Nationalism 1 (MT, 10 ECTS; M. Phil. in Theatre and Performance)
Theatre and Nationalism 2 (HT, 10 ECTS; M. Phil. in Theatre and Performance)
Post-classical European and American cinemas 1 (MT, 10 ECTS; M. Phil. in Film Theory and History)
Film Theory and History 1 (MT, 10 ECTS; M. Phil. in Film Theory and History)
Opera as a manifestation of national consciousness (HT, 10 ECTS; M. Phil. in Musicology and Music Theory)

38.4 Assessment: Candidates shall be assessed throughout the course by:
- Essays and presentations
- A dissertation based on a research project.

In order to be awarded the degree of Master of Philosophy in Irish Film, Music and Theatre, candidates must satisfy the Court of Examiners by passing all three of the taught strands and by obtaining a pass in the dissertation (max. 15,000 words). The taught modules will contribute 60% of the overall assessment mark (6 modules at 10 ECTS each). The research element of the course will contribute 40% (30 ECTS, 5 of which will be in Research Methodologies and 25 ECTS for Dissertation) of the overall assessment mark. The pass mark for each module and for the dissertation is 50%. Candidates must obtain a pass mark (50%) in their dissertation to be awarded an M.Phil.

Students who fail to satisfy the Court of Examiners in no more than two modules may be permitted at the discretion of the Court to represent themselves on one occasion only for supplementary written work. A candidate who fails more than two modules at the first attempt will be required to withdraw from the programme. Where a student is required to take such supplementary work the original mark in the failed module will be replaced by 50% in the case of a successful outcome. Any candidate who fails any piece of supplementary coursework will be required to withdraw from the programme.

38.5 Course Director: Dr Melissa Sihra.

39. Irish Writing (M.Phil./P.Grad.Dip.)

39.1 Introduction: The course offers graduates in English or in related disciplines (e.g. history, art history, Irish studies, a modern language) the opportunity to study the broad range of Irish writing in English from the eighteenth century to the present. It also addresses thematic aspects of the field.

39.2 Admission Requirements: Applicants should normally have a good honors degree (at least of upper second standard) or equivalent qualification. Some previous knowledge of Irish writing is desirable.

39.3 Duration: The course lasts for one calendar year from October and requires full-time study.

39.4 Course Structure/Content: The course consists of five elements:
- a) Perspectives in Irish Writing. This module offers students the opportunity to study the course of Irish Writing in English from 1590 to the present from a variety of perspectives which include: Ideas of the Nation 1691-1800; Ideas of the Nation 1800-1850;
Towards the Revival; Edwardian Ireland; Revolution, war and Irish Writing; Nation and the international crisis; Ireland, literature and modernity; Irish literature and ‘The Troubles’; current writing. This course is taught in one two-hour session per week in Michaelmas and Hilary terms.

b) Single authors: Swift, Yeats; Joyce, Beckett. In this module Swift and Yeats are studied in one two-hour weekly session in Michaelmas term. Joyce and Beckett are studied in one two-hour weekly session in Hilary term.

c) There is a Module in Research Methods in Michaelmas term.

d) A number of Option modules are offered in Michaelmas and Hilary terms. Students are required to take one of the options offered in Michaelmas term and one of the options offered in Hilary term. Options available in 2009-2010 will include the following: Irish Theatre 1899-2009; Irish Women’s Writing; Irish Poetry since Yeats; Contemporary Irish Fiction.

In place of an option module offered in the Hilary term, students may enrol for a Creative Writing workshop, which meets throughout the Hilary term. Entry to this part of the course is based on assessment of a portfolio of the student’s writing which must be submitted before the end of the Michaelmas term.

e) A dissertation on an aspect of Irish Writing is planned in consultation with a Course Director in Hilary Term and is prepared and written under the guidance of a Supervisor during Trinity term and the long vacation.

39.5 **European Credit Transfer System (ECTS):** The total ECTS for the course is 90:

- Perspectives in Irish Writing = 20 ECTS
- Single Authors = 20 ECTS
- 2 X Options = 20 ECTS
- Research Methods = 5 ECTS
- Dissertation = 25 ECTS

39.6 **Assessment:** Assessment is by a combination of course papers (in the case of Creative Writing by presented work) and dissertation with weighting as follows:

1. Course papers and presented work (60%)  
2. Dissertation (40%).

Students must complete the other elements of the course satisfactorily before being allowed to present the dissertation. Candidates who satisfy the examiners in everything but the dissertation may be considered for the award of a Postgraduate Diploma in Irish Writing. Any student, who is awarded the Postgraduate Diploma, automatically forfeits progression to the M.Phil. at any later stage.

39.7 **Distinction:** A M.Phil. with Distinction may be awarded to students who achieve a distinction in the dissertation by a mark of 70% or higher, having satisfactorily completed all the other elements of the course and having achieved an overall average mark of at least 68%.

39.8 **Course Directors:** Professor Nicholas Grene  
Dr Eve Patten  
**Administrator:** Ms Lilian Foley

40. Linguistics (M.Phil./P.Grad.Dip.)

40.1 **Introduction:** This course, which shares elements in common with the M.Phil. programmes in Applied Linguistics, English Language Teaching, and Speech and Language Processing, is offered by the School of Linguistic, Speech and Communication Sciences.

40.2 **Aims:** The aims of the course are:

(a) to introduce students to central concepts in linguistics  
(b) to proceed from this basis to more advanced study of central topics in linguistics
(c) via the dissertation component, to introduce students to research in linguistics.

40.3 Admission Requirements: Applicants are normally required to possess a good primary degree or equivalent qualification. Previous knowledge of linguistics is not a requirement.

40.4 Duration: The course is taken full-time in one calendar year (October to September) or part-time in two calendar years. Only the part-time option is available to students who require to remain in employment while taking the course.

40.5 Structure: The course consists of six taught course modules, together with a research methodology course and a dissertation. The taught course modules are made up of four mandatory core courses and two elective option courses.

40.6 Core courses: The core courses are:
   a) Describing Grammar
   b) Describing Meaning
   c) Describing the sounds of languages
   d) Laboratory phonetics and phonology

40.7 Elective courses: The elective courses include:
   a) Language variation and change
   b) Linguistic pragmatics
   c) Corpus linguistics
   d) Advanced syntactic theory
   e) Technology, language and communication
   f) Bilingualism and the maintenance of Irish
   g) History and globalisation of English
   h) The English sound system

Not all options may be available in any one year, depending on staff availability and timetabling. Other options may be introduced by the Course Committee at a later date.

40.8 European Credit Transfer System (ECTS): The M.Phil. is the equivalent of 90 ECTS:
   Six course modules at 10 ECTS = 60 ECTS
   Dissertation at 30 ECTS = 30 ECTS
   Total = 90 ECTS

The Postgraduate Diploma is the equivalent of 60 ECTS.

40.9 Dissertation: As well as following the above programme of study, students write a dissertation of not more than 15,000 words on a topic in syntactic, semantic, and pragmatic theory; sociolinguistics; experimental phonetics and phonology; or another approved area in linguistics. The grounds on which the court of examiners may debar students from writing and submitting a dissertation are set out in the course handbook.

40.10 Assessment: Students are assessed on the basis of their performance in (i) six assignments of approximately 3-4000 words each related to the course modules of the course and (ii) their dissertation. Assignments must be submitted not later than the first Monday of the term following the term in which they are set; dissertations must be submitted not later than 30th September in the year in which the course is completed. Students whose dissertation fails to satisfy the examiners may, on the recommendation of the court of examiners and on payment of the prescribed fee, be allowed to register for a further year and revise their dissertation. Students who for personal reasons decide not to write a dissertation, or who are debarred from doing so by the court of examiners, will be awarded a Postgraduate Diploma in Linguistics, provided that they satisfy the examiners in respect of their course-work. Any student who is awarded the Postgraduate Diploma automatically forfeits progression to the M.Phil. at any later stage.
41. Literary Translation (M.Phil.)

41.1 Introduction: This course is intended for well qualified graduates of Modern Languages and mature students with experience as translators.

41.2 Aims: A graduate of the course will be qualified to work as a literary translator and to undertake cultural, academic or philosophical translation as well as literary translation and will be well equipped for employment in any area demanding a high level of intercultural awareness, as well as having excellent writing and analytical skills. The object of the course is to form professionals who will have learned to work in an ethos of mutual intellectual and linguistic exchange.

The M.Phil. combines a core, which addresses theoretical, linguistic and practical issues common to all or most translation situations, with specialised options which are specific to countries, languages and periods, as in the structure detailed below.

41.3 Course Structure: The course is a one-year, full-time course (September to September). The need for a cohesive plan and a unified cohort is balanced against the need to provide specialised support for a broad range of languages. This can be done by providing an emphasis on general issues early in the year, and allowing more specialisation as students move to assemble a portfolio of translations and begin work on their dissertations, towards the end of Hilary term.

Courses taken by all students:
1. A course on Theory and Methodology (2 weekly hours for one term), shared with other M.Phil. courses in the Faculty, and a course on Translation Theory and History (2 weekly hours for one term).
2. Texts and Translations workshop (2 weekly hours for two terms), taught by various hands and in the second term by a professional translator (or translator in residence). Typically the lecturer introduces a text and then leads a discussion about the problems and issues encountered in translating it.
3. Student seminar, in which students will present examples of their own work (1 or 2 weekly hours for two terms). This exercise is designed to help with the choice of literary texts for the portfolio, and to develop skills in the target language. (At present the assumption is that the target language would be English.)

Options: Students will select one option in each term from a number of one-term and two-term options. A student might apply to take a language module or engage in language study instead of one option. This is at the discretion of Heads of Departments. In order to facilitate potential exchange or independent travel abroad, no classes are scheduled for Trinity Term.

41.4 Admission: Applicants should hold a good honors degree in at least one language, or a degree plus proven language competence, or experience at a suitable level as a translator.

41.5 Assessment procedures: Options: by essays (1 per 1-term option, 2 for a year long option).
Translation workshop and student seminar: by portfolio of translations.
Theory and Methodology and Translation Theory and History core courses: by essays.
Language study (if taken instead of options) assessed by Departments.
A dissertation will be written in the second half of the year.

The dissertation may be either an annotated translation or an academic treatment of a subject in translation studies or comparative literature. Length: about 20,000 words.
Weighting of elements: 30% each for the portfolio and dissertation, 20% each for a theoretical/historical/literary/cultural studies essay or the options essays (spread over 2 terms).

In order to pass, students must achieve a mark of at least 40% on their portfolio of translations. Students may rewrite and resubmit a piece of course work (OTHER THAN the portfolio of translations) which receives a fail mark. Students may carry no more than one fail mark in their course work in order to pass the course as a whole. Students must pass the dissertation to pass the course as a whole. Students whose dissertation fails to satisfy the examiners may, on payment of the prescribed fee, be allowed to register for a further year to revise or complete their dissertation.

41.6 European Credit Transfer System (ECTS):
- Two core modules at 10 ECTS each = 20 ECTS
- Two options at 10 ECTS each = 20 ECTS
- Portfolio = 20 ECTS
- Dissertation (20,000 words) = 30 ECTS

The M.Phil. is the equivalent of 90 ECTS. A Distinction will be awarded when there are no Fails in coursework essays and a First is obtained in the Dissertation and also in the Portfolio.

41.7 Course Co-ordinator: Dr Peter Arnds

42. Literatures of the Americas (M.Phil.)

42.1 Introduction: In this course students engage in an advanced and detailed way with the literatures of the Americas. The course stimulates fresh analyses of a wide range of literatures in English and in translation into English, by canonical, mainstream, avant-garde and miscellaneous writers, and opens up research opportunities in this dynamic field. Students interact with literatures in various genres and from different historical periods in their development of a complex sense of the literatures of the Americas, and the course promotes inter-disciplinarity as a key feature of its pedagogical approach. While the degree is complete in itself, it also lays the foundations for doctoral research in Postcolonial and American literary studies.

42.2 Admission Requirements: II.1 honors BA degree or the equivalent, in English and/or American Studies or a cognate discipline. Candidates must submit a sample of their critical writing as part of their application (max. 5,000 words).

42.3 Duration: The course lasts for one calendar year from the end of September and requires full-time study.

42.4 Course Structure: The course comprises four elements: (1) two core modules, "Theorizing the Americas" and "Thematizing the Americas," which are taught in two 2-hour seminars in Michaelmas and Hilary terms respectively; (2) two 1-semester option modules which meet for one 2-hour seminar each week in Michaelmas / Hilary terms; (3) the School of English Research Methods module, which is taught in one weekly 2-hour seminar in Michaelmas term; (4) dissertation. A detailed list of option modules is available in the course handbook.

42.5 European Credit Transfer System (ECTS): The total ECTS for the course is 90:
- Two core modules at 15 ECTS each = 30 ECTS
- Research Methods module = 5 ECTS
- Dissertation = 25 ECTS
- Total = 90 ECTS
42.6 Assessment: Students submit 2 essays of 1,500 words each for two core modules, and 1 essay of 6,000-8,000 words for each option module taken. They also submit a supervised dissertation of up to 20,000 words. Students must complete and pass all assessment elements to pass the course (the pass mark is 40%). The 6 essays taken together count for 60% of the final mark. The dissertation counts for 40%. Failed work may be resubmitted with the approval of the Course Committee.

42.7 Distinction: A M.Phil. with Distinction may be awarded to students who achieve a distinction in the dissertation by a mark of 70% or higher, having satisfactorily completed all the other elements of the course and having achieved an overall average mark of at least 68%.

42.8 Course Director: Dr Philip Coleman

43. Medieval History (M.Phil.)

43.1 Introduction: The course is intended to introduce graduates with a broadly-based degree in history or a similar discipline to the methods of specialised research on a medieval topic. The course is designed to be complete in itself, but it also provides the training for more advanced research.

43.2 Admission Requirements: Applications are normally accepted only from persons with a good honors degree in history or a cognate subject, such as art history, archaeology, classics (including ancient history), social anthropology, etc.

43.3 Duration: The course lasts for one calendar year from October, and requires full-time study. Candidates are assessed by a combination of course papers and a dissertation.

43.4 Course Structure: The course will consist of the following three elements:
1. Taught courses, amounting to a minimum of four hours a week and extending over three lecture terms, in:
   a) Medieval Latin
   b) Palaeography and Diplomatics
   c) Approaches to Historical Research
   d) Directed Reading in consultation with the dissertation supervisor, which will include the writing of three essays.
   e) Generic Skills Module
2. Participation in a weekly two-hour postgraduate research seminar, including the presentation and defence of two research papers.
3. A dissertation arising out of the selected study area, for which the preparation is to begin in Hilary Term. The dissertation, which must be typed and presented in duplicate, should comprise approximately 20,000 words, and must be admitted by 30th September. Details of the requirements for the format and binding of dissertations will be provided.

43.5 European Credit Transfer System (ECTS):
Medieval Latin 15 ECTS
Palaeography and Diplomatics 15 ECTS
Approaches to Historical Research 5 ECTS
Directed Reading 15 ECTS
Research Seminar 5 ECTS
Dissertation (up to 20,000 words) 30 ECTS
Generic Skills Module 5 ECTS

43.6 Course Co-ordinator: Dr Katharine Simms
44. Medieval Language, Literature and Culture (M.Phil.)

44.1 Introduction: This course is designed for well-qualified graduates in related disciplines who wish to extend their interest in Medieval studies. The course seeks to equip students with the essential technical tools (palaeography, codicology etc.) for interrogating primary Medieval documents, and to further their knowledge of the complexities of Medieval culture. The flexible structure of this interdisciplinary course provides students with considerable freedom in the construction of their degree. By the end of the course, students should have:

1. a broad awareness of some of the more significant issues relating to Medieval culture;
2. a specialised knowledge of three areas of Medieval studies;
3. enhanced linguistic awareness of a language;
4. an ability to understand and analyse a varied range of Medieval documents and texts;
5. an ability to locate, assemble and assess critically a range of scholarly material;
6. an ability to present written research in an appropriate scholarly manner.

44.2 Admission Requirements: To be eligible for admission, students should hold an honors degree, preferably at least an upper second class honors, or its equivalent, in one of the subjects on which the course concentrates.

44.3 Duration: The course lasts for one year from late September until the following September, and requires full-time study.

44.4 Course Structure: The course consists of five modules taught during the Michaelmas and Hilary Terms, and a research project. Three of the five modules are core modules, and these are taught in Michaelmas Term. The remaining two modules are options selected by the student and taught in the Hilary Term*.

1. Michaelmas term: three core courses of varying duration (about 6-8 hours per week)
2. Hilary Term: two options each of about 18 hours duration* (four hours per week)

*Exception: all of the language elements offered in Irish run over the academic year.

The following subjects are offered:

a) core modules: Research Methodology (obligatory), Medieval Thought and Poetics, Medieval Culture and Society, a language: Medieval Latin; elementary Classical Latin; Italian; Old English; Middle English; Middle High German; Old Irish. Each department has its own particular course requirements which must be fulfilled before a student may study a language.

b) options: options will be offered in the following areas: Chaucer; Old English Heroic Poetry; Medieval to Renaissance in English Poetry; “Wild” Women; Medieval Latin Genres; Early Medieval Ireland; Music in Medieval Ireland; Lovesong in Medieval Europe; Medieval Drama; Language and Genre; Varieties of Comedy: Dante, Boccaccio, et alia; Comparative Linguistics from the Celtic Point of View; Early Irish Law; Middle Irish; Medieval Outlaws; Late Medieval French Poetry; the old French ‘récit bref’; Old English Prose – the Assimilation and Exaltation of the Vernacular; Arthurian Heroes; Medieval Perceptions of Islam; Medieval Philosophy; Vergil in the Middle Ages; Text and Image.

The range of options available varies from year to year.

44.5 Assessment procedures: Coursework will be assessed in the following manner:

a) Core courses (25% of total assessment):
   - Research Methodology: a bibliographical essay of up to 3000 words and a three-hour examination in palaeography.
   - Medieval Thought and Poetics: essay of 3,000-5,000 words to be submitted on the first Monday of Hilary Term.
- Medieval Culture and Society: essay of 3,000-5,000 words to be submitted on the first Monday of Hilary Term.
- Language: assessment by examination at the end of Michaelmas Term (10%).

The pass mark for all course elements is 50%. Students will be permitted to pass by compensation if they obtain a marginal fail mark (48%) in one core-course assignment but receive a pass mark in the two other core-course assignments. In the event of a student failing two core-courses, the following will apply:

1) Students who fail in language will be allowed to re-present for an examination at the beginning of Hilary Term.
2) Students who fail in any of the other core-courses will be allowed to revise and re-submit the work within a calendar month of receiving their fail mark.

Failure to meet the required standard even after re-sitting examinations and/or re-submitting work will mean that the student cannot proceed to the dissertation, and shall be deemed to have failed the M.Phil.

b) Options (35% of total assessment):
   For each option, one essay of 5000 words (80%) and one close-analysis exercise of 2000 words (20%). The close-analysis exercise must be submitted by Friday of the sixth week of teaching for the option. For options taken in Hilary Term, the essay must be submitted on the Monday of the fourth week following the end of term.
   Students may not compensate between elements within this assessment category, nor may they compensate between core-course assessment and option assessment.

A 15,000-20,000 word dissertation for examination by internal and external examiners must be submitted by 15th September. This counts for 40% of the total assessment. Candidates must achieve a pass in this aspect of the course and no compensation will be permitted between the research dissertation and in-course assessment.

44.6 European Credit Transfer System (ECTS):
   Three Core Modules at 10 ECTS each = 30 ECTS
   Two Options at 15 ECTS each = 30 ECTS
   Dissertation = 30 ECTS
   Total for course = 90 ECTS

A distinction may be awarded if a candidate has achieved an overall mark of 70%, has passed all elements, and has also been awarded a mark of 70% for the dissertation.

44.7 Course Co-ordinator: Professor Eiléan Ní Chuilleanáin

45. Modern Irish History (M.Phil./P.Grad.Dip.)

45.1 Introduction: The course is intended as an introduction for well-qualified Humanities or Social Sciences graduates to research in Modern Irish History. The emphasis in the M. Phil. in Modern Irish History will be on the study of problems, issues and epochs in a broadly comparative context, rather than treating Irish history as somehow 'exceptional'. As well as taking subject specific modules in various aspects of the political, military, social, economic, religious and cultural history of modern Ireland, students will be exposed to a rigorous research training programme. Drawing on the current interests of the staff, it will be based on the rich resources of Trinity College Dublin's library and of the adjacent Dublin libraries (the National Library of Ireland, the National Archives and Marsh's Library). The course may also serve as an introduction to graduate research for students wishing to go on to pursue a doctorate in Modern Irish History.

45.2 Admission Requirements: Applications are normally accepted only from persons with a first or upper second class degree in an appropriate Arts or social sciences discipline, e.g. history, philosophy, language studies, literature, political science, or European studies.
45.3 *Duration:* The course lasts for one calendar year from the beginning of October, and requires full-time study. Students are expected to attend all taught components of the course.

45.4 *Structure of the Programme:* The course work will consist of four elements
1. Two major modules of study
2. Research Training
3. Dissertation (15,000 – 20,000 words)
4. Research Seminars

   1. Two major modules of study: Will be taught by means of a weekly two-hour seminar. These modules are worth 10 ECTS each. They include:
   a) Kingdom and Colony in sixteenth-century Ireland, 1500-1607
   b) War and Society in early modern Ireland
   c) Big house and hidden Ireland: representation and reality in rural Ireland 1650-1840
   d) Ireland in crisis, 1791-1803
   e) The Famine and Beyond
   f) Emigration and the Irish Overseas
   g) Issues in Anglo-Irish relations, 1920-1973
   h) Violence and Politics in twentieth century Ireland

*The range of modules available varies from year to year*

2. Research Training modules: Core modules (all are compulsory):
   a) Libraries and Archives (5 ECTS)
   b) Approaches to Historical Research (10 ECTS)
   c) Generic Skills (5 ECTS)

Optional modules: The student must complete one of two optional modules in the Michaelmas Term:
   a) Palaeography (10 ECTS)
   b) Encompassing Modern Irish History: Pathways through the Literature (10 ECTS)

3. Dissertation: Students seeking the M.Phil. will be required to submit a dissertation of 15,000-20,000 words based on primary sources (see the handbook for detailed requirements for the dissertation) (30 ECTS).

4. Research Seminars: Attendance at two of the departmental research seminars is required. This is a pass/fail module assessed on the basis of research seminars in Michaelmas, Hilary and Trinity Terms, and preparation of a weekly seminar journal (5 ECTS each).

45.5 *European Credit Transfer System (ECTS):*
   a) Two major modules of study with each module worth 10 ECTS (2 x 10 = 20 ECTS)
   b) Research Training with two modules of 5 ECTS and two of 10 ECTS (5+5+10+10 = 30 ECTS)
   c) Dissertation (up to 15,000 words) worth 30 ECTS
   d) Research Seminars worth 5 ECTS each (5+5=10 ECTS)

The M.Phil. is the equivalent of 90 ECTS and the Postgraduate Diploma the equivalent of 60 ECTS.

45.6 *Assessment:* Candidates are assessed on the completion of: (i) Obligatory course work assignments; and (ii) Dissertation (between 15,000-20,000 words). This will be assessed by the Supervisor and the external examiner.
Students who complete all mandatory requirements including presentations, and who obtain an aggregate mark of 50% or higher, will be permitted to proceed to the dissertation stage for assessment for the award of M.Phil. in Modern Irish History.

Students who complete all mandatory requirements, and who obtain an aggregate mark of 50% or higher, who elect not to proceed to the dissertation stage, will be recommended for the award of the Postgraduate Diploma in Modern Irish History.

Students who complete all mandatory requirements, and who obtain an aggregate mark of between 40% and 49%, will not be permitted to proceed to the dissertation stage but will be recommended for the award of the Postgraduate Diploma in Modern Irish History.

Students who receive a mark of less than 40% in any one assessed module will not be permitted to proceed to the dissertation stage but, subject to securing an aggregate mark of 40% or higher, will be recommended for the award of the Postgraduate Diploma in Modern Irish History.

Any student, who is awarded the Postgraduate Diploma, automatically forfeits progression to the M.Phil. at any later stage.

45.7 Course Co-ordinator: Professor Eunan O’Halpin

46. Music and Media Technologies (P.Grad.Dip./M.Phil.)
(Run jointly with the School of Engineering)

46.1 Introduction: This course provides an exposure to a broad spectrum of music technology related subjects ranging from computer music and multimedia through to audio engineering and production. The primary objective of the course is to encourage creative musical and audio activities through the medium of digital technologies.

46.2 Admission Requirements: This course is open to holders of good honors degrees (preferably, but not necessarily) in music, engineering or science. Candidates holding degrees in disciplines other than music must also have suitable music qualifications which will be assessed at an entrance test. Consideration will also be given to mature students with relevant industrial experience and suitable music qualifications. However, irrespective of entry qualifications, progression to the second (Masters) year of the course requires an upper second class honors standard or higher in the first year examinations.

46.3 Duration: The Postgraduate Diploma course is a full-time course for one academic year; the M.Phil. course is a full-time, two academic year course for those students who attain an appropriate standard (see 20.2 above) in the first year examinations. Students register on the Postgraduate Diploma course in the first instance. Only those students who successfully complete the first year of the course and do not proceed to the second year of studies for the M.Phil. will be awarded the Postgraduate Diploma.

46.4 Course Structure: The courses to be undertaken are structured in two semesters per year (full-time for one academic year for the Postgraduate Diploma course; full-time for two academic years for the M.Phil. programme). The first year of study is common to both programmes.

Postgraduate Diploma Course – Year 1 (60 ECTS)
Semester 1 (30 ECTS)
- Music and Audio Fundamentals and Training (10 ECTS)
- Applications of Technologies in Music, Audio and Image Production (10 ECTS)
- Theoretical Foundations of Music, Audio and Media Technologies (10 ECTS)

Semester 2 (30 ECTS)
- Computer-Aided Composition in Music and Image (10 ECTS)
- Music and Audio Production Technologies (10 ECTS)
- New Media Production Technologies (10 ECTS)
Students are required to complete a Preliminary Research module (5 ECTS) and five modules (5 ECTS each) from the following list:

- Composition for Mixed Media (5 ECTS)
- Electroacoustic Composition (5 ECTS)
- Digital Signal Processing (5 ECTS)
- Advanced MAX/MSP (5 ECTS)
- Music Cognition and Design (5 ECTS)
- Music Theory and Aural Training (5 ECTS) *
- Music and Image (5 ECTS)
- Advanced Audio Production (5 ECTS)
- Multichannel Audio Technologies (5 ECTS)

(* this module is compulsory for students wishing to take the Composition for Mixed Media module in year 2 of the M.Phil. However, students who demonstrate proficiency in this subject may be granted exemption)

Semester 2 (30 ECTS)
Research Project (30 ECTS)
This may be a dissertation, a musical composition or a technological assignment with a significant research component. All elective modules require a minimum number of students and may not be offered if this minimum number is not met. Compulsory and elective modules may vary from year to year according to availability.

Course Director: Dr Fionnuala Conway

47. Musicology and Music Theory (M.Phil.)

47.1 Introduction: The course is designed to provide students with a thorough grounding in two areas, chosen by applicants out of three possible streams: (i) the historical and current practice of musicology; (ii) music theory; (iii) composition. Skills in research methods will be developed through a research methodology module.

47.2 Admission Requirements: Applicants will be required to hold at least an upper second class honors in a music degree. Non-EU applicants will be required to hold an equivalent qualification. Candidates with relevant, and significant, experience in music may be accepted with lower qualifications. Applicants for composition will be required, as part of the application process, to submit a portfolio of work.

47.3 Duration and course structure: The course will run full-time over one academic year, using learning modules as described below. In each of the three streams there are two compulsory modules:

2 & 3 for musicology; 4 & 5 for music theory; 6 & 7 for composition. In addition, all students take the module on research methodologies (1 below), and the elective modules 8 & 9.

The taught component comprises 9 modules, one of which (1 below) is compulsory for all students. Students will select 6 further modules, according to their choice of areas.

1. Research Methodologies (5 ECTS; MT and HT)
2. Historical case studies in 19th- and 20th-century musicology (MT; 10 ECTS; 2-hour lecture/seminar per week)
3. Contemporary theory and practice in musicology (HT; 10 ECTS; 2-hour lecture/seminar per week)
4. Schenkerian Theory (MT; 10 ECTS; 2-hour lecture/seminar per week)
5. Post-tonal Theory (HT; 10 ECTS; 2-hour lecture/seminar per week)
6. Composition 1 (MT; 10 ECTS; 2-hour lecture/seminar per week)
7. Composition 2 (HT; 10 ECTS; 2-hour lecture/seminar per week)
8. Electives (MT; 10 ECTS; 2-hour lecture/seminar per week)
9. Electives (HT; 10 ECTS; 2-hour lecture/seminar per week)

Students will be informed of the list of electives as soon as decisions on admission are reached; and students must present their list of choices not later than 1st of July. The list of electives that will finally be presented will be subject to student demand, staff availability and timetabling; and not more than one elective will normally be offered at any one time. The electives typically include:

a) Opera as a manifestation of national consciousness (1 term; 10 ECTS)
   (Available to all students within the School of Drama, Film and Music)
b) The history of harmonic theory from Rameau to Schoenberg (1 term; 10 ECTS)
c) Elgar, Newman and The Dream of Gerontius (1 Term; 10 ECTS)
d) The art of recording (4 weeks; 5 ECTS)
e) Brahms and the String Sextet (4 weeks; 5 ECTS)
f) Sketch study of twentieth-century music (1 term; 10 ECTS)
g) White mensural notation (4 weeks; 5 ECTS)
h) Brahms’s harmony (4 weeks; 5 ECTS)
i) Poetry of madness: music of control—Britten’s Rejoice in the Lamb. (4 weeks; 5 ECTS)

Instead of either of the elective modules 6 or 7 above, one elective module may be chosen from another of the School’s M. Phils., subject to the availability of places and the agreement of the course directors and/or head of School. These electives typically include:

Performance and Technology 1 (MT; 10 ECTS; M. Phil. in Theatre and Performance)
Performance and Technology 2 (HT; 10 ECTS; M. Phil. in Theatre and Performance)
Intercultural Performance (10 ECTS; M. Phil. in Theatre and Performance)
Theatre and Nationalism 1 (MT, 10 ECTS; M. Phil. in Theatre and Performance)
Theatre and Nationalism 2 (HT, 10 ECTS; M. Phil. in Theatre and Performance)
Post-classical European and American cinemas 1 (MT, 10 ECTS; M. Phil. in Film Theory and History)
Film Theory and History 1 (MT, 10 ECTS; M. Phil. in Film Theory and History)

All students taking musicology and music theory will present a dissertation of approximately 15,000 words and on a research topic agreed between the student and the course director. Students taking composition may present a portfolio of works, plus a report of approximately 7,000 words on their composition.

47.4 Assessment: Candidates shall be assessed throughout the course by:
• Essays and presentations
• A dissertation based on a research project, or a composition portfolio and dissertation.

In order to be awarded the degree of Master of Philosophy in Musicology and Music Theory, candidates must satisfy the court of examiners by passing the four modules that, according to their choice of two streams from musicology, music theory and composition, are the compulsory modules. They must also pass the two elective modules, and obtain a pass in the dissertation/composition portfolio. The taught modules will contribute 60% of the overall assessment mark (6 modules at 10 ECTS each). The research element of the course (including composition portfolio and report) will contribute 40%. (30 ECTS, 5 ECTS of which will be in Research Methodologies) of the overall assessment mark. The pass mark for each module and for the dissertation is 50%. Candidates must obtain a pass mark (50%) in their dissertation/portfolio to be awarded an M.Phil.

Students who fail to satisfy the Court of Examiners in NO MORE THAN TWO modules may be permitted at the discretion of the Court to represent themselves on one occasion only for
supplementary written work. A candidate who fails more than two modules at the first attempt will be required to withdraw from the programme. Where a student is required to take such supplementary work the original mark in the failed module will be replaced by 50% in the case of a successful outcome. Any candidate who fails any piece of supplementary coursework will be required to withdraw from the programme.

47.5 Course Director: Dr. Martin Adams

48. Peace Studies (M.Phil. (Peace Studies)/P.Grad.Dip.)

48.1 Introduction: Peace Studies examines the sources of war and armed conflict and suggests methods of preventing and resolving them through processes of peacemaking and peacebuilding. The programme combines perspectives from international relations, ethics and conflict resolution to reflect critically upon the wide range of social, political and economic issues associated with peace and political violence. The Peace Studies programme is divided into three areas of specialisation: (1) International Politics; (2) Ethics in International Affairs; and (3) Peacebuilding and Development

48.2 Course Structure/Content: Students are required to take 60 ECTS from the taught modules and a 30 ECTS dissertation.

A. Core Module - compulsory:
The Politics of Peace and Conflict (15 ECTS)

B. Students must take at least one module from group B:
The Politics of Development (15 ECTS)
International Politics (15 ECTS)
Ethics in International Affairs (15 ECTS)
Conflict Resolution and Nonviolence (15 ECTS)

C. Optional modules must be taken if necessary to achieve the overall requirement of 60 ECTS:
The United Nations and Peacekeeping (15 ECTS)
Human Rights in Theory and Practice (15 ECTS)
Gender, War and Peace (15 ECTS)
Northern Ireland: Conflict, Religion and the Politics of Peace (15 ECTS)
The Politics of the Idea of Europe (15 ECTS)

The Postgraduate Diploma as an exit qualification is the equivalent to 60 ECTS.

48.3 Module Descriptions:
The Politics of Peace and Conflict
Theories of peace; the ethics of peace and war; culture, conflict and peace; peace building and conflict prevention; the role and effectiveness of peace movements.

The Politics of Development
The evolution of development theory; gender and development; the impact of militarism on developing countries; the debt crisis; sustainable development; development ethics.

International Politics
An overview of the major theoretical approaches to international affairs, and of the critiques advanced against them: the concept of security as the focus of peace research; understanding concrete security problems; the role of non-state actors; global civil society.
Ethics in International Affairs
An analysis of the diverse and intricate nature of ethical conflicts as they arise in the international context; historical injustices and the ethics of restitution; atrocities and the ethics of accountability; the ethics of humanitarian intervention; just war reasoning and the ‘war on terror’; globalisation and the ethical imperative; media ethics.

Conflict Resolution and Nonviolence
Theories of nonviolence; nonviolence and political action; official and unofficial mediation processes; culture and conflict resolution.

Northern Ireland: Conflict, Religion and the Politics of Peace
Critically examines the history of economic and cultural division; the churches’ political and cultural roles; Anglo-Irish relations since 1969 and the shifting prospects for a politics of peace. A week-long field trip to Northern Ireland is organised in support of this module and there will be an additional cost.

The United Nations and Peacekeeping
The evolution of the UN organisation and institutions; specialised agencies and functions; the role of UN peacekeeping in international conflict.

Human Rights in Theory and Practice
The theoretical and practical contexts in which the discourse and politics of human rights is situated; the relationship between democracy and human rights; the significance of national sovereignty; the development of international human rights law; an examination of human rights atrocities, the culture of impunity in which they seem to flourish and the recent initiatives designed to construct a system of accountability.

Gender, War and Peace
The module begins with foundational lectures on the concepts of gender and sex and related debates on biology and social construction. The module then focuses on the analysis of war, militaries and violence, peace and peacebuilding through gendered lenses.

The Politics of the Idea of Europe
World War II; peace project; integration and international relations theory; EU policy-making; EU and conflict resolution.

Mediation Summer School
There is a one-week Mediation Summer School that provides an opportunity to develop practical skills in the area of conflict resolution and mediation.

Modules in Ecumenics and in Reconciliation Studies are open to students on the Peace Studies programme. Students seeking to be assessed for their work on a module in either of the two other programmes must first secure the permission of the relevant course coordinators.

48.4 Duration: Teaching takes places in Dublin over two twelve week semesters, September to December and January to April.

48.5 Assessment: Each module requires a 5,000-6,000 word essay which is to be submitted according to the internal deadlines distributed at the beginning of each academic year, with final submission date by 1st May. The 30 ECTS dissertation is 18,000-20,000 words long, and is to be submitted by 1 August. Students must achieve a mark of at least 50% in two module assessments, and at least 40% in the other two in order to proceed to dissertation, and must receive a mark of at least 40% in the dissertation to be eligible for the degree of M.Phil. Those who achieve at least 40% on all four module assessments, but do not achieve 50% on at least two, may at the discretion of the Court of Examiners be recommended for the award of a Postgraduate Diploma in Peace Studies without further assessment.
Students can be awarded the M.Phil. with Distinction if they achieve a mark of Distinction (70%+) on their dissertation together with a mark of Distinction (70%+) on two module assessments and a mark of at least 60% on two other module assessments. A student who does not wish to submit a dissertation and be considered for the degree of M.Phil. may instead opt to be considered for a Postgraduate Diploma in Peace Studies by notifying the programme co-ordinator in writing before 1st April. Such students are required to submit module assessments by 1st May, and to achieve a mark of at least 40% on each. Any student, who is awarded the Postgraduate Diploma, automatically forfeits progression to the M.Phil. at a later stage.

48.6 **Admission Requirements:** Applicants should normally have a second class honors degree or above. Students not meeting these criteria may exceptionally be considered at the discretion of the Dean of Graduate Studies. For further information please contact the Secretary, Peace Studies Programme, Irish School of Ecumenics (Trinity College Dublin), Bea House, Milltown Park, Dublin 6, Ireland.

48.7 **Course Co-ordinator:** Dr Iain Atack

49. **Popular Literature (M.Phil.)**

49.1 **Introduction:** This course offers an opportunity for the advanced study of popular literature and its place within modern culture. It will trace the history of such genres as horror, science fiction, romance and detective fiction, and offer a comprehensive introduction to contemporary theories of the popular. Participants will also choose from a range of option modules on particular aspects of the popular, and study research methods. This M.Phil. will provide an invaluable base for those who wish to do further graduate study, but will also appeal to those who wish to develop their critical skills and knowledge in relation to an important aspect of contemporary culture.

49.2 **Admission requirements:** Applicants should have a good honors degree (preferably an upper second class or above) or an equivalent qualification.

49.3 **Duration:** The course lasts for one calendar year from the end of September and requires full-time study.

49.4 **Course Structure:** The course will comprise four elements: (1) a core module meeting twice a week for two hours over two terms; (2) option modules meeting once a week for two hours – participants will take one per term; (3) the research methods module; (4) dissertation.

Options available in 2009-2010 will include the following: The Victorian Child, Cyberculture / Popular Culture, The American Nightmare, Twentieth-century British Horror.

49.5 **European Credit Transfer System (ECTS):** The total ECTS for the course is 90:

- Two core modules at 15 ECTS each = 30 ECTS
- Two option modules at 15 ECTS each = 30 ECTS
- Research Methods module = 5 ECTS
- Dissertation = 25 ECTS

49.6 **Assessment:** Assessment will be by a combination of coursework and dissertation. These will be broken down as follows:

- Dissertation (40%): 15,000 words, to be supervised by an appropriate member of staff.
- Core Course (30%): 2 essays of 5,000 words
- Options (30%): 2 essays of 5,000 words.

49.7 **Distinction:** A M.Phil. with Distinction may be awarded to students who achieve a distinction in the dissertation by a mark of 70% or higher, having satisfactorily completed all
49.8 Course Co-ordinator: Dr Bernice Murphy

50. Psychoanalytic Studies (M.Phil./P.Grad.Dip.)

50.1 Introduction: The course is intended as an introduction for well-qualified graduates to the history and theory of psychoanalysis.

50.2 Admission Requirements: Applications are normally accepted only from persons with a first or upper second class degree in an appropriate arts, social science or science subject.

50.3 Duration: The course lasts for one calendar year from October, and requires full-time study. Candidates are assessed by a combination of course papers and a dissertation.

50.4 Course Structure: Students take six compulsory courses, equivalent to 10 ECTS each, together with a dissertation (30 ECTS). The taught component covers areas such as the Freudian discovery, application in anthropology, psychoanalysis and literature, advanced developments of the Freudian discovery, Lacan and post-Lacan, and psychoanalysis and film. The dissertation (approximately 14,000 words), arising out of the subjects studied, must be submitted by 1 September.

50.5 Assessment: Candidates are assessed by a combination of course papers and a dissertation. Students are required to attend the weekly seminars and lectures and to write two satisfactory seminar essays, which are assessed by the internal examiners. For the candidate to proceed to the dissertation this assessment must be positive. In cases where course-work is satisfactory but the dissertation is either not presented or is not of M.Phil. standard, a Postgraduate Diploma may be awarded. Students who elect to be awarded the Postgraduate Diploma may not subsequently submit for the M.Phil. The M.Phil. degree will be awarded on the basis of the dissertation.

50.6 Course Co-ordinator: Mr Ross Skelton

51. Reconciliation Studies (M.Phil./P.Grad.Dip.)

51.1 Introduction: This Belfast based degree is an innovative cross-border programme which takes an inter-disciplinary approach to the challenges of social reconciliation in the aftermath of armed conflict. Particular attention is given to ethnic conflicts and the role of religion in such conflicts. Modules allow specialisation in the fields of politics, social research, theology and religions.

51.2 Course Structure/Content: Students are required to take 60 ECTS from the taught modules and a 30 ECTS dissertation. The taught modules are:

1. Core Modules:
a. Dynamics of Reconciliation (15 ECTS)
b. Reconciliation in Northern Ireland (15 ECTS)

2. Methodology Modules:
a. Social Research Methods (15 ECTS)
b. Theology of Reconciliation (15 ECTS)

3. Optional Modules:
a. Conflict Transformation (15 ECTS)
b. Post-Conflict Justice and Truth Commissions (15 ECTS)
c. Conflict and Collective Identity (15 ECTS)

Students are required to take both core modules and at least one of the methodology modules.

Students have the option to participate in a week-long Spring School in Dublin, which varies in content from year to year, and for which there will be an additional cost.

The Postgraduate Diploma as an exit qualification is the equivalent to 60 ECTS.

51.3 Module Descriptions:

1.a Dynamics of Reconciliation
An introduction to the issues in political reconciliation that commonly arise in different conflicts – including truth-seeking, justice, apology and forgiveness – and their significance in the restoration of more positive social relationships.

1.b Reconciliation in Northern Ireland
The conflict in Northern Ireland and the ongoing challenges of reconciliation that arise from it are an important element in the programme. This module explores the historical complexities of political identity, national allegiance and religious loyalty and the sectarian legacies they have left in ‘post-conflict’ society.

2.a Social Research Methods
This module provides an introduction to social research methods with special reference to issues and challenges involved in researching violently conflicted and post-conflict societies. Areas covered include disciplinary approaches to social research, approaching the literature, formulating hypotheses, research ethics, qualitative and quantitative methods and feminist approaches.

2.b Theology of Reconciliation
This module addresses the challenges reconciliation raises for Christian theology and the distinctive contribution that theology can make to discussions of reconciliation, including theological perspectives on forgiveness, sacrifice, redemption, memory and hope.

3.a Conflict Transformation
Transforming the dynamics which lead to destructive conflict involves more than simply resolving issues, it requires changed relationships between protagonists. This module introduces the theory of Conflict Transformation practice, in particular: consideration of the role of Conflict Transformation practitioners; an overview of the historical development of the Conflict Transformation field, and key theories of ‘transformative’ approaches to conflict.

3.b Transitional Justice and Truth Commissions
After violent conflict, both individuals and communities require healing. This module has a focus on truth recovery, reconciliation, and reconstruction initiatives, for example in Latin America, South Africa and Northern Ireland.

3.c Conflict and Collective Identity
Recent years have demonstrated the resilience of ethnic, national, and religious identities, too often in the context of conflict. This module examines the relationship between ethnicity, nationality, and religion; how communal identity is formed and how it can lead to conflict; and resources for peace within such groups.

Modules in Ecumenics and in Peace Studies are open to students on the Reconciliation Studies programme. Students seeking to be assessed for their work on a module in either of the two other programmes must first secure the permission of the relevant course coordinators.
51.4 **Duration**: Taught M.Phil. - one year (12 months), full-time; two years (24 months), part-time. After orientation in Dublin at the start of the course, teaching takes place in Belfast over two twelve week semesters, September to December and January to April and ends with a week-long Spring School back in Dublin. For the remainder of the programme, including the Summer dissertation period (April – August) students may be based in either Belfast or Dublin depending on their research interests.

51.5 **Assessment**: Each module requires a 5,000-6,000 word essay which is to be submitted according to the internal deadlines distributed at the beginning of each academic year, with final submission date by 1st May. The 30 ECTS dissertation is 18,000-20,000 words long, and is to be submitted by 1 August. Students must achieve a mark of at least 50% in two module assessments, and at least 40% in the other two in order to proceed to dissertation, and must receive a mark of at least 40% in the dissertation to be eligible for the degree of M.Phil. Those who achieve at least 40% on all four module assessments, but do not achieve 50% on at least two, may at the discretion of the Court of Examiners be recommended for the award of a Postgraduate Diploma in Reconciliation Studies without further assessment. Students can be awarded the M.Phil. with Distinction if they achieve a mark of Distinction (70%+) on their dissertation together with a mark of Distinction (70%+) on two module assessments and a mark of at least 60% on two other module assessments. A student who does not wish to submit a dissertation and be considered for the degree of M.Phil. may instead opt to be considered for a Postgraduate Diploma in Reconciliation Studies by notifying the programme co-ordinator in writing before 1st April. Such students are required to submit module assessments by 1st May, and to achieve a mark of at least 40% on each. Any student, who is awarded the Postgraduate Diploma, automatically forfeits progression to the M.Phil. at a later stage.

51.6 **Admission Requirements**: Applicants should normally have a second class honors degree or above. Students not meeting these criteria may exceptionally be considered at the discretion of the Dean of Graduate Studies. For further information please contact: the Secretary, Reconciliation Studies Programme, Irish School of Ecumenics, (Trinity College), 683 Antrim Road, Belfast BT15 4EG, Northern Ireland.

51.7 **Course Co-ordinator**: Dr Gladys Ganiel

52. **Reformation and Enlightenment Studies (M.Phil./P.Grad.Dip.)**

52.1 **Introduction**: The M.Phil. in Reformation and Enlightenment Studies offers well-qualified graduates in History, the Humanities and the Social Sciences an introduction to research in the political, social, cultural and religious history of Ireland, Britain and continental Europe across the Early Modern period. The course is designed to introduce students to a wide range of issues in, and approaches to, Early Modern History while also providing students with a rigorous training in research methods and relevant skills. The programme is built around Trinity College Library’s unparalleled research resources for the period from the Reformation to the French Revolution and reflects the full range of research currently being undertaken in Early Modern history within the Department of History. The course may also serve as an introduction to graduate study for students intending to pursue doctoral studies in Early Modern History.

52.2 **Admission Requirements**: Applications are normally accepted only from persons with a first or upper second class degree in an appropriate Humanities or Social Science discipline, e.g. History, Language studies, Literature, Philosophy or European Studies.

52.3 **Duration**: The course is offered on a one-year, full-time basis, starting in September. Students are expected to attend all taught modules of the course.
Course Structure: The course-work consists of four elements:

1. Two major modules of study. Students are required to take one term long major module in both Michaelmas and Hilary terms. These modules are worth 10 ECTS each and are taught by means of weekly two-hour seminars and include:
   a) Religious Tolerance and Intolerance in Early Modern Europe
   b) War and Society in Early Modern Europe
   c) Calvinism in the English-speaking world, 1600-1700
   d) The History of the Book
   e) The *philosophes* and the public in Enlightenment France

   * The range of available modules varies from year to year.

2. From Reform to Revolution: Cultural Change and Political Conflict in Early Modern Europe. This core module in discipline-specific research themes runs throughout the year. It is worth 10 ECTS.

3. Research Training and Skills Modules:
   i. Compulsory Modules
      a) Approaches to Historical Research. 10 ECTS.
      b) Libraries and Archives. 5 ECTS.
      c) Generic Skills. 5 ECTS.

   ii. Optional Modules: Students must take one of the following optional modules. Each of these modules is equivalent to 10 ECTS.
      a) Palaeography
      b) Latin

4. Dissertation: Students seeking the M.Phil. are required to submit a dissertation of 15,000-20,000 words based on primary sources by 30 September. The dissertation is valued at 30 ECTS.

Assessment: M.Phil. Candidates are assessed on completion of: (i) obligatory assignments and (ii) a dissertation. This will be assessed by the Supervisor and the external examiner.

   Students who complete all mandatory requirements including presentations and who obtain an aggregate mark of 50% or higher, will be permitted to proceed to the dissertation stage for assessment for the award of the M.Phil. in Reformation and Enlightenment Studies.

   Students who complete all requisite requirements and who obtain an aggregate mark of 50% or higher, who elect not to proceed to the dissertation stage, will be recommended for the award of the Postgraduate Diploma in Reformation and Enlightenment Studies.

   Students who receive a mark of less than 40% in any one assessed module will not be permitted to proceed to the dissertation stage but will be recommended for the award of the Postgraduate Diploma in Reformation and Enlightenment Studies.

   Students who receive a mark of less than 40% in any one assessed module will not be permitted to proceed to the dissertation stage but will be recommended for the award of the Postgraduate Diploma in Reformation and Enlightenment Studies.

Any student, who is awarded the Postgraduate Diploma, automatically forfeits progression to the M.Phil. at any later stage.

European Credit Transfer System (ECTS): The M.Phil. is the equivalent of 90 ECTS and the Postgraduate Diploma is the equivalent of 60 ECTS.

Course Co-ordinator: Dr Graeme Murdock
53.1 **Introduction:** The M.Phil. in Social Work Research is offered by the School of Social Work and Social Policy. It is designed for social science graduates who are also professionally qualified social workers, and who seek Masters level research training in social work. The programme will build on students' academic and professional experience and develop their capacity to understand, undertake and commission applied social research in areas of current social work concern.

53.2 **Admission Requirements:** Candidates must have:
   1. a good honors degree in the social sciences
   2. a social work qualification - National Qualification in Social Work or equivalent
   3. a minimum of one year's employment in a qualified social worker post.

   There is an intake of 10-12 students each year, with a minimum intake of 8 students, and maximum of 13 students. Selection will be based on (i) Entry Requirements and (ii) Outline Research Proposal. Candidates may be interviewed.

53.3 **Duration:** The programme will run over two academic years, part-time.

53.4 **Course Structure:** The M.Phil. is intended for graduates who have completed foundation social research, social policy and social work courses on social work qualifying programmes. There are courses in social work research approaches, design and methods, organisational analysis, information technology and social work theory. There are a number of assignments including a 20,000 word dissertation, all of which must be passed for the award of the degree. The dissertation is to be submitted in early June in year 2.

53.5 **Acting Course Co-ordinator:** Professor Robbie Gilligan

54.1 **Introduction:** This course, which shares elements in common with the M.Phil. programmes in Applied Linguistics, English Language Teaching, and English Language teaching, is offered by the School of Linguistic, Speech and Communication Sciences.

54.2 **Aims:** The aims of the course are:
   1. to provide students with a thorough understanding of the central concepts and analytic techniques employed in speech science and language processing;
   2. to proceed from this basis to more advanced study of current theoretical issues in speech science and language processing;
   3. via the dissertation component, to introduce students to research in either speech science or language processing.

54.3 **Admission Requirements:** Applicants are normally required to possess a good primary degree or equivalent qualification in subjects such as engineering, computer science, physics, mathematics, linguistics, psychology or related disciplines.

54.4 **Duration:** The course is taken full-time in one calendar year (October to September) or part time in two calendar years. Only the part-time option is available to students who require to remain in employment while taking the course.

54.5 **Structure:** The course consists of six taught course modules, together with a research methodology course and a dissertation. The taught course modules are made up of four mandatory core courses and two elective option courses.

54.6 **Core courses:** The core courses are:
133

a) Formal foundations of linguistic theories
b) Computational theories of grammar and meaning
c) Laboratory phonetics and phonology
d) Speech processing 1: spectral analysis

54.7 **Elective courses:** The elective courses include:

a) Advanced syntactic theory
b) Speech production, hearing and perception
c) Speech processing 2: acoustic modelling
d) Corpus linguistics
e) Bilingualism and the maintenance of Irish
f) History and globalisation of English
g) Technology, language and communication
h) The English sound system

Not all options may be available in any one year, depending on staff availability and timetabling. Other options may be introduced by the Course Committee at a later date.

54.8 **European Credit Transfer System (ECTS):** The M.Phil. is the equivalent of 90 ECTS:

<table>
<thead>
<tr>
<th>Course Modules</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Six course modules at 10 ECTS</td>
<td>= 60 ECTS</td>
</tr>
<tr>
<td>Dissertation at 30 ECTS</td>
<td>= 30 ECTS</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>= 90 ECTS</td>
</tr>
</tbody>
</table>

The Postgraduate Diploma is the equivalent of 60 ECTS.

54.9 **Dissertation:** As well as following the above programme of study, students write a dissertation of not more than 15,000 words on a topic in computational linguistics, experimental phonetics and phonology, speech science, or another approved area in speech and language processing. The grounds on which the court of examiners may debar students from writing and submitting a dissertation are set out in the course handbook.

54.10 **Assessment:** Students are assessed on the basis of their performance in (i) six assignments of approximately 3,000-4,000 words each related to the course modules of the course and (ii) their dissertation. Assignments must be submitted not later than the first Monday of the term following the term in which they are set; dissertations must be submitted not later than 30th September in the year in which the course is completed. Students whose dissertation fails to satisfy the examiners may, on the recommendation of the court of examiners and on payment of the prescribed fee, be allowed to register for a further year and revise their dissertation. Students who for personal reasons decide not to write a dissertation, or who are debarred from doing so by the court of examiners, will be awarded a Postgraduate Diploma in Speech and Language Processing, provided that they satisfy the examiners in respect of their course-work. Any student, who is awarded the Postgraduate Diploma, automatically forfeits progression to the M.Phil. at any later stage.

54.11 **Course Co-ordinator:** Dr Jeffrey Kallen

55. **Textual and Visual Studies: Twentieth and Twenty-First Centuries (M.Phil.)**

55.1 **Introduction:** This programme explores the complex relationship between textual and visual forms of apprehension and expression in the modern world and their impact on European culture post-1900. The focus of the two core modules will be on the graphic arts (poster, postage stamp, typography), photography, cinema, and contemporary digital-based media. Various theoretical approaches will be explored in relation to the word/image problematic as manifested in a number of European cultural traditions. Optional modules will focus on specific media (photography, cinema) or themes (the city, avant-gardes, national identity). The aim of the course will be to bring students to a high level of theoretical and practical awareness of the text-image relation in cultural expression, to equip them to analyse and evaluate the various forms text/image interaction takes, and to provide them

133
with a training that will enrich their practice in other areas of study or professional engagement.

55.2 Admission Requirements: Open to students with a BA (II 1 grade or above) in any area of the arts and humanities or an equivalent qualification in a relevant area. Applicants should normally have a reading knowledge of at least one language other than English from among those offered by the School of Languages, Literatures and Cultural Studies at Trinity College Dublin. A reading knowledge of French would be desirable.

55.3 Duration: The course is taken full-time in one calendar year, starting in September of each year. Teaching takes place over two semesters, followed by a five-month dissertation-writing period.

55.4 Programme Structure: The programme consists of a two-module core component taken by all students, together with four options from the range offered in a given year, and a dissertation of 15,000 to 20,000 words on a subject approved by the Programme Co-ordinator.

55.5 Assessment: Student performance in each module is assessed by coursework. All students are additionally assessed by dissertation. In order to pass at programme level, students must obtain an overall pass in the two core modules, an overall pass in their four options, and a pass in the dissertation. The pass mark for all elements is 40%. The core modules carry 20% of the total mark, each option carries 10%, and the dissertation carries 40%.

55.6 ECTS: The total ECTS for the programme is 90:
- 2 core modules at 10 ECTS each = 20 ECTS
- 4 optional modules at 10 ECTS each = 40 ECTS
- Dissertation at 30 ECTS = 30 ECTS
Total = 90 ECTS

55.7 Course Co-ordinator: Professor Johnnie Gratton

56. Theatre and Performance (M.Phil.)

56.1 Introduction: The course offers a study of contemporary strategies of analysis in theatre and performance, with special consideration of the texts and practices of Irish theatre, involving input from the professional field. The course offers a range of elective courses leading to a directed research project.

56.2 Admission Requirements: Candidates should have a good honors degree of upper second class, or above, or equivalent qualification.

56.3 Duration: The course lasts for one academic year from the beginning of October until the beginning of the following September and requires full-time study.

56.4 Course Structure: the course consists of two core courses, one elective course, and a dissertation:
1. Contemporary Irish Theatre in Context: An exploration of the theatre practice of contemporary Irish and visiting theatres, and the institutional frameworks which shape the production or reception of contemporary Irish theatre. Invited speakers will discuss their work with students, supplemented by sessions focusing on contextual or background information (MT/HT: 10 ECTS each term).
2. Research Methodologies & Strategies of Analysis: An exploration of the research methodologies at M.Phil. level, as well as the methodologies of
critical enquiry in theatre and performance. In terms of research methodologies the seminar covers library use, archival skills, electronic resources, research skills, note taking, writing and presentation techniques. In terms of methodologies of analysis the seminar covers areas of Gender, Race and Identity, Nationalism and Postcolonialism, Performance Analysis, History and Historiography, Globalisation, Psychoanalysis, Poststructuralism, Phenomenology and Postmodernism (MT/HT: 10 ECTS each term).

3. Elective Courses (students will choose one of the following courses that will be offered according to staff availability): Applied Theatre, Orientalism and Performance, Intercultural Performance, Playwriting, Performance and Technology, The Comic Body, Theatre and Nationalism. In addition, students may take one module from the menu of elective courses available on other School of Drama, Film and Music M.Phil. programmes. These may include (depending on the availability of staff and module places, and the agreement of course directors and/or head of school): Theatre and Ireland, Irish Music, Cinema and Ireland, Contemporary Irish Cinema, Documentary, World Cinema, Opera (10 ECTS).

56.5 Assessment: There are three elements to the assessment:

1. Essays and/or oral presentations for the core courses
2. Examination of the elective course by essay, oral presentation, practical presentation, critically reflective journal, play-script and writing exercises, according to the requirements of each course
3. A dissertation of approximately 15,000 words

Weighting: Assessments for the three courses are weighted equally at 20% each (total 60%), and the dissertation is weighted at 40%. Dissertation – 30 ECTS.

56.6 Course Co-ordinator: Dr Melissa Sihra and Dr Eric Weitz.
Postgraduate Diplomas

Some Masters courses have the option of a Postgraduate Diploma in cases where the taught course has been satisfactorily completed but a dissertation has not been submitted. Such P.Grad.Dip. courses are not detailed below as they are not open to entry as separate options from their parent Masters course i.e. students apply for entry to the appropriate Masters course.

57. Applied Behaviour Analysis (P.Grad.Dip.)

57.1 Introduction: The Diploma in Applied Behaviour Analysis (Psychology) is a part-time postgraduate course open to those with an honors undergraduate degree in Psychology or related human service field, (i.e., education, social work, speech and language, nursing, etc.) The course provides theoretical, ethical, and practical training in ABA. The aim of this course is to ensure that students become knowledgeable in the practical application of the principles of behaviour analysis with particular regard to persons with autism and other developmental disabilities, children and adolescents in care or special programmes, and/or those students presenting with learning and/or behavioural challenges. The course is designed to accommodate practitioners; therefore classes are conducted outside of normal working hours (normally Friday evenings and Saturdays).

The objective of the course is to establish and develop the student’s academic competence and professional knowledge in the application of behaviour analysis to various populations in a variety of settings. This is achieved through a combination of academic and experiential components in conjunction with supervised professional practice. The course covers the primary and essential methodologies and tactics within the field and draws from the expertise of the range of senior-level behaviour analysts practicing within and outside of Ireland. This allows students to develop a sound and broad foundation of behaviour analytic practice that is grounded in empirical research. Graduates of this course are skilled, at least to minimum level, to enter and engage in the ethical practice of ABA which includes conducting functional behavioural assessments, designing and implementing behaviour support plans and skills acquisition programmes.

The course has approved course sequence status from the Behaviour Analyst Certification Board®, an international body that sets standards for training in Behaviour Analysis. This course provides a route for securing Assistant level certification status (see www.bacb.com for certification information). Students are not, however, required to take the BACB certification exam as part of the Diploma course requirements. This course also offers 12 continuing professional development credits for graduate members of the Psychological Society of Ireland.

Students on the course are required to work or volunteer in a placement that allows them to engage in behaviour analytic practice for at least 20 hours per week. Acceptable placements include, but are not limited to, ABA schools, national schools, the HSE, or other human service settings. Students are required to secure placement prior to applying to the course. All fieldwork must be supervised by a course approved Board Certified Behaviour Analyst (BCBA). Please note that supervision costs are separate and are not included with the tuition. In addition, students must secure and maintain membership in a relevant professional organisation, e.g. the Psychological Society of Ireland or Applied Behaviour Analysis International, and must carry student or professional liability insurance throughout the duration of the course.

57.2 Duration: The Postgraduate Diploma in ABA is one calendar year, part-time. This is an intensive course. Classes begin in late September and end in June. Classes are normally held every other Saturday and one Friday evening per month. Students must also engage in supervised field practice that continues throughout the year.
57.3 **Modules:** There are 7 required modules comprising the Postgraduate Diploma in Applied Behaviour Analysis course. The course is equivalent to 60 ECTS.

<table>
<thead>
<tr>
<th>Module Title</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Definitions, Characteristics &amp; Basic Principles</td>
<td>10</td>
</tr>
<tr>
<td>2 Ethics in ABA</td>
<td>5</td>
</tr>
<tr>
<td>3 Selection, Defining and Measuring Behaviour</td>
<td>10</td>
</tr>
<tr>
<td>4 Behavioural Assessment</td>
<td>5</td>
</tr>
<tr>
<td>5 Behavioural Intervention, Measurement and Evaluation I</td>
<td>10</td>
</tr>
<tr>
<td>6 Behavioural Intervention, Measurement and Evaluation II</td>
<td>10</td>
</tr>
<tr>
<td>7 Supervised Practice</td>
<td>10</td>
</tr>
</tbody>
</table>

57.4 **Assessment:** Students are assessed through a variety of methods which include (a) in-class tests and a cumulative final exam, (b) a comprehensive case work project which includes practical and written work, (c) journal summaries and a literature review, (d) oral presentations, and (e) mid-term and end of the year supervised placement evaluation. Students also receive continuous feedback through their regular supervision sessions and participation in class activities. Those candidates who perform at a satisfactory level in all components of the course, (i.e. practical application skills, academic assignments, and meet attendance and other requirements as specified in the course handbook), will be eligible for the award of Postgraduate Diploma in Applied Behaviour Analysis.

One resubmission or re-sit will be offered at an agreed date for a failed piece of assessment and failure on more than three assessment components at the first attempt, or a second fail on the same component, will result in a student being excluded from the course.

57.5 **Course Director:** Dr. Kristen Maglieri

58. **Applied Linguistics (M.Phil./P.Grad.Dip.)**

Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Phil. See Entry 25 above.

59. **Child Protection and Welfare (P.Grad.Dip./M.Sc.)**

59.1 **Introduction:** The programme is run on an in-service basis over one academic year, entailing attendance at an induction course and nine block weeks in college, and the completion of course related assignments in the workplace. The multi-disciplinary intake comprises experienced and senior personnel from a range of relevant disciplines, e.g. social work, public health nursing, special education, child care, public health medicine, psychology, Garda Siochana, law and youth work. The course is designed to strengthen the capacity of the health social service, education and criminal justice systems to respond to the needs of abused and vulnerable children and their families. It is organised in close collaboration with the Department of Health and Children and the ten health boards.

59.2 **Admission Requirements:** Admission to the programme is based on a competitive selection procedure. Applicants must:

1. hold a good primary degree or equivalent
2. be professionally qualified in their discipline and have at least three years professional experience
3. carry day to day responsibilities in the management and/or delivery of child protection and welfare services
All applicants meeting these requirements are interviewed. Further information regarding applications is available from the Postgraduate Diploma Programme Co-ordinator. There is separate entry to the Masters course. For details see Entry 13 above.

59.3 Course Content: The course consists of College-based lectures, seminar, workshops and tutorials, and work-related assignments, including three essays and a project (5,000-7,000 words).

The P.Grad.Dip. is worth 60 ECTS and consists of the following modules:
1. Child Protection Perspectives and Practices 10 ECTS
2. Interventions with Children and Families 10 ECTS
3. Law 5 ECTS
4. Contemporary Issues 10 ECTS
5. Child Development 5 ECTS
6. Research Methods 20 ECTS

59.4 Course Co-ordinator: Dr Helen Buckley

60. Classics (M.Phil./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Phil. See Entry 26 above.

61. Clinical Speech and Language Studies (Dysphagia) (P.Grad.Dip.)

61.1 Introduction: This one year part-time course offers speech and language therapists an opportunity to develop specialist skills in all aspects of dysphagia (swallowing disorders) in both adult and paediatric populations. Classes are timetabled to facilitate speech and language therapists in employment.

61.2 Course Structure: Students registering for the Postgraduate Diploma will attend each of the six intensively taught 5 day modules in dysphagia, incorporating disability issues, counselling, therapy processes, medico-legal issues and ethics. There will be a strong emphasis on evidence-based practice throughout the modules. Students must complete an additional introductory week in dysphagia. Exemptions may be made for students who have already completed a recognized introductory course in dysphagia. Students must undertake to arrange and participate in supervised practical work in dysphagia (with experienced supervisors to be recognised by the school).

61.3 Admission Requirements: Eligible candidates should hold at least an honors degree in Clinical Speech and Language Studies or an equivalent, recognized qualification in Speech and Language Therapy.

61.4 Assessment: Students registering for the Postgraduate Diploma in Clinical Speech and Language Studies (Dysphagia) must pass each of the required assignments on the course.

61.5 European Credit Transfer System (ECTS): The Postgraduate Diploma is the equivalent of 60 ECTS: Six core modules at 5 ECTS (30 ECTS) and the specialist module in Dysphagia at 30 ECTS.

<table>
<thead>
<tr>
<th>Course</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Methodology</td>
<td>5</td>
</tr>
<tr>
<td>Evidence based Practice</td>
<td>5</td>
</tr>
<tr>
<td>Analysis of Talk in Interaction</td>
<td>5</td>
</tr>
<tr>
<td>Counselling</td>
<td>5</td>
</tr>
<tr>
<td>Ethics</td>
<td>5</td>
</tr>
<tr>
<td>Disability and Society</td>
<td>5</td>
</tr>
</tbody>
</table>
61.6 **Progression:** Students who are successfully complete the Postgraduate Diploma in Clinical Speech and Language Studies (Dysphagia) may progress to the second year of the M.Sc. in Clinical Speech and Language Studies (Dysphagia strand) by forfeiting the qualification of Postgraduate Diploma in Clinical Speech and Language Studies (Dysphagia). However, they must first have completed course assignments satisfactorily and have notified the Course Co-ordinators in writing of their request to transfer by February 1st.

61.7 **Course Co-ordinators:** Dr Margaret Walshe and Ms Margaret Leahy

62. **Clinical Supervision (Psychology) (P.Grad.Dip.)**

62.1 **Introduction:** This professional training course is a one-year, part-time specialised qualification. It is aimed at practising psychologists, mental health professionals and psychotherapists/counsellors who wish to further their professional development and train as Supervisors.

62.2 **Course Duration:** The course is part-time over the academic year with days and times to facilitate participants who are working full-time. The course is scheduled on Saturdays (max two per month) and occasional Friday afternoons (max five per year). Dates and times are detailed in the Course Handbook. In total, it provides for 60 ECTS comprising of lectures, workshops, presentations, group supervision, tutorials, skills practice, assignments and study.

62.3 **Admission Requirements:**
- Primary degree in Psychology or a related field, e.g. social work etc.
- Postgraduate training in psychology (counselling, clinical, educational, organisational, health etc.) or psychotherapy / counselling as documented by the Psychological Society of Ireland, the Irish Association for Counselling and Psychotherapy, the Irish Council for Psychotherapy or professional equivalent
- Have access to a supervisee base for supervision practice
- Fully completed Online Application ([www.pac.ie/tcd](http://www.pac.ie/tcd)) to include Curriculum Vitae, two letters of reference – one of which needs to be from a clinical supervisor, evidence of qualifications and EU status, transcripts etc. Individual Interview with the Course Selection Committee.

62.4 **Course Structure:** The course will be scheduled on a part-time basis over the course of an academic year and commences in October. There is a further requirement of 60 hours of professional practice and 12 hours off-site clinical supervision for this practice. These costs are additional to course tuition fees and the responsibility of the student. Competence is developed through a combination of lectures, workshops, discussions, clinical supervision, peer group supervision, written assignments and professional practice.

62.5 **Course Syllabus – Six Modules:** The main areas which have informed the development of this programme include supervision theory, reflective practice, supervisee development, assessment and evaluation, professional responsibility, management and administration:
- Module 1 – Theory, process and skills of clinical supervision (15 ECTS)
- Module 2 – Clinical supervision relationship, roles and tasks (5 ECTS)
- Module 3 – Clinical supervision and contexts (10 ECTS)
- Module 4 – Clinical supervision – legal and ethical issues (5 ECTS)
- Module 5 – Peer and group supervision (10 ECTS)
- Module 6 – Professional practice (15 ECTS)
Assessment: There is continuous assessment of both practical and theoretical work throughout the course. A combination of written and practical assignments is used which includes two feedback reports from the course approved supervisor of professional practice, written papers, an audio/visual case study and a group presentation. Due dates for various assignments are per the Course Handbook.

Suitability for Training: The role of the Clinical Supervisor holds a gate keeping function in their relevant professions and as such, students must conform to the highest ethical and best practice standards. This role ultimately functions to protect the welfare of the client, the supervisee and the public. Consequently, students are expected and required to conform to the code of ethics and conduct of their relevant professional bodies, in addition to University requirements.

Unsuitability for training constitutes sufficient grounds for exclusion of a student from the course. Unsuitability for training includes a breach of the student’s Code of Ethics and/or an inability or unwillingness to uphold appropriate professional standards of conduct or behaviour in terms of constructive relationships with others (including peers, tutors, supervisors or other professional groups). Such unsuitability may lead to significant problems in training which by themselves have not led to repeated failure of module assessments. Unsuitability also involves an inability or unwillingness to use feedback on interpersonal difficulties in a constructive way. Where concerns over a student’s suitability arise, the Course Director/tutor will consult with the student concerned in the first instance and specify a course of action that must be completed by the student. If a student fails to meet the requirements specified by the Course Director, the case will be referred to the Course Management Committee and/or External Examiner who may recommend further action or ultimately may recommend that the student be excluded from the course. An assessment of the student’s suitability for training by an external specialist may be requested by the Course Management Committee.

Course Director: Dr Mary Creaner

Comparative European Politics (M.Sc./P.Grad.Dip.)

Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See Entry 16 above.

Conflict and Dispute Resolution Studies (P.Grad.Dip.)

Introduction: This one-year postgraduate programme interests those, in both the public and private sectors, who are professionally involved in conflict analysis, management and resolution and who wish to study civil mediation and other non-adversarial dispute and conflict resolution processes (ADRs) which are increasingly a part of legislative and management structures in the EU and internationally. It aims at achieving standards of best practice for those who recognise the value of alternative dispute resolution processes in resolving commercial, community, workplace and other pre-litigation disputes and in minimising damage caused by conflict. Those who complete the programme will have a deep understanding of the nature of conflict, the various conflict resolution processes available and will know how to apply them. Through an alliance with Mediation Forum-Ireland those who complete the CDRS programme will have the opportunity to have their names included in the relevant specialist panel of Accredited Mediators.

Course Structure: Students are required to take 60 ECTS from the taught modules.

Core Modules (compulsory):
- Understanding Conflict (15 ECTS)
- Aspects and Dynamics of Conflict (15 ECTS)
- Theories and Processes of Conflict Resolution (15 ECTS)
- Processes and Skills for Moving Beyond Conflict (15 ECTS)
Module Descriptions:

Module 1: Understanding Conflict
This module focuses on images and understandings of conflict; how conflict arises, what function it serves, and the stages in the development of conflicts. The module focuses on aspects and dynamics of conflict, examining issues concerning the role of power, cultural aspects of conflict and conflict transformation; the relationship between conflict transformation and reconciliation; and dynamics as they are expressed in five particular types of conflict: Community and Ethnic, Corporate and Commercial, Intra and Inter-church, Political, and Gender.

Module 2: Aspects and Dynamics of Conflict
The module focuses on aspects and dynamics of conflict, examining issues concerning the role of power, cultural aspects of conflict and conflict transformation; the relationship between conflict transformation and reconciliation; and dynamics as they are expressed in five particular types of conflict: Community and Ethnic, Corporate and Commercial, Intra and Inter-church, Political, and Gender.

Module 3: Theories and Processes of Conflict Resolution
The module focuses on theories and processes of conflict resolution, examining theories of Conflict Resolution, Conflict Management, and Conflict Transformation, as well as the theoretical underpinnings of approaches to Restorative Justice. Also introduced are legislative, judicial, arbitration and adjudication and Alternative Dispute Resolution processes as used nationally and internationally.

Module 4: Processes and Skills for Moving Beyond Conflict
The module focuses on four different processes for moving beyond conflict. This is an integrated theory and skills unit in which students learn: skills of self-awareness and communication necessary for the effective practice of conflict resolution; the theories of each process of conflict resolution; and the skills necessary to achieve basic competence in mediation, facilitation, conciliation and negotiation.

64.4 Duration: This Postgraduate Diploma is taught in the evening over one year. Teaching period runs from September to April with two evening sessions (six hours per week) over 24 teaching weeks. There are also two Saturday workshops. Essays, written assignment and skill-based assessments to be completed by 1 August.

64.5 Assessment: The assessment is based on two essays of approximately 4,000 – 4,500 words each, a 4,000 – 4,500 written assignment, and on a practical skills-based assessment to be completed by 1st August. One essay will focus on the underlying theory and philosophy of conflict, the other essay will focus on the theories and processes of conflict resolution. The written assessment will focus on the aspects and dynamics of conflict. The practical assessment will focus on the different processes and skills for moving beyond conflict, and will be on an area of specialisation (which may be related to a particular work context). To complete the Diploma satisfactorily a pass mark of 40% must be achieved in each of the four assessments.

64.6 Admission requirements: Applicants should normally have an honors degree and three years relevant experience, or another third level qualification and five years relevant experience. Students without the above qualifications will be considered subject to evidence of adequate skills and experience. Students not meeting these criteria may exceptionally be considered at the discretion of the Dean of Graduate Studies. For further information please contact: The Secretary, Conflict and Dispute Resolution Studies Programme, Irish School of Ecumenics, (Trinity College Dublin), Bea House, Milltown Park, Dublin 6, Ireland.

64.7 Course Co-ordinator: Ms Paulyn Marrinan Quinn

65. Continuing Professional Development

65.1 Introduction: The School of Education, in association with the Association of Teachers and Education Centres in Ireland, the Christian Brothers, the Church of Ireland College of Education, Froebel College of Education, Sion Hill, Marino Institute of Education, Second Level Support Service, the Curriculum Development Unit, CDVEC, Leadership Development for Schools and Co. Wicklow VEC provide a variety of continuing professional
development activities for teachers and others with a professional interest in education. These activities range from half-day seminars to thirty hour modules. Four modules may be taken in approved combinations for the award of a Postgraduate Diploma in Educational Studies or a Postgraduate Diploma in Educational Leadership and Management. Typically the activities are organised outside of normal school hours and in different Education Centres to facilitate attendance.

65.2 Admission Requirements: Teachers recognised by the Department of Education and Science who have normally followed three years of initial training, graduates of recognised universities or others who have a professional interest in education (such as graduates in social work or librarianship).

65.3 Further Details:
1. The basic module for each course is 30 contact hours.
2. Four modules contribute to one Postgraduate Diploma.
3. The Postgraduate Diplomas are graded.

65.4 Duration: The four modules for the Postgraduate Diploma may be obtained over a period of two years.

65.5 The modules are normally offered outside school hours, either in the evenings, at weekends or full-time weeks during school holidays.

65.6 The courses are assessed by assignment, practical exercises or written examinations.

65.7 Courses are offered in a variety of educational areas including disability needs assessment, aggression studies, special education, ICT’s, drama in education, child abuse and protection, children’s literature, intercultural education, cooperative learning, appraisal, promotion procedures, educational leadership and management, legal issues. A list of modules being offered in an academic year is available on the webpage or from the Division of Continuing Professional Development in July prior to the academic year. However, any module will only be run if sufficient students select it. Study may be commenced at any point during an academic year.

65.8 Course Modules: Each module is freestanding. Candidates choose which modules to take. However, for a diploma to be awarded in a specific area the choice of modules is subject to the approval of the Co-ordinator of Continuing Professional Development. During the course of any year additional modules may become available following requests from interested bodies. The Postgraduate Diploma is the equivalent of 60 ECTS with each module at 15 ECTS.

65.9 Continuing Professional Development Co-ordinator: Dr Carmel O’Sullivan

66. Economics (M.Sc./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See Entry 20 above.

67. Ecumenics (M.Phil. (Ecum.)/P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Phil. See entry 30 above.

68. Education (P.Grad.Dip.)

68.1 Introduction: The School of Education is responsible for the organisation and administration of the course for the Postgraduate Diploma in Education. The purpose of the course is to prepare candidates for teaching in second-level education.
Teaching practice: By arrangement with the school authorities concerned, candidate teachers undertake practice in Dublin schools, such practice being supervised by the staff of the School of Education under the direction of the Head of School. In accordance with the requirements of the University and the Teaching Council with regard to teaching practice, students should be present in school throughout the entire school year, as defined by the Department of Education and Science circular IML/M26/64, and should obtain not less than the equivalent of 75 full days of school experience.

Duration: The course is in two integral parts, initial and general, and is full-time. Throughout the school year students are required to undertake teaching practice under supervision while pursuing their academic studies at the University. In exceptional circumstances a student may be allowed to carry over teaching practice or a limited number of courses into a second year, on payment of the fee.

Courses:
1. Foundation Studies: philosophy of education; educational psychology; special educational needs [SEN]; sociology of education; history of education (general); history of education (Irish) and issues in Irish education; curriculum, assessment, evaluation and statistics.
2. Teaching Studies: major subject; minor subject.
3. Non-assessed electives and a short course in information communications and technology [ICT] are also offered.

Examinations: Students are evaluated by course-work assessment throughout the year and by written examinations. The student must complete all the exercises prescribed. Additional oral and practical examinations may be required. If a candidate's performance is judged unsatisfactory, the Court of Examiners may grant one supplemental examination only, which shall normally be taken in the same calendar year. Where the student's teaching practice is considered unsatisfactory, the Court of Examiners in exceptional circumstances may allow a further period of teaching practice, which should be completed satisfactorily within the following two academic years, subject to the payment of the appropriate fee.

Successful candidates for the Postgraduate Diploma are divided into three classes according to merit. They are awarded first class honors, second class honors and pass respectively, the names in each class being arranged in alphabetical order. The names of candidates in the second class are further grouped in two divisions, first and second. Supplemental candidates or students who have failed to complete the requirements of the Postgraduate Diploma course by the beginning of the annual examinations for other than duly certified medical reasons, cannot qualify for the award of the Postgraduate Diploma with honors.

Candidates should note that, in accordance with the requirements of the Teaching Council, a minimum of two-thirds attendance at all components of the course is mandatory.

Course Co-ordinator: Dr Stephen Minton

69. Educational Studies (M.Ed./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Ed. See Entry 6 above.

70. English Language Teaching (M.Phil./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Phil. See Entry 31 above.

71. Gender and Women’s Studies (M.Phil./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Phil. See Entry 35 above.
72. German Literature with Language Pedagogy (M.Phil./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Phil. See Entry 36 above.

73. Irish Writing (M.Phil./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Phil. See Entry 39 above.

74. Linguistics (M.Phil./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Phil. See Entry 40 above.

75. Management (P.Grad.Dip.)
There is no intake in 2009/10

75.1 Introduction: This course is for managers who have several years' experience in either private, public or not-for-profit organisations. It is a specialised development course that allows practitioners to deepen their knowledge, skill and expertise in the effective management of organisations.

75.2 Admission requirements: Applications for admission are accepted from:
- Graduates of the University of Dublin with a first or second class moderatorship or with a first or second class honors in a professional degree course.
- Graduates of recognised universities with first or second class honors degrees.
- Holders of degrees, diplomas or professional qualifications from recognised institutions who, in addition, have relevant work experience.
- Individuals with professional experience, deemed to be of equivalent standing to academic or professional qualifications, may be considered for admission.

75.3 Duration: The course is part-time over one year.

75.4 Course Structure: The course incorporates eight taught modules worth 5 ECTS each, one individual project of 15,000 words worth 10 ECTS and one group project of 15,000 words also worth 10 ECTS. The list of modules currently available to students includes:

1. Environment Analysis
2. Internal Analysis
3. Exploring Strategic Positions
4. Strategic Innovation
5. Strategy Implementation
6. Performance Measurement
7. Business Simulation
8. Change Management

It should be noted that not all modules listed may be offered in a given academic year and may be replaced by alternatives.

75.5 Assessment: The course is assessed by way of written examinations, written assignments, and both individual and group project.

75.6 Course Director: Dr Michael Shiel
76. Modern Irish History (M.Phil./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Phil. See Entry 45 above.

77. Music and Media Technologies (P.Grad.Dip./M.Phil.)
See Entry 46 above. Students register on the Postgraduate Diploma in the first instance.

78. Old Irish (P.Grad.Dip.)

78.1 **Introduction:** This course is intended to provide graduates in related disciplines with a solid grounding in Old Irish language and literature.

78.2 **Admission Requirements:** Applications for admission must be made to the Dean of Graduate Studies by 31st July of the year in which admission is sought. Applications are normally accepted only from persons with a good honors degree in a cognate subject such as Modern Irish or another Celtic language, medieval languages, literature or history, archaeology. Students will be admitted every second year.

78.3 **Duration:** The course lasts for the two semesters of one academic year beginning in September and requires full-time study. Candidates are assessed by an examination consisting of two three-hour papers.

78.4 **Course-work:** The course will consist of six contact hours per week, as follows:

1. Introduction to Old Irish (two hours) 20 ECTS
2. Tutorials in Old Irish (two hours) 20 ECTS
Two of the following:
3. Old Irish poetry (one hour) 10 ECTS
4. Old Irish glosses (one hour) 10 ECTS
5. Old Irish saga (one hour) 10 ECTS
Total 60 ECTS

78.5 **Course Co-ordinator:** Professor Damian McManus

79. Peace Studies (M.Phil. (Peace Studies)/P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Phil. See Entry 48 above

80. Psychoanalytic Studies (M.Phil./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Phil. See Entry 50 above.

81. Reconciliation Studies (M.Phil./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Phil. See Entry 51 above.

82. Reformation and Enlightenment Studies (M.Phil./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Phil. See Entry 52 above.

83. Social Work (M.S.W./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.S.W. See Entry 9 above.
84. Speech and Language Processing (M.Phil./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Phil. See Entry 54 above.

85. Technology and Learning (M.Sc./P.Grad.Dip.)
See entry 20 in the Faculty of Engineering, Mathematics and Science for further details.

Higher Diplomas

86. Higher Diploma in Education (Primary Teaching)

86.1 Introduction: The Higher Diploma in Education (Primary Teaching) is a professional course which is intended to provide for the academic and professional requirements of primary school teachers. It is taught jointly by the University’s School of Education and two associated Colleges of Education – Coláiste Mhuire, Marino and the Froebel College of Education, Sion Hill, Blackrock. Students attend the majority of courses within their chosen College of Education and attend foundation courses, in common with students from other Colleges of Education, within the University’s School of Education.

The H.Dip. (Primary) is an integrated course of study designed to provide student teachers with the range of knowledge, skills and attitudes related to the profession of primary school teaching. Accordingly, throughout the course, considerable emphasis is placed on the study of foundation subjects in education, the Irish and English languages, language development and mathematics, with complementary work in areas such as arts education, religious education, physical education, social, personal and health education (SPHE), information communication technology (ICT), social, environmental and scientific education (SESE) and inclusive education. School experience is regarded as central to the H.Dip. (Primary) programme and there are three periods of teaching practice designed to give students an opportunity to develop their practical skills of observation and teaching. Students who successfully complete this course are recognised by the Department of Education and Science as qualified teachers, following a successful year of probation, in accordance with Rule 157 of the Rules of National Schools.

86.2 Duration: The course is of eighteen months duration and is full-time. It commences in early February and is divided into three terms which run from February to June, September to December, and from January to June. H.Dip. (Primary) students register only with the associated College of their choice for the first term of the course. Students register both with the associated College and the University of Dublin, Trinity College for the second and third terms of the course. Graduate students registered with Trinity College have full access to the facilities of the University.

86.3 Entry Requirements: Candidates for admission to the programme leading to the H.Dip. (Primary) must possess an approved third-level degree. In addition, applicants must also have secured at least grade C in higher level Irish and at least grade D in mathematics (ordinary or higher level) and at least grade C (ordinary level) or grade D (higher level) in English. Candidates who sat the Leaving Certificate examination prior to 1969 must have secured honors in Irish and passes in English and mathematics. Similar requirements apply in the case of applicants who have sat the Northern Ireland G.C.S.E. and G.C.E. ‘A’ level examination.

A pass in a University first year arts examination in Irish, English or mathematics will be accepted in lieu of Leaving Certificate/G.C.E./G.C.S.E. requirement for that particular subject. In the case of Irish, a grade C in the Matriculation examination will also be accepted in lieu of the Leaving Certificate examination/G.C.S.E. requirement. In the case of mathematics, a pass in that subject in the Matriculation examination will also be accepted in lieu of the Leaving Certificate examination/G.C.S.E. requirement.
86.4 Academic progress and examinations: The evaluation of work for the diploma involves a combination of continuous assessment and final examinations. In order to advance with their class students must satisfactorily complete the assignments and must pass the required examinations. Students should note that full attendance is required at all lectures and tutorials. Annual examinations are held in Trinity term generally over a period of three to four weeks. Supplemental examinations are held in the following September. Successful candidates for the H.Dip. (Primary) are divided into three classes according to merit. They are awarded first class honors, second class honors and pass respectively, the names in each class being arranged in alphabetical order. The names of candidates in the second class are further grouped in two divisions, first and second.

86.5 Courses: In the college: theory and method in the teaching of Gaeilge; English; mathematics; religious education; social environmental and scientific education (history, geography, science); arts education (visual arts, music, drama); physical education; social, personal and health education; inclusive education (special education, intercultural education, educational disadvantage); information communication technology.

In the university: philosophy of education; sociology of education; psychology (child psychology); psychology (educational psychology); history of educational ideas/irish education.

In school and college: Professional development.

86.6 Course Co-ordinator: Dr Conor McGuin

87. Higher Diploma in Psychology

87.1 Introduction: The Higher Diploma course is designed to provide a pre-professional qualification in psychology; equivalent to a bachelor degree in psychology and to allow graduates of the course to proceed to postgraduate training, including higher degrees by research, and to specialise in any area of professional psychology. It is a two-year full-time course accredited by the Psychological Society of Ireland, based on lectures, tutorials, laboratory classes and research projects. Candidates for admission to the Higher Diploma in Psychology must, at the time of application, hold a primary degree in any discipline, with at least second class honors. This course has been designed to confer eligibility for graduate membership on graduates of the course; to provide an understanding of the nature of psychology as a profession, the psychologist’s professional responsibilities, standards of performance and ethical issues; to enable students to acquire advanced knowledge in relevant areas within psychology, building upon and extending undergraduate preparation; to extend skills in formulating research problems, gathering and analysing data, interpreting and communicating research findings; and to help students explore their own interests and capacities in the field and to prepare them for further training.

For professional work in psychology it is usually necessary to proceed to a higher degree by research or course work in the speciality of one’s choice. The School of Psychology at present offers postgraduate courses in Counselling Psychology, Clinical Psychology, Clinical Supervision, Applied Psychology, Applied Behaviour Analysis and the M.Sc. and Ph.D. degrees by research.

87.2 Modules: Students must complete all of the following foundation modules during the two years of the course:

<table>
<thead>
<tr>
<th>Module</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Psychology</td>
<td>5</td>
</tr>
<tr>
<td>Cognition</td>
<td>5</td>
</tr>
<tr>
<td>Fundamentals of Neuroscience and Behaviour</td>
<td>5</td>
</tr>
<tr>
<td>Personality and Individual Difference</td>
<td>5</td>
</tr>
<tr>
<td>Developmental Psychology</td>
<td>5</td>
</tr>
<tr>
<td>Perception</td>
<td>5</td>
</tr>
</tbody>
</table>
Foundation modules not taken in Year 1 will be taken in Year 2. Details of the foundation modules which students are required to take in each year of the course are provided in the course handbook. In addition, in both years 1 and 2, students are required to take statistics and methodology (10 ECTS in each year), research skills and methodology (10 ECTS in year 1 and 5 ECTS in year 2) and the academic skills tutorials modules (5 ECTS in each year). Students in Year 2 are required to carry out an empirical investigation of a psychological topic or question (which carries 20 ECTS), under the supervision of a member of the academic staff in the School.

A range of advanced modules is offered each year and over the two years of the course, students must take at least one module from each required area (biological, cognitive, social, development, personality and individual differences). Each advanced module carries 5 ECTS. Modules taken in Year 1 may not be taken in Year 2. See the course handbook for details of the advanced modules available and of the number of these modules which students are required to take in each year of the course.

87.3 Notes: Modules are offered subject to timetabling restrictions and staff availability and may be offered in years other than those scheduled. Additional modules may occasionally be provided for particular years of the course and credit for participation in these modules will be given in the assessment process. Details of such modules as become available and any requirements for attendance and participation are published at the beginning of the academic year.

87.4 Academic progress and examinations: Students are required to attend academic skills tutorials, practical classes and seminars and to complete any exercises that may be set in association with any module.

Higher Diploma Year 1
Continuous assessment
Statistics and methodology 1
Research skills and methodology
Academic skills tutorial essays
Advanced module essays

Candidates take examination papers in Trinity Term, (except where advised in the course handbook) one for each of the foundation modules and one for each of the advanced modules read in year 1. Academic skills tutorial work will be assessed by continuous assessment. Full details of course requirements and assessment procedures are available in the course handbook.

Higher Diploma Year 2
Candidates for the Higher Diploma must submit two typed copies, bound in departmental covers, of a practical project which has been carried out during the second year of the Higher Diploma programme.

Continuous assessment
Statistics and methodology II
Research skills and methodology II
Academic skills tutorial essays
Advanced module essays

Candidates take examination papers in Trinity Term, (except where advised in the course handbook) one for each of the foundation modules and one for each of the advanced modules read in year 2. Tutorial work is assessed by continuous assessment.
Full details of course requirements and assessment procedures are available in the course handbook.

Successful candidates for the Higher Diploma in Psychology are divided into three classes according to merit. They are awarded first class honors, second class honors (The names of candidates in the second class are further grouped in two divisions, first and second.) and pass respectively. The names in each class being arranged in alphabetical order. Supplemental candidates or students who have failed to complete the requirements of the Higher Diploma course by the beginning of the annual examinations for other than duly certified medical reasons, cannot qualify for the award of the Higher Diploma with honors.

87.5 Course Director: Dr Jean Quigley
6(b). Faculty of Engineering, Mathematics and Science

1. Master in Engineering (M.A.I.)

1.1 Admission: Applications for the degree of M.A.I. should be addressed to the Dean of Graduate Studies. There are two possible routes for a postgraduate to obtain an M.A.I. By the first route, the candidate must have taken the degree of B.A.I. in the University of Dublin and must have practised for three years as an engineer after having obtained the degree of B.A.I. To qualify for the M.A.I. degree the candidate must present a written dissertation, which must take the form of either a report on a piece of engineering research carried out by the candidate individually or as one of a group, or else of a description of a substantial project in design, construction, development or production in an engineering field in which he or she has taken part. The second route is outlined in Paragraph 1.3 below.

1.2 A candidate must furnish evidence that the requirements stated above have been fulfilled and must submit two bound copies of the thesis to the Dean of Graduate Studies.

1.3 An alternative course is available to those who hold one of the following qualifications: the degree of B.A.I. of the University of Dublin, or an engineering degree of another university, or an equivalent qualification. This alternative course is described below.

1.4 Course Director: Dr Eric Farrell

1.5 Note: This course is currently under review and may undergo substantial changes in the 2009/2010 academic year.

2. Master in Engineering (M.A.I.) Recurrent Education

2.1 Admission: Applicants for the Master in Engineering (M.A.I.) Recurrent Education degree must be engineering graduates and either have a B.A.I./B.Sc.(Ing.) degree or hold a combination of two postgraduate diplomas approved by the Director of Teaching and Learning (Postgraduate).

2.2 Duration: The duration of the programme is normally two years part-time and the dissertation should be submitted not later than three years after registering for the degree.

2.3 Dissertation: The candidate is required to prepare a dissertation on a research project carried out in his/her professional environment. The work is to be carried out to academic criteria and should include some contribution to knowledge. It will be supervised by a member of staff from the School of Engineering. The agreement, in writing, of a person in authority from the student’s workplace to carry out this research will normally be required.

2.4 Assessment: The award of Master in Engineering (M.A.I.) Recurrent Education degree will be based on a dissertation submitted by a suitably qualified engineering graduate. The candidate is required to submit three bound copies of his/her dissertation and will normally be asked to undergo a viva voce examination on the subject matter of the dissertation.

2.5 Course Director: Dr Eric Farrell
3. Engineering (by Module)

3.1 Introduction: M.Sc. courses may be provided by the School of Engineering by selecting appropriate modules from those available. Candidates seeking to apply for M.Sc. courses in the School are required to contact the Director of Teaching and Learning (Postgraduate) for further information and for application procedures. The School of Engineering reserves the right to amend the list of available modules for selection in any particular year. Candidates are also required to complete a dissertation on an individual project. In order to complete the course, candidates must take modules which total 60 ECTS together with a dissertation worth at least 30 ECTS. Alternatively, a 120 ECTS programme using modules run by approved partner institutions may be followed. In this case, at least 60 ECTS must be taken at Trinity College Dublin and the candidate must submit a dissertation worth at least 30 ECTS.

3.2 Examination: There will be written examinations and, in addition, candidates must submit a dissertation on an individual project. Students must submit their dissertations by the prescribed date. Students who complete the examination requirements only, may, on recommendation of the examiners, be awarded a Postgraduate Diploma.

4. Biodiversity and Conservation (M.Sc./P.Grad.Dip.)

4.1 Introduction: The course is designed to provide students with a sound theoretical and practical grounding in the science of biological diversity and its conservation. This modular course will utilise a range of teaching methods to develop key theoretical knowledge and link this to practical skills. Skills in developing research methods will be developed through desk studies and (for M.Sc. candidates only) a research project resulting in a submission of a dissertation.

4.2 Admission Requirements: Applicants will be required to hold at least an upper second class honors in a science subject that included significant components of botany, zoology or a relevant life science. Non-EU applicants will be required to hold an equivalent qualification. Candidates with relevant, and significant, experience as professional practitioners in Biodiversity management or policy may also be accepted.

An Admissions Committee from the School of Natural Sciences awards places on a competitive basis. Applications must be accompanied by a one page letter outlining the applicant's interest and experience in the environmental field.

4.3 Duration and course structure: The course, worth 90 ECTS, runs over a twelve-month period, using learning modules as described below. All modules are compulsory for M.Sc. students while P.Grad.Dip. students are required to take all modules except the Research Project.

<table>
<thead>
<tr>
<th>Title</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to biodiversity</td>
<td>5</td>
</tr>
<tr>
<td>Environmental and biodiversity policy</td>
<td>5</td>
</tr>
<tr>
<td>Introduction to conservation biology</td>
<td>5</td>
</tr>
<tr>
<td>Desk studies</td>
<td>10</td>
</tr>
<tr>
<td>Data handling</td>
<td>5</td>
</tr>
<tr>
<td>Taxonomy, systematics and identification skills</td>
<td>5</td>
</tr>
<tr>
<td>Human impacts with biodiversity</td>
<td>5</td>
</tr>
<tr>
<td>Project planning</td>
<td>5</td>
</tr>
<tr>
<td>Overseas field course</td>
<td>5</td>
</tr>
<tr>
<td>Impacts of climate change on biodiversity</td>
<td>5</td>
</tr>
<tr>
<td>Practical conservation biology</td>
<td>5</td>
</tr>
<tr>
<td>Research project: Dissertation</td>
<td>30</td>
</tr>
</tbody>
</table>
4.4 **Assessment:** Candidates shall be assessed throughout the course by:
- Written examination
- Coursework and essays
- Presentations
- Web-based tests
- A desk-based project
- A dissertation based on a research project

To pass the taught component of the course, the candidate must achieve a pass mark (50% or above) in all the taught modules. A student may be permitted to undertake supplemental assessment or examination in a maximum of one module at the discretion of the Court of Examiners. If successful, the mark for the given module will be replaced by 50%. A student may fail one module and still pass the taught component of the course providing the Court of Examiners is satisfied that there is evidence of work of sufficient merit in all other modules. A candidate who fails to pass two or more modules will be required to withdraw from the programme. To proceed to the individual research project component of the course, the candidate must satisfy the examiners by: (i) achieving a pass (more than 50%) in the project planning module (ii) passing the taught component of the course as outlined above A student who passes the taught component of the course but fails the project planning module will be required to submit a revised research project proposal prior to being permitted to commence the individual research project leading to a dissertation. If the revised proposal remains unsatisfactory, the student may apply for the Postgraduate Diploma in Environmental Sciences. To obtain a distinction, a candidate must additionally satisfy the examiners by: (i) passing all taught modules and achieving an average mark of 70% or above for the taught component of the course (ii) achieving a mark of 70% of above for the dissertation relating to the individual research project.

4.5 **Course Director:** Dr Stephen Waldren

5. **Bioengineering (M.Sc./P.Grad.Dip.)**

5.1 **Introduction:** The course aims to develop engineers with an advanced understanding of the technologies underpinning the bioengineering industry, particularly the design, development and market regulation of medical devices and associated healthcare products. The course is taught jointly with the University of Limerick and University College Dublin.

5.2 **Admission Requirements:** Candidates for this course must normally (i) hold a good honors degree in engineering or a cognate discipline, or hold appropriate qualifications in engineering with at least three years professional experience, and (ii) satisfy the course committee that they have a sufficient understanding of the fundamentals of medical science.

5.3 **Duration:** The duration of the course will be nine months for the Diploma and one year for the Masters degree. The course can be taken on a part-time basis over a two-year period. Students register on the Masters course in the first instance.

5.4 **Course Structure:** The Masters course consists of three modules of 10 ECTS each, three modules of 5 ECTS each, together with a project worth 45 ECTS consisting of a Research Methods module (15 ECTS) and a Dissertation (30 ECTS).

The course modules cover the following subject areas:
1. Biomechanics (10 ECTS) (examination 50%, assignments/laboratories 50%)
2. Biomaterials (10 ECTS) (examination 60%, assignments/laboratories 40%)
3. Bioinstrumentation (10 ECTS) (examination 60%, assignments/laboratories 40%)
4. Basic Medical Sciences (5 ECTS) (examination 60%, assignments/laboratories 40%)
5. Cell and Tissue Engineering (5 ECTS) (examination 60%, assignments/laboratories 40%)
6. Rehabilitation Engineering (5 ECTS) (examination 60%, assignments/laboratories 40%)
7. Research Methods with Industrial Design (15 ECTS) (Literature review (short) 50%, industrial design course (30%), oral presentation (20%))
or
8. Research Methods (Literature review (long) 80%, oral presentation (20%)) (15 ECTS)
9. Dissertation (30 ECTS)

These will be delivered by a combination of intensive teaching weeks and distance learning.

5.5 Assessment: Candidates must choose either module 7 or module 8. Where there is a substantial element of engineering design involved in the dissertation, candidates should choose module 7, if it is available. In addition, in those cases, the candidates will work collaboratively on the design portion of their dissertation together with an NCAD student, if this is feasible. Where there is no substantial design component in the dissertation, candidates should choose module 8. Candidates who do not proceed to the dissertation, or who have failed their dissertation but have passed the first six modules and either module 7 or module 8, may, on the recommendation of the examiners, be awarded a Postgraduate Diploma in Bioengineering (60 ECTS). Both the examinations and the dissertation are subject to external moderation. Any student awarded the postgraduate diploma automatically forfeits the possibility of being awarded the M.Sc. in Bioengineering at any later stage.

5.6 Course Director: Dr Ciaran Simms

6. Chemical and Biological Techniques (M.Sc./P.Grad.Dip.)
   (There is no intake in 2009/10 as the course is under review)

6.1 Introduction: The course provides a programme of applied teaching relevant to graduates interested in pursuing research careers, particularly in Industry. It is geared towards the training of recent graduates and current industrial employees. The course is run by the School of Chemistry, Trinity College Dublin and supported through teaching in collaboration with the School of Chemistry and Chemical Biology at UCD.

6.2 Admission Requirements: Applications for admission are accepted from:
   (i) holders of a good science-based degree, at least second class degrees awarded by recognised universities and institutions
   (ii) holders of other degrees from recognised universities or degree granting institutions who have experience of at least three years of appropriate employment.

6.3 Duration: The course is a part-time course and will be offered in two modes, part-time I-II. The duration of the part-time I course will be two years and the part-time II will be three years.

6.4 European Credit Transfer System (ECTS): The Postgraduate Diploma will consist of 8 taught modules (four 10 ECTS and four 5 ECTS modules, 60 ECTS), the Masters course consists of eight modules together with an extended research project, 30 ECTS to give a total of 90 ECTS. The course modules are drawn from the following;
   Spectroscopy (10 ECTS)
   Separation Technology (10 ECTS)
   Nuclear Magnetic Resonance and Mass Spectrometry (10 ECTS)
   Scientific methods for Research and Industry (10 ECTS)
   Chemical Methods and Assays (5 ECTS)
   Biological Methods and Assays/Modelling Bio-molecules (5 ECTS)
Solid State Analysis (5 ECTS)
Modern Microscopy Techniques/Modelling (5 ECTS)
Dissertation (15,000 words) (30 ECTS)

These will be delivered by a combination of weekly lectures, intensive practical sessions and distance learning.

6.5 **Assessment:** Postgraduate Diploma candidates will be assessed on the basis of written and oral examinations and continuous assessment. M.Sc. candidates will, in addition, complete a substantial research project and submit a dissertation of approximately 15,000 words. Both the examinations and the dissertations are subject to external moderation. Those students who, for any reason, do not wish to continue to the dissertation on the M.Sc. Programme may, after satisfactorily completing a sufficient number of modules, apply to exit with a Postgraduate Diploma in Chemical and Biological Techniques. Any student, who is awarded the Postgraduate Diploma, automatically forfeits progression to this M.Sc. at any later stage.

6.6 **Course Director:** Professor Sylvia Draper

7. **Civil Engineering (M.Sc./P.Grad.Dip.)**

7.1 **Admission Requirements:** Candidates for this course must normally hold a first or second class, first division honors degree in civil engineering or a cognate discipline and pursue the course full-time for a period of not less than twelve consecutive months. Alternatively the course may be taken part-time over two years. Students register on the Masters course in the first instance.

7.2 **Course Modules:** In the first semester (Part 1), candidates pursuing the course full-time must take modules A1 and A2 together with four other modules selected from options B1 to B8, listed below:

- **A1.** Civil Engineering Management (*compulsory*) (10 ECTS)
- **A2.** Research Methodology (*compulsory*) (10 ECTS)
- **B1.** Ground Engineering (5 ECTS)
- **B3.** Introduction to Transportation Engineering (5 ECTS)
- **B4.** Engineering Hydrology (5 ECTS)
- **B5.** Introduction to Environmental Analysis (5 ECTS)
- **B6.** Environmental Engineering (5 ECTS)
- **B7.** Transport Modelling (5 ECTS)
- **B8.** Advanced Structural Analysis (5 ECTS)

In the second semester (Part 2), candidates must take module A3 together with four other modules selected from options C1 to C8, listed below:

- **A3.** Dissertation (*compulsory*) (30 ECTS)
- **C1.** Highway Engineering (5 ECTS)
- **C2.** Applied Transportation Analysis (5 ECTS)
- **C3.** Bridge Engineering (5 ECTS)
- **C4.** Renewable Energy (5 ECTS)
- **C5.** Waste and Environmental Management (5 ECTS)
- **C6.** Water Quality and Hydrological Modelling (5 ECTS)
- **C7.** Water Resource Planning (5 ECTS)
- **C8.** Modelling of Civil Engineering Systems (5 ECTS)

Some of the modules in either semester may be withdrawn from time to time and some new modules may be included, subject to demand. In addition to passing the prescribed examinations, each student must submit a dissertation on an approved topic.
Postgraduate Diploma candidates will be assessed on the basis of written examinations and successful completion of the Research Methodology module. M.Sc. candidates will, in addition, complete a substantial research project and submit a dissertation of approximately 30,000 words.

To complete the M.Sc. in Civil Engineering degree course, candidates must take eleven modules, namely: the three compulsory modules (A1, A2 and A3) together with four of the B modules and four of the C module options, which in total amounts to 90 ECTS.

Candidates may also take the course part-time over two-years. In this case, during the first year, the candidates take seven modules, namely the compulsory A1 and A2 modules together with five other modules (including at least two from the B options and two from the C options), which amounts to 45 ECTS. During the second year, candidates must complete the compulsory A3 module together with three other module options which amount to another 45 ECTS. By the end of the course, part-time candidates must have completed four of the B module options and four of the C module options.

7.3 **Assessment:** Students who complete the examination requirements and the ‘A2 Research Methodology’ module only, may, on the recommendation of the Court of Examiners, be awarded a Postgraduate Diploma in Civil Engineering (60 ECTS). Any student awarded the Postgraduate Diploma automatically forfeits progression to the M.Sc. at any later stage.

7.4 **Course Co-ordinator:** Dr Brendan O’Kelly

8. **Computer Science (Interactive Entertainment Technology) (M.Sc./P.Grad.Dip.)**

8.1 **Introduction:** This M.Sc. in Computer Science is a one-year full-time graduate course in Computer Science focusing on Interactive Entertainment Technology.

8.2 **Aim:** The aim of this course is to equip students with the theoretical and practical knowledge that will enable them to participate in the design and development of interactive video game and entertainment technology in a wide range of applications and environments. The programme presents the state of the art in, and the likely evolution of the technologies employed to create the increasingly complex hardware and software platforms used in the industry. The focus is on skills that will develop graduates’ capacity as agents of change and prepare them for immediate contribution to and subsequent successful careers in the industry.

8.3 **Admission Requirements:** Admission to the course is competitive, and is normally restricted to graduates who have achieved an upper second class honors degree, or better, in computing, information technology, or a related discipline. Well-qualified candidates from other disciplines who have sufficient knowledge of computing (including the ability to program) may also be accepted.

8.4 **Duration:** The course will be offered on a one year, full-time basis.

8.5 **Course structure:** The M.Sc. programme will incorporate both taught and practical components. M.Sc. students will also undertake an independent research project that will be submitted in the form of a dissertation (30 ECTS). The list of modules currently available to students includes:

1. Numerical Methods and Mathematical Modelling (10 ECTS)
2. Software Engineering for Concurrent Systems (10 ECTS)
3. IET Seminar Series (0 ECTS)
4. Group Project (10 ECTS)
5. Graphics and Console Hardware and Real-time Rendering (10 ECTS)
6. Artificial Intelligence and Autonomous Agents (10 ECTS)
7. **Real-time Animation and Physics (10 ECTS)**
8. **Augmented Reality (5 ECTS)**
10. **Data Communications (10 ECTS)**

Modules 1, 2, 3 and 4 are core, and taken by all students. The other modules are options and students are required to choose three out of the five currently available. Students are required to reach a full complement of 90 ECTS to be eligible for the award of the M.Sc. degree. Not all modules listed may be offered in a given academic year and may be replaced by alternatives.

8.6 **Assessment:** Students who fail one or more modules will not be eligible to submit a dissertation and will not be eligible for the award of an M.Sc. in Computer Science but may, at the discretion of the Court of Examiners, be offered the opportunity to subsequently pass the corresponding module(s) by sitting a supplemental examination or undertaking supplemental practical work in any module that they failed. To satisfactorily complete a dissertation, students must submit their dissertation by the prescribed date and must obtain a passing mark. Students who pass the required modules but who are not permitted to or otherwise do not submit a dissertation will be eligible for the award of a Postgraduate Diploma in Computer Science. All assessments and the dissertation will be subject to external review.

8.7 **Course Director:** Dr John Dingliana

9. **Computer Science (Mobile and Ubiquitous Computing) (M.Sc. /P.Grad.Dip.)**

9.1 **Introduction:** This M.Sc. in Computer Science is a one-year full-time graduate programme in Computer Science focusing on mobile and ubiquitous computing.

9.2 **Aim:** The primary goals of this programme are to equip graduate students from diverse backgrounds with an integrated set of skills that will allow them to develop their professional careers in this and related areas of information technology and to enable them to become leaders in their chosen field of specialisation. The particular focus of the programme is to equip students with the theoretical and practical background that is necessary to enable them to participate in the design and deployment of mobile and ubiquitous computing solutions in a wide range of applications and environments. The programme presents the state of the art in mobile and ubiquitous computing and the likely evolution of the area. The focus is on skills that are not presently imparted to students during their undergraduate years, and that will develop graduates' capacity as agents of change.

9.3 **Admission Requirements:** Admission to the M.Sc. programme is competitive, and is normally restricted to graduates who have achieved an upper second class honors degree, or better, in computing, information technology, or a related discipline. Well-qualified candidates from other disciplines who have sufficient knowledge of computing (including the ability to program) may also be accepted.

9.4 **Duration:** One year (October-September), full-time. Students will not be permitted to join the course late.

9.5 **Course structure:** The M.Sc. programme will incorporate both taught and practical components. M.Sc. students will also undertake an independent research project that will be submitted in the form of a dissertation (30 ECTS). The list of modules currently available to students includes:
1. **Visions of Ubiquitous Computing (5 ECTS)**
2. **Data Communications (10 ECTS)**
3. **Middleware for Ubiquitous Computing (10 ECTS)**
4. **Real-time and Embedded Systems (10 ECTS)**
5. Context Awareness (5 ECTS)
6. Information Architecture and Human-Computer Interaction (10 ECTS)
7. Design (5 ECTS)
8. Vision Systems (5 ECTS)

All modules are core, and taken by all students. Students are required to reach a full complement of 90 ECTS to be eligible for the award of the M.Sc. degree. Not all modules listed may be offered in a given academic year and may be replaced by alternatives.

9.6 Assessment: Students who fail one or more modules will not be eligible to submit a dissertation and will not be eligible for the award of an M.Sc. in Computer Science but may, at the discretion of the Court of Examiners, be offered the opportunity to subsequently pass the corresponding module(s) by sitting a supplemental examination or undertaking supplemental practical work in any module that they failed. To satisfactorily complete a dissertation, students must submit their dissertation by the prescribed date and must obtain a passing mark. Students who pass the required modules but who are not permitted to or otherwise do not submit a dissertation will be eligible for the award of a Postgraduate Diploma in Computer Science. All assessments and the dissertation will be subject to external review.

9.7 Course Modules: Course modules will cover a range of topics of relevance to the design, implementation and future developments of complex mobile and ubiquitous systems. A student's choice of a topic for a dissertation will be subject to the approval of the Course Director.

9.8 Course Director: To be confirmed

10. Computer Science (Networks and Distributed Systems) (M.Sc./P.Grad.Dip.)

10.1 Introduction: The M.Sc. in Computer Science is a one-year, full-time graduate programme in Computer Science focusing on networks and distributed systems.

10.2 Aim: The primary aim of the M.Sc. programme is to equip graduate students with an integrated set of skills that will allow them to develop their professional careers in information technology. The particular focus of the programme is to equip students with the theoretical and practical background that is necessary to enable them to participate in the design of complex networked and distributed systems. The programme not only presents the state of the art in the design and implementation of networks and distributed systems but also prepares students to embrace future developments in the field. Specific emphasis is placed on the presentation and assimilation of challenging and stimulating material that has a demonstrated professional relevance. The focus of the programme is on skills that are not normally imparted to students during their undergraduate years and that will develop graduates' capacity as leaders in the field. Thus, the programme is intended to prepare graduates to pursue careers in industry or to undertake basic research in the field.

10.3 Admission Requirements: Admission is competitive and is normally restricted to graduates who have achieved an upper second class honors degree, or higher, in computing, information technology, or a related discipline. Well-qualified candidates from disciplines such as engineering, mathematics, statistics, or physics who have sufficient knowledge of computing (including the ability to program) may also be accepted. Students register on the Masters programme in the first instance.

10.4 Duration: One-year (October – September), full-time. Students will not be permitted to join the course late.

10.5 Course Structure: The M.Sc. programme will incorporate both taught and practical components. M.Sc. students will also undertake an independent research project that will
be submitted in the form of a dissertation (30 ECTS). The list of modules currently available to students includes:

1. Networked Applications (10 ECTS)
2. Data Communications (10 ECTS)
3. Middleware for Ubiquitous Computing (10 ECTS)
4. Software Engineering for Concurrent Systems (10 ECTS)
5. Management of Information Systems (10 ECTS)
6. Security and Management of Networks and Distributed Systems (10 ECTS)

All modules are core, and compulsory for all students. Students are required to reach a full complement of 90 ECTS to be eligible for the award of the M.Sc. degree. Not all modules listed may be offered in a given academic year and may be replaced by alternatives.

10.6 **Assessment:** Students who fail one or more modules will not be eligible to submit a dissertation and will not be eligible for the award of an M.Sc. in Computer Science but may, at the discretion of the Court of Examiners, be offered the opportunity to subsequently pass the corresponding module(s) by sitting a supplemental examination or undertaking supplemental practical work in any module that they failed. To satisfactorily complete a dissertation, students must submit their dissertation by the prescribed date and must obtain a passing mark. Students who pass the required modules but who are not permitted to or otherwise do not submit a dissertation will be eligible for the award of a Postgraduate Diploma in Computer Science. All assessments and the dissertation will be subject to external review.

10.7 **Course Modules:** Course modules will cover a range of topics of relevance to the design, implementation and future developments of complex networked and distributed systems. A student’s choice of a topic for a dissertation will be subject to the approval of the Course Director.

10.8 **Course Director:** Dr Siobhan Clarke

11. **Electronic Engineering (M.Sc.)**

11.1 See entry 3 above for details of this course.

12. **Environment and Development (M.Sc./P.Grad.Dip.)**

12.1 **Introduction:** The course is designed to provide students with a sound theoretical and practical grounding in the theory of political ecology and development, while also exposing them to case studies of environmental transformation and management in the developing world and developing their research skills. This modular course will utilize a range of teaching methods to develop key theoretical knowledge and link this to practical skills. Skills in developing research methods will be developed through desk studies and (for M.Sc. candidates only) a research project.

12.2 **Admission Requirements:** Applicants will be required to hold at least an upper second class honors in a social science or science subject. Non-EU applicants will be required to hold an equivalent qualification. Relevant, and significant, experience as professional practitioners in environmental or development management or policy will also be taken into consideration.

12.3 **Duration and course structure:** The course will run over a twelve-month period, using learning modules as described below. All modules are compulsory for M.Sc. students while P.Grad.Dip. students are required to take all modules except the Research Project.

**Modules**
- Globalization, Environment and Development (5 ECTS)
12.4 Assessment: Candidates shall be assessed throughout the course by:
- Written examination
- Coursework and essays
- Presentations
- Web-based tests
- A dissertation based on a research project

In order to be awarded the degree of Master of Science in Environment and Development, candidates must satisfy the Court of Examiners by passing all the taught modules of the course and by obtaining a pass in the dissertation. The taught modules of the course will contribute 67% of the overall assessment mark. The remaining 33% will be for the dissertation. The pass mark for each module and for the dissertation is 50%. Where a module involves more than one assessment all items of assessment must be passed. Candidates who pass all taught modules and the desk study can exit with a Postgraduate Diploma or may proceed and undertake a dissertation. Candidates must obtain a pass mark (50%) in their dissertation to be awarded an M.Sc. Candidates who pass all taught modules and the desk study but fail their dissertation may be awarded a Postgraduate Diploma. Failure in one taught module may be permitted provided there is evidence of work of sufficient merit in other modules as determined by the Court of Examiners. Students who fail to satisfy the Court of Examiners in any module may be permitted at the discretion of the Court to represent themselves on one occasion only for supplementary written work or examination. Where a student is required to take such supplementary work or examination the original mark in the failed module will be replaced by 50% in the case of a successful outcome. Any candidate who fails any piece of supplementary coursework or repeat examination will be required to withdraw from the programme. A candidate who fails more than two modules at the first attempt will be required to withdraw from the programme.

12.5 Course Director: Dr Pádraig Carmody

13. Environmental Sciences (M.Sc./P.Grad.Dip.)

13.1 Introduction: This one year, full time course aims to provide a firm scientific understanding of current environmental issues whilst developing a wide range of knowledge and skills relating to the expanding subject of Environmental Science. It is intended for graduates with an appropriate biological/earth sciences background or relevant experience in an environmental field, in addition to established administrative and scientific workers in applied environmental sciences.

13.2 Admission Requirements: Applications for admission are accepted from:
(i) holders of first or upper second class honors degrees, or their overseas equivalent, awarded by recognised universities, institutions and degree awarding bodies;
(ii) holders of other degrees of relevant qualifications including professional qualifications, who have at least three years work experience in an environmental profession.
An Admissions Committee from the School of Natural Sciences awards places on a competitive basis. Applications must be accompanied by a one page letter outlining the applicant’s interest and experience in the environmental field.

13.3 Course Structure: The course, worth 90 ECTS, comprises the following two components:

(i) A taught component comprising modules totalling 60 ECTS
(ii) An individual research project equivalent to 30 ECTS

The taught component of the course comprises the following modules or their equivalents:

<table>
<thead>
<tr>
<th>Title</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Environmental Sciences</td>
<td>5</td>
</tr>
<tr>
<td>Desk Study</td>
<td>10</td>
</tr>
<tr>
<td>Environmental Policies</td>
<td>5</td>
</tr>
<tr>
<td>Environmental Chemical Analysis</td>
<td>5</td>
</tr>
<tr>
<td>Data Handling and Analysis</td>
<td>5</td>
</tr>
<tr>
<td>Ocean and Coastal Management</td>
<td>5</td>
</tr>
<tr>
<td>Hydrology and Groundwater Quality</td>
<td>5</td>
</tr>
<tr>
<td>Hydrobiology and Waste Water Treatment</td>
<td>5</td>
</tr>
<tr>
<td>Impacts of Climate Change</td>
<td>5</td>
</tr>
<tr>
<td>Practical Environmental Skills</td>
<td>5</td>
</tr>
<tr>
<td>Project Planning</td>
<td>5</td>
</tr>
<tr>
<td>Research Project: Dissertation</td>
<td>30</td>
</tr>
</tbody>
</table>

To complete the course and be eligible for the degree of Master in Science in Environmental Sciences, the candidate must successfully pass both the taught component and the individual research project resulting in a submission of a dissertation.

A student registered for the M.Sc. in Environmental Sciences may apply for a Postgraduate Diploma in Environmental Sciences on successful completion of the taught component of the M.Sc. course. Any student, who is awarded the Postgraduate Diploma, automatically forfeits progression to the M.Sc. at any later stage.

13.4 Assessment: To pass the taught component of the course, the candidate must achieve a pass mark (50% or above) in all the taught modules.

A student may be permitted to undertake supplemental assessment or examination in a maximum of one module at the discretion of the Court of Examiners. If successful, the mark for the given module will be replaced by 50%. A student may fail one module and still pass the taught component of the course providing the Court of Examiners is satisfied that there is evidence of work of sufficient merit in all other modules.

A candidate who fails to pass two or more modules will be required to withdraw from the programme.

To proceed to the individual research project component of the course, the candidate must satisfy the examiners by:

(i) achieving a pass (more than 50%) in the project planning module
(ii) passing the taught component of the course as outlined above

A student who passes the taught component of the course but fails the project planning module will be required to submit a revised research project proposal prior to being permitted to commence the individual research project leading to a dissertation. If the revised proposal remains unsatisfactory, the student may apply for the Postgraduate Diploma in Environmental Sciences.

To obtain a distinction, a candidate must additionally satisfy the examiners by:
(i) passing all taught modules and achieving an average mark of 70% or above for the taught component of the course
(ii) achieving a mark of 70% or above for the dissertation relating to the individual research project.

13.5 Course Director: Dr Carlos Rocha

14. Health Informatics (M.Sc./P.Grad.Dip.)

14.1 Introduction: This is a joint programme offered by the School of Computer Science and Statistics and the School of Medicine. Health Informatics is broadly concerned with the application of Information Technology in the health sector. It is a truly interdisciplinary field in which Medicine, Computer Science, Management Science, Statistics and Engineering are all represented.

14.2 Aim: The main aim of the programme is to give students from both computing and health sciences backgrounds a broad understanding of both the principles underlying the field of Health Informatics and of its practical applications. The course is intended for suitably qualified applicants currently working or aspiring to work in a position in the health sector which requires the efficient and cost effective application of information technology.

14.3 Admission Requirements: Applications will be accepted from those who:
1. hold a good honors degree in a professional (health sciences or computer engineering) discipline, or
2. hold an equivalent qualification with relevant professional experience, or
3. hold other appropriate qualifications with at least three years relevant professional experience, or
4. otherwise satisfy the course admission committee that they have the ability to complete and benefit from the course.
Applicants meeting these requirements will normally be interviewed.

14.4 Duration: The M.Sc. in Health Informatics will run over two academic years (October - June) on a part-time basis on Friday afternoons and Saturday mornings to facilitate those in full-time employment.

14.5 Course Structure: The course runs over two years part-time and consists of taught modules in year one (45 ECTS) with a research methods course (5 ECTS) and a substantial research dissertation (40 ECTS) in year two. There is a strong emphasis on practical team-based continuous assessment.

The list of year one modules currently available to students includes:
1. Introduction to Health Informatics (10 ECTS)
2. Health Information Systems (10 ECTS)
4. Multimedia (5 ECTS)
5. Introduction to Programming (5 ECTS)
6. Basic Medical Sciences (5 ECTS)
7. Imaging (5 ECTS)
8. Bioinformatics (5 ECTS)

Modules 1, 2, 3, and 4 are core, and taken by all students. The other modules are options and students are assigned to either module 5 or module 6 depending on their background, and are required to choose either module 7 or module 8. Year one thus consists of 45 ECTS. It should be noted that not all modules listed may be offered in a given academic year and may be replaced by alternatives.
Students are required to reach a full complement of 90 ECTS to be eligible for the award of the M.Sc. degree.

14.6 Assessment: The taught modules are assessed primarily by team-based project work and student presentations. To be allowed to proceed to the dissertation year leading to the degree of Master in Science (Health Informatics) candidates must: achieve a pass mark of 40% in each module and achieve an overall average mark of 50% on the taught component. At the annual Court of Examiners students who fail any modules may, at the discretion of the Court of Examiners, submit supplementary assessment by an appointed date or sit supplementary examinations. Supplementary results having been taken into account, candidates who satisfy the criteria outlined above may proceed to the dissertation year. Candidates whose average grade is between 40% and 49%, and who fail no more than one module, will be eligible for a Postgraduate Diploma in Health Informatics but will not normally be allowed to proceed further.

M.Sc. candidates will in addition complete a research methods module and a substantial research project and submit a dissertation of approximately 20,000 words. To satisfactorily complete a dissertation, students must submit their dissertation by the prescribed date and must obtain a passing mark.

The examinations, coursework and dissertation are subject to external review.

14.7 Course Director: Dr Lucy Hederman

15. High Performance Computing (M.Sc./P.Grad.Dip.)

15.1 Introduction: This is a one-year taught course organised by the School of Mathematics. It aims to provide training in modern applications of high performance computing for graduates of disciplines with a strong mathematical base. Application areas include product development and design in a variety of industrial sectors where computer simulations play an important part, extraction of trends and making predictions from data in the financial or marketing areas, telecommunications, and pure research in several fundamental areas of science.

15.2 Admission Requirements: Applicants should normally have a first class or second class (upper division) degree in a subject with a significant mathematical component and should have some knowledge of computing. The course is appropriate for new graduates and for those working in relevant applications areas.

15.3 Course Structure: The course is a full-time course, lasts one calendar year from October and consists of course-work, laboratory work and supervised project in one of the application areas. The modules on offer will normally include optional components in a variety of application areas, some given by other departments in College and by professionals in relevant areas. The project may be supervised by staff from the various departments of College where techniques treated in the course are used in research.

15.4 Assessment: Course-work is examined in May/June end of year examinations and the laboratory work by continuous assessment. A dissertation describing the project work should be completed by the end of August for examination in September. To be awarded an M.Sc. degree, students must satisfactorily complete 90 ECTS-worth of modules as follows:

1. High Performance Computing Technology (10 ECTS): lectures dealing with both hardware and software.
2. Supervised Laboratory (15 ECTS): practical use of High Performance Computing implementing coding techniques and algorithms covered in other modules, examined by continuous assessment.
3. Applications for High Performance Computing Technology (5 ECTS): consisting of a seminar series by speakers who apply the technology in their work; the module is
examined on the basis of two submitted technical essays of approximately 2,500 words each.

4. Major General Techniques for Mathematical Simulation (10 ECTS): includes the major linear algebra algorithms and discretisation schemes for numerical solution of partial differential equations.

5. Optional modules in various application areas selected to the value of 20 ECTS:
   a) Stochastic methods (5 ECTS)
   b) Advanced Stochastic Methods (5 ECTS)
   c) Financial Applications (5 ECTS)
   d) Information Theory (5 ECTS)
   e) Quantum Computation (10 ECTS)
   f) Statistical Physics (10 ECTS)
   g) Electronic Structure (5 ECTS)
   h) Quantum Field Theory (10 ECTS)
   i) Computational Quantum Chemistry (5 ECTS)
   j) Individual Reading module (5 ECTS)
   k) Individual Research module (10 ECTS)

The availability of the optional modules depends on the resources available in a given year. Students choose their options in consultation with the course director.

6. A research project leading to a Dissertation (30 ECTS)

If exceptional circumstances have arisen during the year to make it impossible to undertake the project, a student registered for the Masters course may apply for a Postgraduate Diploma in High Performance Computing. Approval would depend on successful completion of the course and laboratory work and a recommendation for the award of the Postgraduate Diploma by the examiners. Any student, who is awarded the Postgraduate Diploma, automatically forfeits progression to the M.Sc. at any later stage.

15.5 Course Co-ordinator: Dr Michael Peardon

16. Integrated Systems Design (M.Sc./P.Grad.Dip.)
(There is no intake in 2009/10)

16.1 Introduction: This course is run by the Electronic and Electrical Engineering Department and is intended for suitably qualified applicants currently employed in the Information Engineering sector, particularly those involved in design.

16.2 Admission Requirements: Admission is normally open to graduates who have achieved an upper second class honors degree, or higher, in a primary degree or who possess qualifications of equivalent professional standing and satisfy the course director of their suitability for this course. Preference will be given to those with at least one year’s experience in an industry related to the course material. Applicants meeting the necessary requirements may be interviewed.

16.3 Duration: Two years, part-time. The course will run provided there are sufficient numbers of suitable applicants.

16.4 Course Structure: The course consists of a taught component and a substantial research dissertation of at least 18,000 and not more than 25,000 words. The taught component in both years covers the following areas: Signal Processing, Communications, Design Issues for System on a Chip, and example material from UMTS, MPEG4. Students register on the Masters programme in the first instance.

16.5 Assessment: Taught courses are assessed using a variety of techniques including written examinations, class assignments, presentations and laboratory sessions. Candidates who complete the first year satisfactorily (at least 50% overall mark) will be eligible for the award of a Postgraduate Diploma. Those opting for the award of the postgraduate diploma will not then be eligible to proceed to the M.Sc. at any later stage.
Candidates must achieve a mark of 50% on the taught component to be allowed to proceed to the research component leading to the degree of Masters of Science. Neither the degree nor the diploma will be graded. The dissertation is subject to external review.

16.6 Course Director: Professor Anil Kokaram

17. Interactive Digital Media (M.Sc.)

17.1 Admission Requirements: Applications will be accepted from good honors graduates in any discipline, or with relevant work experience. The creative and academic ability of selected applicants will be assessed from submitted applications. Mathematical and problem solving ability will also be taken into consideration when assessing the applications.

17.2 Duration: The course is one year, full-time.

17.3 Course Structure: The course will be run over a twelve month period. Lecture courses will be given throughout the three terms and examinations will take place in May/June. Students will undertake significant course-work during the academic year. Starting in Hilary term, each student proposes a multimedia final project which leads to a multimedia installation in September. This project can be undertaken individually or collaboratively with other students from the class. A dissertation must be submitted by the end of March on an approved research topic by each student. The list of modules currently available to students includes:
1. Programming for Multimedia (10 ECTS)
2. Multimedia Authoring (10 ECTS)
3. Contextual Media (10 ECTS)
4. Audio, Video and Sensor Technologies (10 ECTS)
5. Image Processing (10 ECTS)
6. Research Paper (10 ECTS)

All modules are core, and taken by all students. Students are required to reach a full complement of 90 ECTS to be eligible for the award of the M.Sc. degree. Not all modules listed may be offered in a given academic year and may be replaced by alternatives.

17.4 Assessment: There are three examinable elements to this course: the five taught modules (50 ECTS), the Research Paper (10 ECTS) and the Research Project (30 ECTS). Each student must pass each examinable element of this course for which the pass mark is 40%. Any student who does not achieve a pass mark in either the examinations or the Research Paper will not be allowed to proceed to the Research Project. The research project for this course is assessed in compliance with research dissertation regulations. Supplemental examinations are not offered. The examinations, Research Paper and Research Project are subject to external review.

17.5 Course Director: Professor Marie Redmond


18.1 Introduction: This course aims to provide the student with the knowledge and skills to undertake senior professional managerial roles within the Information Technology Sector. It brings together the latest research coupled with best internationally accepted management practice and relates these to the needs of today’s organisation. The emphasis in the first year is on research-informed practice and includes a formal academic module. The emphasis in the second year is on academic research, but it also includes a module on innovation and enterprise.
18.2 **Admission Requirements**: Applicants for this course must normally hold a good honors degree (upper second class or higher) in computer science, information systems, information technology, business and information technology, computer engineering or a cognate discipline. Relevant professional experience is also desirable. Applicants may be interviewed.

18.3 **Duration**: Two years, part-time evening programme, to facilitate those in full-time employment.

18.4 **Course Structure**: The course consists of a taught component and a substantial research project resulting in a dissertation of approximately 15,000-20,000 words. The list of modules and their credits is as follows:

**Year 1**
1. Strategic Systems Planning for Information Systems (10 credits)
2. Social and Organisational Impact of Information Systems (15 credits)
3. Managing the ICT Supplier Environment (10 credits)
4. Managing the ICT Customer Environment (10 credits)

**Year 2**
1. Innovation and Entrepreneurship (10 credits)
2. Research Methods and dissertation (35 credits)

18.5 **Assessment**: First year courses are assessed by written examinations and coursework assignments. Second year courses are assessed by coursework assignments only. Students who fail an examination may repeat the examination once only. Students who fail a coursework assignment may repeat the coursework assignment only once. These students may then proceed to complete the M.Sc. subject to passing the written examinations/coursework assignments. Each student must submit a satisfactory proposal in order to progress to the Dissertation stage. Candidates who have successfully completed year one of the programme and do not wish to proceed to the full degree, may elect to be awarded a Postgraduate Diploma in the Management of Information Systems. Once awarded a diploma, candidates will not be permitted to present for the M.Sc. degree.

19. **Mechanical Engineering (M.Sc.) Erasmus Mundus**

19.1 **Admission Requirements**: The course is open to holders of a good honors degrees in engineering or physical science subjects and will extend over a period of 2 years.

19.2 **Course Content**: Substantial project plus prescribed modules (including language training) from the 4th and 5th years of the professional engineering programmes of the partner institutions (Trinity College, INSA de Lyon and the Escola Tecnica Superior d’Enginyeria Industrial de Barcelona (E.T.S.E.I.B.))

19.3 **Assessment**: Students complete one year of their programme at Trinity College and one year at one of the other partner institutions. Progression to the second year is conditional upon satisfying the examiners at the end of the first year. The degree is conferred on those who satisfy the examiners at both institutions.

19.4 **Course Director**: Dr Craig Meskell
20. Technology and Learning (M.Sc./P.Grad.Dip.)

20.1 Introduction: This course is run jointly by the School of Education and the School of Computer Science and Statistics and is intended for those whose work involves using information technology in the pedagogical process. Graduates of the course should be able to play a leadership role in the use of I.T. to support learning in both formal and informal educational settings.

20.2 Admission Requirements: Admission is normally restricted to graduates who have achieved an upper second class honors degree, or higher, in a primary degree. Where applicants do not have an upper second class honor in their degree substantial relevant experience may be taken into account. Preference will be given to applicants with at least 3 years experience. A qualification in Computer Science is not required but applicants are expected to be computer literate. Applicants meeting the necessary requirements will normally be interviewed.

20.3 Duration: Two years, part-time.

20.4 Course Structure: The course runs over two years part-time and consists of a taught component in year one with a substantial research dissertation (40 ECTS) in year two. Course modules will cover research methods and a range of topics of relevance to the design, implementation and evaluation of technology enhanced learning scenarios. There is a substantial research project at the end of year 1 (15 ECTS) where students must carry out a piece of substantive research in the area of design, use and evaluation of advanced I.T. based techniques in a learning environment. The list of modules currently available to students includes:

1. Pedagogy and ICT (10 ECTS)
2. Technologies for Learning (10 ECTS)
3. Multimedia for Learning (10 ECTS)
4. Research Methods (5 ECTS)

All modules are core, and compulsory for all students. Students are required to reach a full complement of 90 ECTS to be eligible for the award of the M.Sc. degree. Not all modules listed may be offered in a given academic year and may be replaced by alternatives.

20.5 Assessment: The taught components are assessed primarily by project work and student presentations. To be allowed to proceed to the research component leading to the Master's degree in Technology and Learning candidates must: achieve a mark of 50% on the end of year project; achieve a pass mark of 40% on all other assessments; achieve an overall average mark of 50% on the taught component. At the annual Court of Examiners students who fail any assessments may, at the discretion of the Court of Examiners, re-submit the failed assessment by an appointed date. Re-submissions having been taken into account: candidates who satisfy the criteria outlined above may proceed to the dissertation year; candidates whose average grade is between 40-49%, and who fail no more than one assessment, will be eligible for a Postgraduate Diploma in Technology and Learning but will not be allowed to proceed further. All assessments and the dissertation are subject to external review. The pass mark in the dissertation year is 50%.

20.6 Course Director: Mr Brendan Tangney
M.Phil. courses

21. Music and Media Technologies (P.Grad.Dip./M.Phil.)
(Run jointly with the School of Drama, Film and Music)

21.1 Introduction: This course provides an exposure to a broad spectrum of music technology related subjects ranging from computer music and multimedia through to audio engineering and production. The primary objective of the course is to encourage creative musical and audio activities through the medium of digital technologies.

21.2 Admission Requirements: This course is open to holders of good honors degrees (preferably, but not necessarily) in music, engineering or science. Candidates holding degrees in disciplines other than music must also have suitable music qualifications which will be assessed at an entrance test. Consideration will also be given to mature students with relevant industrial experience and suitable music qualifications. However, irrespective of entry qualifications, progression to the second (Masters) year of the course requires an upper second class honors standard or higher in the first year examinations.

21.3 Duration: The Postgraduate Diploma course is a full-time course for one academic year; the M.Phil. course is a full-time, two academic year course for those students who attain an appropriate standard (see 21.2 above) in the first year examinations. Students register on the Postgraduate Diploma course in the first instance. Only those students who successfully complete the first year of the course and do not proceed to the second year of studies for the M.Phil. will be awarded the Postgraduate Diploma.

21.4 Course Structure: The courses to be undertaken are structured in two semesters per year (full-time for one academic year for the Postgraduate Diploma course; full-time for two academic years for the M.Phil. programme). The first year of study is common to both programmes.

Postgraduate Diploma Course – Year 1 (60 ECTS)
Semester 1 (30 ECTS)
- Music and Audio Fundamentals and Training (10 ECTS)
- Applications of Technologies in Music, Audio and Image Production (10 ECTS)
- Theoretical Foundations of Music, Audio and Media Technologies (10 ECTS)

Semester 2 (30 ECTS)
- Computer-Aided Composition in Music and Image (10 ECTS)
- Music and Audio Production Technologies (10 ECTS)
- New Media Production Technologies (10 ECTS)

M.Phil. Course – Year 2 (60 ECTS)
Semester 1 (30 ECTS)
Students are required to complete a Preliminary Research module (5 ECTS) and five modules (5 ECTS each) from the following list:
- Composition for Mixed Media (5 ECTS)
- Electroacoustic Composition (5 ECTS)
- Digital Signal Processing (5 ECTS)
- Advanced MAX/MSP (5 ECTS)
- Music Cognition and Design (5 ECTS)
- Music Theory and Aural Training (5 ECTS) *
- Music and Image (5 ECTS)
- Advanced Audio Production (5 ECTS)
- Multichannel Audio Technologies (5 ECTS)

(* this module is compulsory for students wishing to take the Composition for Mixed Media module in year 2 of the M.Phil. However, students who demonstrate proficiency in this subject may be granted exemption)
Postgraduate Diplomas

Some Masters courses have the option of a Postgraduate Diploma in cases where the taught course has been satisfactorily completed but a dissertation has not been submitted. Such P.Grad.Dip. courses are not detailed below as they are not open to entry as separate options from their parent Masters course i.e. students apply for entry to the appropriate Masters course.


22.1 Introduction: The aim of this Diploma course is to provide a good understanding of all the issues related to the repair and conservation of existing fabrics, both modern and traditional.

22.2 Admission Requirements: An honors degree in civil engineering or equivalent professional qualification.

22.3 Duration: The duration of this course is one academic year.

22.4 Course Structure: The course consists of six taught modules, worth 5 ECTS each, and one individual project worth 15 ECTS. The modules are:
1. Research and documentation; the built heritage; legislation and economics;
2. Building surveying and recording;
3. Building stone and clay brick; metals; timber and roofing materials;
4. Building limes and cements; concrete;
5. Construction technology; project management;
6. Damage and repairs to masonry and building elements; case studies;
7. Project.

Lectures are normally held on Friday evenings and Saturday mornings each week throughout the two semesters (September to April)

22.5 Assessment: The award of a Postgraduate Diploma in Applied Building Repair and Conservation is based on a combination of the results of two examination papers and a research thesis. Each paper constitutes one third and the thesis the remaining third of the overall assessment. Students must pass each paper and the thesis. There is no system of compensation. The pass mark for the examinations and the thesis is 40%. A Distinction is awarded to those who obtain an overall average mark of 70% or more at the summer examinations. The annual examination will be held in May and June, with a supplemental examination in September. All students are required to sit the annual examination in May/June, unless permission to defer is received from the Dean of Graduate Studies.

22.6 Course Director: Dr Sara Pavia

23. Biodiversity and Conservation (M.Sc./P.Grad.Dip.)

Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See Entry 4 above.
24. Bioengineering (M.Sc./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See Entry 5 above.

25. Chemical and Biological Techniques (M.Sc./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See Entry 6 above.

26. Civil Engineering (M.Sc./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See Entry 7 above.

27. Computer Science (Interactive Entertainment Technology) (M.Sc./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See Entry 8 above.

28. Computer Science (Mobile and Ubiquitous Computing) (M.Sc./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See Entry 9 above.

29. Computer Science (Networks and Distributed Systems) (M.Sc./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See Entry 10 above.

30. Computers for Engineers (P.Grad.Dip.)

30.1 Introduction: This is a one-year postgraduate course for engineers and graduates in related disciplines on problem solving and programming. A procedural programming language such as C will be covered in detail. Object Orientated Programming will be covered using an appropriate language such as C++ or Java as a vehicle. There will be an introduction to computer networks, databases and operating systems with an emphasis on the internet and the World Wide Web.

30.2 Admission Requirements: Applicants must have fulfilled the academic requirements necessary for full membership of the Institution of Engineers of Ireland. In some circumstances candidates with a technical degree and a good working knowledge of computers will also be accepted onto the course.

30.3 Duration: This is a part-time course with two hours of lectures and tutorials per week over three terms.

30.4 Structure: Procedural programming will be covered in the first term. The second term will concentrate on networking operating systems and databases, and Object Orientated programming will be covered in the third term.

30.5 Assessment: Assessment will be by written examination and coursework. 20% of the overall mark will be awarded for coursework. The overall pass mark is 40%.

30.6 Course Director: Professor Pádraig Cunningham

169

31.1 *Introduction:* This postgraduate diploma course is designed to enable the students to acquire knowledge of construction law equivalent to that required by a competent arbitrator, adjudicator or administrator.

31.2 *Admission Requirements:* The normal entry requirement for this course is a degree in civil engineering or another suitable professional qualification, including a law qualification.

31.3 *Duration:* The duration of this course is one academic year.

31.4 *Course Structure:* The course consists of six taught modules, worth 5 ECTS credits each, and three individual projects together worth 15 ECTS credits. The modules are:

1. Introduction to legal systems and methods; the Irish litigation process; the law of evidence
2. The law of tort; the law of contract
3. Contracts in construction - procurement methods, engineering and building contracts
4. Contracts in construction - tenders, claims, subcontracts; public procurement; contracts for other professions
5. Risk and insurance; sureties; statutory duties; professional relationships, duties and liabilities
6. Methods of dispute resolution
7. Projects

A series of special lectures on construction methods, codes and terminology may be provided as an alternative for some of the lectures on the basic aspects of law for those with law qualifications.

Lectures are normally held on Friday evenings and Saturday mornings each week throughout the two semesters (September to April) with some lectures scheduled for Friday afternoons.

In addition to attending lectures, students are required to participate in workshops and submit coursework, which comprise an important part of the course.

31.5 *Assessment:* Assessment is by examination and coursework. The examinations, consisting of two papers, are held in May/June. Both papers and the coursework must be passed. The pass mark is 40%. Each examination paper and the coursework constitutes one-third of the overall assessment for the course.

31.6 *Course Co-ordinator:* Dr Niamh Harty

32. Environment and Development (M.Sc./P.Grad.Dip.)

Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See Entry 12 above.

33. Environmental Engineering (P.Grad.Dip.)

33.1 *Introduction:* This postgraduate diploma course is designed to provide engineers and other suitably qualified graduates with a sound knowledge and understanding of present day practice in environmental engineering. The course has been developed so as to have special relevance to local authority and state sector engineers as well as those involved with environmental management.
33.2 **Admission Requirements:** The normal entry requirement for this course is a degree in engineering or cognate discipline.

33.3 **Duration:** The duration of this course is one academic year.

33.4 **Course Structure:** The course consists of six taught modules, worth 5 ECTS each, and six individual projects together worth 15 ECTS. The modules are:
   1. Environmental engineering and regulation, EIA and EIS;
   2. Hydrology and hydrogeology;
   3. Water and wastewater engineering;
   4. Air quality and noise monitoring and management;
   5. Waste management;
   6. Energy and fire engineering;
   7. Project.
Lectures are normally held on Friday evenings and Saturday mornings each week throughout the two semesters (September to April), with some field or site visits scheduled for Saturday mornings. In addition to attending lectures, students are required to prepare and submit individual original pieces of coursework relating to the subject matter of each of the modules, involving design calculations or analysis.

33.5 **Assessment:** Assessment is by examination and coursework. The examinations, consisting of two papers, are held in May/June. Both papers and the coursework must be passed. The pass mark is 40%. Each examination paper and the coursework constitutes one-third of the overall assessment for the course.

33.6 **Course Co-ordinator:** Mr Paul Johnston

34. **Environmental Sciences (M.Sc./P.Grad.Dip.)**
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See Entry 13 above.

35. **Fire Safety Practice (Buildings and other Structures) (P.Grad.Dip.)**
35.1 **Introduction:** This postgraduate diploma course is designed to enable engineers, architects, fire prevention officers and other suitably qualified professionals to acquire a sound knowledge of the important aspects of fire safety practice in buildings and other structures.

35.2 **Admission Requirements:** The normal entry requirement for this course is a degree in civil engineering or architecture or another suitable professional qualification.

35.3 **Duration:** The duration of this course is one academic year.

35.4 **Course Structure:** The course consists of six taught modules, worth 5 ECTS each, and two individual projects together worth 15 ECTS. The modules are:
   1. Fundamentals of fire science and fire engineering;
   2. Fire safety engineering;
   3. Active fire protection systems;
   4. Legal principles: fire, safety and health legislation; insurances;
   5. The Building Control Act, 1990 and building regulations;
   7. Project.
Lectures are normally held on Friday evenings and Saturday mornings each week throughout the two semesters (September to April), with some lectures scheduled for Friday afternoons. In addition to attending lectures, students are required to prepare and submit individual original pieces of coursework involving the design of fire safety systems.
and the development of a strategy for a project that assists negotiations with the fire authorities for acceptance.

35.5 Assessment: Assessment is by examination and coursework. The examinations, consisting of two papers, are held in May/June. Both papers and the coursework must be passed. The pass mark is 40%. Each examination paper and the coursework constitutes one-third of the overall assessment for the course.

35.6 Course Co-ordinator: Dr Trevor Orr

36. Health and Safety in Construction (P.Grad.Dip.)

36.1 Introduction: This postgraduate course is designed to enable civil engineers and other construction professionals to become familiar with the latest developments in Health and Safety legislation and practice. In addition, the course will provide them with knowledge to perform the roles of Project Supervisor, Health and Safety Co-ordinator, Safety Advisor and Safety Officer. The issue of Health and Safety related competency in design and on construction sites is comprehensively dealt with in this programme.

36.2 Admission Requirements: A degree in civil engineering or equivalent professional qualification.

36.3 Duration: The duration of this course is one academic year.

36.4 Course Structure: The course consists of six taught modules, worth 5 ECTS credits each, and three individual projects together worth 15 ECTS credits:

1. Health and safety legislation and legal framework;
2. Risk management for design and construction;
3. Construction regulations;
4. Other relevant legislation;
5. Health and safety management and training;
6. Health and welfare issues; physical and chemical agents – regulations and controls;
7. Project.

Lectures are normally held on Friday evenings and Saturday mornings each week throughout the two semesters (September to April) with some lectures scheduled for Friday afternoons. In addition to attending lectures, students are required to prepare and submit individual and group original pieces of coursework involving risk assessment and safety and health planning.

36.5 Assessment: Assessment is by examination and coursework. The examinations, consisting of two papers, are held in May/June. Both papers and the coursework must be passed. The pass mark is 40%. Each examination paper and the coursework constitutes one-third of the overall assessment for the course.

36.6 Course Co-ordinator: Dr Niamh Harty

37. Health Informatics (M.Sc./P.Grad.Dip.)

Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See Entry 14 above.

38. High Performance Computing (M.Sc./P.Grad.Dip.)

Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See Entry 15 above.

172
39. Highway and Geotechnical Engineering (P.Grad.Dip.)

39.1 Introduction: This postgraduate diploma course is designed to provide the specialised knowledge to enable a graduate engineer plan, locate, design, construct and manage roads.

39.2 Admission Requirements: The normal entry requirement for this course is a degree in civil engineering.

39.3 Duration: The duration of this course is one academic year.

39.4 Course Structure: The course consists of six taught modules, worth 5 ECTS each, and one individual project worth 15 ECTS. The modules are:
   1. Pavement materials and thickness design;
   2. Cost estimation;
   3. Geometric design;
   4. Project management;
   5. Geotechnical engineering;
   6. Traffic operation and control.
   7. Project.

Lectures are normally held on Friday evenings and Saturday mornings each week throughout the two semesters (September to April). The project should be on a topic related to the course and approved by the course director. In addition to attending lectures, students are required to prepare and submit individual and group original pieces of coursework involving risk assessment and safety and health planning.

39.5 Assessment: Assessment is by examination and coursework. The examinations, consisting of two papers, are held in May/June. Each student must submit a report on their project. Both papers and the project report must be passed. The pass mark is 40%. Each examination paper and the project report constitute one-third of the overall assessment for the course.

39.6 Course Director: Dr Jim McElvaney

40. Integrated Systems Design (M.Sc./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See Entry 16 above.

41. Management of Information Systems (M.Sc./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See Entry 18 above.

42. Music and Media Technologies (P.Grad.Dip./M.Phil.)
See Entry 21 above. Students register on the Postgraduate Diploma in the first instance.

43. Physical Planning (P.Grad.Dip.)
(There is no intake in 2009/10)

43.1 Introduction: This postgraduate diploma course is designed to enable those who have some role in the planning and designing of the physical infrastructure, particularly those working for county councils and local authorities, to acquire a sound basic knowledge of planning and understanding of the role of all professional bodies involved in planning the physical infrastructure.
43.2 Admission Requirements: The normal entry requirement for this course is a degree in civil engineering or another suitable qualification.

43.3 Duration: The duration of this course is one academic year.

43.4 Course Structure: The course consists of six taught modules, worth 5 ECTS each, and one individual project worth 15 ECTS. The modules are:
   1. Planning theory and control;
   2. Planning practice;
   3. Transportation and computer methods;
   4. Law and economics;
   5. Environment; waste; water; ground and minerals;
   6. Sociology; psychology; politics and the media;
   7. Project.

Lectures are normally held on Friday evenings and Saturday mornings each week throughout the three teaching terms (October to May). The project should be on a topic related to planning approved by the course director.

43.5 Assessment: Assessment is by examination and dissertation. The examinations, consisting of two papers, are held in May/June. Each student must submit a report on their project. Both papers and the project report must be passed. The pass mark is 40%. Each examination paper and the project report constitute one-third of the overall assessment for the course.

43.6 Course Co-ordinator: Dr Trevor Orr

44. Project Management (P.Grad.Dip.)

44.1 Introduction: This postgraduate diploma course is designed to provide engineers and other suitably qualified graduates with a sound knowledge and understanding of all aspects of project management in civil engineering and construction.

44.2 Admission Requirements: The normal entry requirement for this course is a degree in engineering, architecture or quantity surveying. A small number of places are available for applicants without these particular qualifications but with other relevant qualifications and experience. These places will be offered on the basis of interviews normally held in the spring.

44.3 Duration: The duration of this course is one academic year.

44.4 Course Structure: The course consists of six taught modules, worth 5 ECTS each, and two individual projects together worth 15 ECTS. The modules are:
   1. Project management principles and practice;
   2. Contracts and tendering procedures;
   3. Employment legislation and industrial relations;
   4. Project accounting and cost control;
   5. The computer and IT in project management;
   6. Human resources management; health and safety; insurances;
   7. Project.

Lectures are normally held on Friday evenings and Saturday mornings each week throughout the two semesters (September to April). Coursework, involving use of project management software on the College computers, is an integral part of the course that takes place on some Friday evenings.

44.5 Assessment: Assessment is by examination and coursework. The examinations, consisting of two papers, are held in May/June. The project management software coursework is assessed by means of information technology assessment exercises. Both
papers and the coursework must be passed. The pass mark is 40%. Each examination paper and the coursework constitute one-third of the overall assessment for the course.

44.6 Course Co-ordinator: Dr Trevor Orr

45. Specialised Technology (P.Grad.Dip.)

45.1 From time to time as opportunity arises, specialised courses in specific technological subjects will be made available (see Entry 3 above). In certain instances such courses may lead to the award of a Postgraduate Diploma to participants who hold an engineering degree or equivalent qualifications.

46. Statistics (P.Grad.Dip.)

46.1 Introduction: This course is intended for graduates in any discipline who need to apply statistical methods in research or related contexts.

46.2 Admission Requirements: Applications will be considered from graduates in any discipline who have some background in mathematics. Further information may be obtained from the Department of Statistics. Applications for admission should be made to the Department of Statistics.

46.3 Course Structure: The diploma consists of a base module and a series of elective modules. To obtain the diploma participants must pass the base module and two elective modules within two academic years. The list of modules currently available to students includes:

1. Base Module (15 ECTS)
2. Introduction to Regression (10 ECTS)
3. Design and Analysis of Experiments (10 ECTS)
4. Survey Design (10 ECTS)

Module 1 is core, and taken by all students. The other modules are options and students are required to choose 2 out of the 3 currently available. Students are required to reach a full complement of 35 ECTS to be eligible for the award of the postgraduate diploma. It should be noted that not all modules listed may be offered in a given academic year and may be replaced by alternatives.

46.4 Examination: Each module will be examined separately. The form of the examination may vary from module to module and may include assignments, written examinations or both. Written examinations will take place in the breaks between terms and in May / June.

Subject to the recommendation of the examiners a student who fails the examination for a module may be allowed a supplemental examination. If required, supplemental written examinations will be held for all modules in September.

46.5 Course Director: Mr Eamonn Mullins

47. Technology and Learning (M.Sc./P.Grad.Dip.)

Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See Entry 20 above.

48. Continuing Education Programme in Statistics

48.1 Introduction: The Department has established a Continuing Education Programme the purpose of which is to make available to graduates and others a range of courses
oriented towards problem solving and decision making involving the methods of Statistics and Management Sciences. The Postgraduate Diploma in Statistics forms part of this programme. In addition, the department offers a range of short courses. Courses currently on offer include industrially oriented courses on Statistical Quality Control and Experimental Design, Modelling for Business Decisions and a range of courses on various aspects of Medical Statistics.
6(c). Faculty of Health Sciences

1. Doctor in Medicine (M.D.)

1.1 Candidates for the M.D. degree must be M.B. graduates (or acceptable equivalent) of at least 3 years standing. A candidate must either be a graduate of the University of Dublin or have been for at least one year prior to registration a full-time or part-time member of staff of the College, or a formally appointed Research Fellow of the College or a Registrar in one of the teaching hospitals with which the College has a formal association. Application must be made on the official form which may be obtained from the Graduate Studies Office.

1.2 Candidates must receive the approval of the Professional Higher Degree Committee of the School of Medicine, through the Dean of Graduate Studies, for a statement describing the research work which it is proposed to submit, the names of the hospital or department in which the work is being, or has been, done and the names of collaborators, if any. Candidates will also be required to make a statement to the effect that they have read the document 'Doctor in Medicine (M.D.) Guidelines for Candidates' and that the proposal is within the guidelines set out in this document (Copies of this document are available from the Faculty Office, Health Sciences).

1.3 In the case of candidates who are not graduates of the University of Dublin, it will be required that the bulk of the research work which is eventually submitted will have been carried out by them while on the staff of the College or of the Hospital, as the case may be.

1.4 After being informed by the Dean of Graduate Studies that they have been accepted for registration, candidates must pay the fees required and register within the required time on an annual basis.

1.5 The minimum period of research before which a thesis can be submitted is one year from the date of registration, and the maximum period five years. The examiners may require a candidate to attend for a viva voce examination.

Two bound copies of the thesis, typewritten or printed, must be sent to the Graduate Studies Office. Information about the presentation of the thesis is available from the Graduate Studies Office.

1.6 In the special case of a distinguished graduate of the University of Dublin who wishes to submit a thesis for the degree of M.D. which is based solely on published work, which must relate to a single theme, the Dean of Graduate Studies may waive the requirement concerning admission to the M.D. register and hence the normal regulations regarding minimum time on the register before submitting a thesis would not apply.

2. Professional Doctorate in Dental Surgery (D.Ch.Dent.)

2.1 Admission Requirements: Applicants for the degree must have held a recognised degree in dentistry for at least two years and have documented evidence of having completed a period of general professional training, including one year in a recognised training post. Candidates are normally expected to possess an MFD/MFDS or equivalent.

2.2 Duration: The course of study will be three years, full time or five years, part-time.

2.3 Assessment: A student is required to attend a course of study and to pass written and clinical examinations in the specialist area chosen. Currently the specialist courses are: Oral Surgery, Orthodontics, Prosthodontics, Paediatric Dentistry, Periodontology and Special Care Dentistry. The student will also be required to attend a course in Advanced Dental Science common to all the disciplines’ courses. The main topics of the Advanced Dental Science Course are: Biomedical Sciences, Oral and Related Systemic Disease, Applied Scientific Method, Ethics and Behavioural Sciences.
In addition to the course of study and examinations, a student must present a thesis based on a piece of research in Dental Science or a cognate discipline carried out within the School of Dental Science by the candidate individually or as one of a research team. The contribution made by the student to group research activities must be clearly stated in the thesis and must be substantial.

The Director of Teaching and Learning (Postgraduate) of the School of Dental Science, on the advice of the appropriate Head of Division will assign an academic Supervisor to each student for their research project.

By September 30th of the final year of the course of study, a student must submit two bound and printed copies of the thesis to the Dean of Graduate Studies not later than three years (five years in the case of part-time students). The student will normally be asked to attend a viva voce examination on the subject matter of the thesis.

A Professional Doctorate in Dental Science is awarded on passing all components of the course and successfully submitting the completed thesis.

A student whose progress is unsatisfactory either academically or clinically, may be excluded from any further participation on the course at any time by the Dean of Graduate Studies, who will act in Consultation with the Dean of the Dental School and Director of Teaching and Learning (Postgraduate) of the School of Dental Science on the advice of the appropriate Head of Division and the Course Director.

2.4 Director of Teaching and Learning (Postgraduate): Ms Anne O’Connell

3. Master in Dental Science (M.Dent.Sc.)

3.1 A candidate for the degree of M.Dent.Sc. must:
   1. Hold the degree of Bachelor in Dental Science of the University of Dublin, or hold the degree of Bachelor in Dental Surgery of the National University of Ireland, having trained at the University College Dublin, or hold the Licentiate in Dental Surgery of the Royal College of Surgeons in Ireland, or
   2. Have been the holder of a primary dental qualification and for at least one year prior to registration have been a full-time or part-time member of staff of the College, or a formally appointed Research Fellow of the College, or have held an appointment in one of the teaching hospitals with which College has a formal association.

3.2 A candidate who is not a graduate of the University of Dublin (or of the National University of Ireland or the Royal College of Surgeons of Ireland, as provided for above), must carry out the greater part of the research while on the staff of the College or Dental Hospital.

3.3 After being informed by the Dean of Graduate Studies of acceptance for registration, a candidate must pay the fees required and register on the postgraduate register on an annual basis.

3.4 The Chairman of the Postgraduate Committee of the School of Dental Science on the advice of the appropriate Head of Division, will assign an advisor to each candidate.

3.5 A candidate must present a written report, which must take the form of a thesis based on a piece of original research in dental science or another cognate branch of learning carried out by the candidate individually or as a member of a group. The contribution made by the candidate to a group research activity must be clearly stated in the thesis and be substantial. A candidate will normally be asked to undergo a viva voce examination.
3.6 In the special case of a distinguished graduate of the University of Dublin who wishes to submit a thesis based solely on published work relating to a single theme, the Dean of Graduate Studies may, following consultation with the Chairman of the Postgraduate Committee of the School of Dental Science, waive the requirements concerning admission to the M.Dent.Sc. register. In these circumstances, the normal regulations governing minimum time on the postgraduate register before submission of the thesis would not apply.

3.7 A Candidate must furnish evidence that the requirements stated above have been fulfilled and must submit two copies of the thesis to the Dean of Graduate Studies not earlier than twelve months or later than five years after the date of registration.

3.8 Chairman of the Postgraduate Committee: Ms Anne O’Connell

4. Master in Obstetrics (M.A.O.)

4.1 A candidate for the M.A.O. degree must be an M.B. graduate (or acceptable equivalent) of at least 3 years standing. A candidate must either be a graduate of the University of Dublin or have been for at least one year prior to registration a full-time or part-time member of staff of the College, or a formally appointed Research Fellow of the College, or a Registrar in one of the teaching hospitals with which the College has a formal association. Application must be made on the official form which may be obtained from the Graduate Studies Office.

4.2 Candidates must receive the approval of the Professional Higher Degree Committee of the School of Medicine, through the Dean of Graduate Studies, for a statement describing the research work which it is proposed to submit, the names of the hospital or department in which the work is being, or has been, done and the names of collaborators, if any.

4.3 In the case of candidates who are not graduates of the University of Dublin, it will be required that the bulk of the research work which is eventually submitted will have been carried out by them while on the staff of the College or of the Hospital, as the case may be.

4.4 After being informed by the Dean of Graduate Studies that they have been accepted for registration, candidates must pay the fees required and register within the required time on an annual basis.

4.5 The minimum period of research before which a thesis can be submitted is one year from the date of registration, and the maximum period five years. The examiners may require a candidate to attend for a viva voce examination. Two bound copies of the thesis, typewritten or printed, must be sent to the Graduate Studies Office. Information about the presentation of the thesis is available from the Graduate Studies Office.

4.6 Head of Department: Professor Brian Sheppard

5. Master in Surgery (M.Ch.)

5.1 Candidates for the M.Ch. degree must be M.B. graduates (or acceptable equivalent of at least 3 years standing). A candidate must either be a graduate of the University of Dublin or have been for at least one year prior to Registration a full-time or part-time member of staff of the College, or a formally appointed Research Fellow of the College, or a Registrar in one of the teaching hospitals with which the College has a formal association. Application must be made on the Official Form which may be obtained from the Graduate Studies Office.
5.2 Candidates must receive the approval of the Professional Higher Degree Committee of the School of Medicine, through the Dean of Graduate Studies, for a statement describing the research work which is proposed to submit, the names of the hospital or department in which the work is being, or has been, done and the names of collaborators, if any.

5.3 In the case of candidates who are not graduates of the University of Dublin, it will be required that the bulk of the research work which is eventually submitted will have been carried out by them while on the staff of the College or of the Hospital as the case may be.

5.4 After being informed by the Dean of Graduate Studies that they have been accepted for registration, candidates must pay the required fees and register within the time allowed on an annual basis.

5.5 The minimum period of research before which a thesis can be submitted is one year from the date of registration, and the maximum period five years. The examiners may require a candidate to attend for a viva voce examination.

Two bound copies of the thesis, typewritten or printed, must be sent to the Graduate Studies Office. Information about the presentation of the thesis is available from the Graduate Studies Office.

5.6 A candidate for the M.Ch. who has not been admitted to Fellowship of one of the Royal Colleges of Surgeons, will not be permitted to present the thesis until s/he has been admitted. The Dean of Graduate Studies may grant exemption from this requirement in special cases; e.g. those involving obstetricians or individuals whose higher professional training has been obtained outside Ireland or the United Kingdom.

5.7 In the special case of a distinguished graduate of the University of Dublin who wishes to submit a thesis for the degree of M.Ch. which is based solely on published work, which must relate to a single theme, the Dean of Graduate Studies may waive the requirement concerning admission to the M.Ch. register and hence the normal regulations regarding minimum time on the register before submitting a thesis would not apply.

M.Sc. (St.) Courses

6. Biomedical Sciences (Intercalated) (M.Sc./P.Grad.Dip.)

6.1 Introduction: This intercalated M.Sc. in Biomedical Sciences provides medical students with the option of taking an M.Sc. after year three of the M.B. degree. At year three students will have qualified for a B.A. However, this degree is not normally awarded until the students are conferred with their final M.B. The intercalated Masters will also be conferred at this point.

6.2 Duration: One year, full-time.

6.3 Course Structure: The students will take a Core Module in Research Skills based in the School of Medicine and concurrently follow one of three specialist tracks, which will be provided by the actual modules as offered by the currently running three Masters courses (i) the M.Sc. in Molecular Medicine, (ii) the M.Sc. in Neuroscience, or (iii) the M.Sc. in Bioengineering. Students will conduct a three month research project under the supervision of a member of academic staff from the School of Medicine. Students will submit a dissertation based on their research project. A Pass mark in all three required sections (Core Module, Specialisation Track and Dissertation) will result in the awarding of M.Sc. in Biomedical Sciences. If the student does not pass the dissertation component, but successfully passes the taught components, the award of Postgraduate Diploma will be awarded.
Core Module
- Research skills (15 ECTS)

Specialisation Track Modules (Bioengineering)
- Introduction to Bioengineering Science (5 ECTS)
- Biomechanics (10 ECTS)
- Biomaterials (10 ECTS)
- Bioinstrumentation (10 ECTS)
- Cell and Tissue Engineering (5 ECTS)
- Rehabilitation Engineering (5 ECTS)

Specialisation Track Modules (Neurosciences)
- Neuropharmacology & Drug Development (10 ECTS)
- Advanced Neuroimmunology (5 ECTS)
- Neuroimaging Technology (5 ECTS)
- Current Topics & Techniques in Neuroscience (20 ECTS)
- Experimental Neuroscience (5 ECTS)

Specialisation Track Modules (Molecular Medicine)
Modules to the total value of 45 ECTS should be chosen from the following:
- Introductory cell biology and cell signalling mechanisms (5 ECTS)
- Introduction to genetics and development (5 ECTS)
- Human Genetics (5 ECTS)
- Molecular and cellular Immunology (5 ECTS)
- Molecular Oncology (5 ECTS)
- Infectious agents biological and clinical applications (5 ECTS)
- Molecular mechanisms of human disease I (5 ECTS)
- Molecular mechanisms of human disease II (5 ECTS)
- Frontiers in Molecular Medicine I (5 ECTS)
- Frontiers in Molecular Medicine II (5 ECTS)
- High Content Screening and Analysis (5 ECTS)
- Genetics in Health and Disease (10 ECTS)
- Neurobiology (5 ECTS)
- Molecular medicine diagnostic and therapeutic potential (5 ECTS)

Project Work and Dissertation (30 ECTS)

6.4 Assessment: The Core Module and Specialisation Tracks are assessed by means of Written Examinations and Assignments. General College regulations apply with regards to examinations and coursework. The student must pass all examinations and assignments. The pass mark for examinations and assignments is 50%. A dissertation relevant to the applications of Biomedical Sciences must be submitted and passed as assessed by an External examiner.

Both components (Coursework and Dissertation) must be passed for the degree of Masters in Biomedical Sciences to be awarded. No compensation between these two elements is available. Successful completion of the course work (i.e. a pass in all components), but not the dissertation, will result in a Postgraduate Diploma being awarded to the student. Should a Diploma award be made, the graduate cannot re-register for the course in order to complete it for the Masters in Biomedical Sciences degree. An external examiner monitors the assessment process.

6.5 Location: The core Research skills module and the Molecular Medicine specialist track will be taught at the Trinity Centres for Health Sciences at St. James’s Hospital. The Neuroscience specialist track will be taught at the Trinity Centre for Neuroscience (TCIN), TCD main campus. The Bioengineering specialist track is run on an all-Ireland basis with centres at Trinity College Dublin, the University of Limerick, University College Dublin and...
the University of Ulster, Coleraine. Courses will be taught partly in one-week intensive modules, for which students will visit the other centres, and partly by distance learning using the internet.

6.6 **Course Director:** Dr Aideen Long

Course Track Co-ordinators:
- **Core:** Dr Aideen Long
- **Molecular Medicine:** Dr Aideen Long
- **Bioengineering:** Dr Ciaran Simms
- **Neuroscience:** Dr Thomas Connor

7. Cardiology (M.Sc.)

7.1 **Introduction:** The course is aimed at physicians who are undertaking specialist training in Cardiology. This course is run jointly between the Trinity College School of Medicine and the Department of Cardiology, St. James's Hospital, Dublin.

7.2 **Duration:** Two years, part-time.

7.3 **Course Structure:** The course is delivered as lectures, demonstrations, seminars, practical and workshops. All students are required to attend the core curriculum of lectures during the two years with examinations at the end of each year. Practical instruction in non-invasive and invasive techniques is supervised by nominated consultants and progress is assessed by continual assessment. A dissertation project is carried out over the two-year period, and it is evaluated by an external assessor.

The core syllabus consists of the following modules:

- **Basic Sciences & Clinical Cardiology (25 ECTS)**
  A detailed review of the basic sciences as applied to cardiology and cardiovascular disease. A comprehensive course on the presentation, diagnosis and management of cardiovascular disease in adults and children.

- **Non-Invasive Cardiology (15 ECTS)**
  This section covers the broad range of non-invasive cardiological techniques including nuclear cardiology.

- **Principles of Diagnostic & Invasive Cardiology (5 ECTS)**
  This section involves theoretical and practical instruction in invasive cardiology.

- **Advanced Diagnostic & Invasive Cardiology (5 ECTS)**
  This section involves advanced theoretical and practical instruction in invasive cardiology.

- **Pacing and Electrophysiology (10 ECTS)**
  This section involves theoretical and practical instruction in pacing and cardiac electrophysiology.

- **Dissertation (30 ECTS)**
  During the first year of the lecture programme, a research project will be chosen by each student in consultation with his/her course supervisor and the course director. The dissertation must establish that a significant piece of research has been performed and reported to an acceptable standard, i.e. suitable for publication in an established, peer-reviewed journal.

**Practical Training**
For overseas full-time students practical training is organised in six blocks, each of six months duration, running in conjunction with the lecture syllabus (years one and two) and

182
the research project (year two). In the final period of training, the student will be familiarised with the details of the management of the department. Part-time students must cover these areas in their training.

The Logbook of training is a very important part of student assessment and marking.

7.4 Assessment: Students must achieve a pass mark to graduate. Both components (Coursework and Dissertation) must be passed in order for the M.Sc. to be awarded. No compensation between these two elements is allowed. Internal and external examiners assess all components of the course.

7.5 Location: The lectures will be delivered in the Postgraduate Room, The Crest Directorate, Hospital 7, St. James’s Hospital. In addition, the Anatomy lectures will be delivered in the Trinity Centre for Health Sciences, St. James’s Hospital.

7.6 Course Director: Dr Caroline Daly

8. Cardiovascular Rehabilitation and Prevention (M.Sc./P.Grad.Dip.)

8.1 Introduction: This course aims to provide health professionals with an understanding of cardiovascular rehabilitation and prevention, to prepare health professionals to provide an effective cardiac rehabilitation service, and to objectively evaluate their practice through research. It also aims to develop the health professionals' knowledge of current prevention strategies in the area of cardiovascular disease.

8.2 Course structure: The course will be either one year full-time or two years part-time. The modules are:

- Cardiovascular and Respiratory Physiology (10 ECTS)
- Exercise Prescription (10 ECTS)
- Clinical Exercise Prescription (5 ECTS)
- Research Methods and Statistics (10 ECTS)
- Cardiology (10 ECTS)
- Preventive Cardiology and Rehabilitation (10 ECTS)
- Health Policy and Management (5 ECTS)
- Research Dissertation (30 ECTS)

8.3 Assessment: Students must achieve 50% in each module, including the dissertation, of the course to fulfil criteria for the award of the M.Sc. in Cardiovascular Rehabilitation and Prevention. Students will be required to complete a research dissertation of approximately 12,000 words. This research project will be carried out in the second year for students doing the course part-time. Each student will be assigned to a supervisor who will meet with them at regular intervals. The student will be required to submit a research proposal and an ethics application prior to commencing the data collection. At the end of this module the student will present their research findings in a dissertation format and paper format. The dissertation will follow the following format: Literature review, Research Methodology, Results, Discussion. The student will also submit a report of the research in a paper format of no more than 3,500 words. If exceptional circumstances have arisen during the year to make it impossible to undertake the research dissertation, a student registered for the Masters course may apply for a postgraduate diploma in Cardiovascular Rehabilitation and Prevention. Approval will depend on successful completion of the taught elements of the course and a recommendation for the award of the Postgraduate Diploma by the examiners. Any student who is awarded the postgraduate diploma automatically forfeits progression to the M.Sc. at a later stage.

8.4 Location: The course will be based in the Trinity Centre for Health Sciences in AMNCH and the Trinity Centre for Health Sciences St James’s Hospital.
9. Child and Adolescent Psychoanalytic Psychotherapy (M.Sc.)

(There is no intake in 2009/10)

9.1 Introduction: The form of Child Psychotherapy proposed for the course is based on an application of psychoanalysis. This course has been designed to meet the rapidly growing needs for a post-qualification training in child psychotherapy with particular reference to disturbed children and adolescents. It will be particularly relevant for professionals working with disturbed children and adolescents. The aim of the course is to provide theoretical and practical training in Child and Adolescent Psychotherapy at an advanced level with particular emphasis on communication and change in individuals and groups including children, adolescents, their families, institutions and organisations.

9.2 Duration: The course is part-time and will extend over three years.

9.3 Course Structure: The formal teaching component takes place on one full day per week. The course including assessment is the equivalent of 85 ECTS. The course components include:

1. Psychoanalytic Theory (5 ECTS)
2. Clinical Concepts (5 ECTS)
3. Development and Attachment Theory (5 ECTS)
4. Child Psychiatry (5 ECTS)
5. Child and Family Work (5 ECTS)
6. Infant Observation (5 ECTS)
7. Personal Therapy (10 ECTS)
8. Supervised Clinical Work (15 ECTS)

*Course structure to be revised for the academic year 2009/10

9.4 Assessment: Academic assessment will be based on:

1. A dissertation of 12,000 - 15,000 words and oral examination (30 ECTS)
2. Term Essays, Infant Observation paper and final written examination.

9.5 Course Directors: Professor Michael Fitzgerald and Ms Sherry Doyle

10. Clinical Chemistry (M.Sc./P.Grad.Dip.)

10.1 Introduction: This M.Sc. programme in Clinical Chemistry is offered on a part-time basis over two years. All students regardless of background will gain a comprehensive understanding of the principles of Clinical Biochemistry to an advanced level.

10.2 Course Structure: Lectures, case discussions and practical instruction workshops will take place on Fridays over five terms with revision in the sixth term. The course consists of six modules worth 90 ECTS:

Clinical Chemistry 10 ECTS
Clinical Chemistry and General Paediatric Biochemistry 15 ECTS
Endocrinology and Metabolism 10 ECTS
Endocrinology and Inborn Errors of Metabolism 15 ECTS
Quality Assurance Laboratory Management 10 ECTS
Research Project 30 ECTS

Each module contains a revision element. Students will carry out research in their base laboratory for the dissertation throughout the course and will be required to submit an outline proposal for the subject of their dissertation by the end of the first term.
10.3 **Assessment:** Continuous assessment will be based on ten written assignments, two each term, and a written exam at the end of year 1 (one paper). A final written examination consisting of two written papers, a practical assessment and a viva voce will be held in the fifth term. The practical assessment will consist of short questions including clinical observations, practical findings, calculations, and other material in the format known as an Objective Structured Pathology Exercise (OSPE). Students will also need to complete and submit a research dissertation of approximately 12,000 words by September of their final year. A pass must be obtained in the dissertation in order to be awarded the M.Sc. (no compensation is allowed). The written components must also be passed, though compensation is allowed between the components, provided a minimum mark of 40% is obtained in the failed component. Students who pass all components of the assessments but who do not submit a successful dissertation may be awarded a Diploma but not the M.Sc. Use of the Diploma exit option will prevent the student from returning to the course to register to continue for the M.Sc. option at any later stage.

10.4 **Course Director:** Dr Gerard Boran  
**Course Co-ordinator:** Dr Margaret Sinnott

11. **Community Pharmacy (P.Grad.Dip./M.Sc.)**

11.1 **Introduction:** These courses are intended to help community pharmacists to develop their clinical, managerial and research skills, meet duties imposed by Clause 9 of the Community Pharmacy Contractor Agreement, extend their professional role and contribute to patient care as part of the primary health care team. Because of the distance-learning format, participants can continue in full-time employment throughout the courses.

11.2 **Admission Requirements:** Candidates must be:
1. registered (entitled to registration) as a Pharmaceutical Chemist with the Pharmaceutical Society of Ireland  
2. currently employed (full-time/part-time) in community pharmacy.

11.3 **Course Structure:** Participants initially enter at diploma level, and on successful completion of core material they may choose either to graduate with a Postgraduate Diploma in Community Pharmacy or to apply to transfer to the M.Sc. in Community Pharmacy.

Core material comprises a series of modules covering clinical, social and business aspects of pharmacy practice, with opportunities for specialisation in particular fields. Pharmacists who advance to M.Sc. level undertake an additional module on research methods and perform a research project relevant to community pharmacy practice.

11.4 **Duration:** Both courses are available on a part-time basis. The Postgraduate Diploma is conducted over two years, with one additional year for students who progress to the M.Sc.

11.5 **European Credit Transfer System (ECTS):**

<table>
<thead>
<tr>
<th>Level</th>
<th>Clinical Pharmacy</th>
<th>Social &amp; Administrative Pharmacy</th>
<th>Community Pharmacy Workshops</th>
<th>Practice-Based Workbooks</th>
<th>Research Dissertation</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Postgraduate Diploma</td>
<td>= 20 ECTS</td>
<td>= 10 ECTS</td>
<td>= 5 ECTS</td>
<td>= 25 ECTS</td>
<td>= 30 ECTS</td>
<td>= 90 ECTS</td>
</tr>
<tr>
<td>M.Sc.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The Postgraduate Diploma is the equivalent of 60 ECTS:
- Clinical Pharmacy = 20 ECTS
- Social & Administrative Pharmacy = 10 ECTS
- Community Pharmacy Workshops = 5 ECTS
11.6 Assessment: Core material is assessed on a continuous basis with written assignments and practice-based workbooks, and written examinations are held on completion of Year 1 and Year 2. M.Sc. candidates must present their research both orally and as a written dissertation (18,000 - 20,000 words).

11.7 Course Co-ordinator: Ms Sheila Ryder

12. Exercise Physiology (M.Sc./P.Grad.Dip.)

12.1 Introduction: This course aims to provide training for professional development of physical educators and health care workers who employ exercise therapy. In addition, this course would be ideal for those interested in gaining experience in assessment of exercise performance, and exercise applications in training and research. All graduates will develop an advanced understanding of how the body responds to acute and chronic exercise, in both physiological and pathological conditions, and acquire practical experience in the use of modern technologies for monitoring and assessing exercise performance.

12.2 Admission Requirements: To be eligible for admission, applicants are expected to hold a tertiary qualification, normally with some grounding in human biology. Typical candidates who achieve well on the course are employed in the field of physical education, as health professionals involved with patient management, or who have a significant personal involvement or interest in elite level exercise. Candidates with insufficient biological background may be required to undertake a lecture unit in basic physiological principles during the year before entry.

12.3 Duration: The M.Sc. in Exercise Physiology is a two-year part-time programme. Year one consists of individual modules which are usually taught on two days per week (Thursday & Friday) for the duration of the academic year (Sep-May). Year two comprises a research project to be completed over the duration of a calendar year (Sep-Aug).

12.4 Course Structure: Year one: Instruction will consist of approximately 300 contact hours devoted to taught modules comprising 60 ECTS as follows:

- Biomechanics (5 ECTS)
- Cardiovascular physiology (5 ECTS)
- Endocrine Regulation (5 ECTS)
- Exercise Training & Nutrition (5 ECTS)
- Fluids, Heat & Metabolic physiology (5 ECTS)
- Integrated Exercise Physiology (15 ECTS)
- Muscle & Nerve (5 ECTS)
- Research Skills (5 ECTS)
- Respiration (5 ECTS)
- Clinical Exercise Physiology (5 ECTS)

All modules will provide a focus on normal physiological function, pathological conditions and related aspects of exercise. Running themes throughout the course will encourage practical applications to human exercise, basics of data acquisition, recording and analysis and critical evaluation of published works. Normally lectures and workshops will take place in the mornings, with afternoons devoted to laboratory work.

Year two: The second year of the course will consist of a research project on some aspect of exercise physiology which will comprise 30 ECTS. Projects will be chosen in consultation with an expert Supervisor, with consideration being given to individual candidates’ interests. Practical work will be expected to occupy of the order of 300 hours. Organisation of the
research will be a matter of negotiation between student and Supervisor, dependent on the time commitments of each. Meetings between student and Supervisor will take place on a regular basis, usually weekly but at least once per month.

12.5 Assessment: Year one: All taught modules are assessed progressively throughout the year through a variety of formal reports, essays, practical work and through final written examinations (two 3-hour papers) held during the Annual examination period. Students must also attend a viva voce examination following the end of year written papers. Subject to the discretion of the course of examiners, academic progress into year two of the course requires that students:

   a) pass each module (pass mark 50%)
   b) achieve an overall combined grade >60% for the year

Students who pass each module (pass mark 50%) but achieve an overall combined grade <60% for the year will be offered a postgraduate diploma in exercise physiology and be required to exit the programme.

Year two: Assessment of the research project will be by dissertation which would be expected to be submitted within one year of enrolment. All dissertations are externally moderated. Students must obtain a pass to be awarded the M.Sc. degree. If students fail their dissertation they will be awarded a postgraduate diploma in exercise physiology.

12.6 Course Director: Dr Mikel Egaña

13. Gerontological Nursing (M.Sc./P.Grad.Dip.)

13.1 Introduction: The aim of this course is to strengthen and develop the knowledge, skills and attitudes of participants, thus enabling them to fulfil their highest potential in both their personal and professional lives. The students are enabled to further develop the skills necessary to critically evaluate and to undertake research which underpins nursing practice.

13.2 Admission Requirements:

1. Current registration as a nurse on the active register with An Bord Altranais;
2. A minimum of one year full-time or equivalent recent clinical nursing practice since first registration; and
3. Hold an honors degree in Nursing Studies or equivalent; or
4. Otherwise satisfy the course committee that they have the ability to complete and benefit from the course.

13.3 Duration: Two years, part-time.

13.4 Course structure: Year One: The course will commence with one full study week followed by one or two study days per week throughout the academic year. The course comprises both academic and clinical components. Each of the two components must be completed successfully. The students will be employed full-time in the Department of Medicine for Older People, St James’s Hospital, Dublin, or in other approved clinical locations.

Year two: The course will commence with one full study week followed by one to two study days per week throughout the academic year.

13.5 Modules and European Credit Transfer System (ECTS):

<table>
<thead>
<tr>
<th>Modules</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theory and Practice of Research Methods for</td>
<td>10</td>
</tr>
<tr>
<td>Health Care</td>
<td></td>
</tr>
<tr>
<td>Ethics and Law in Health Care</td>
<td>10</td>
</tr>
<tr>
<td>Advancing the Theoretical Foundations of</td>
<td>10</td>
</tr>
<tr>
<td>Gerontological Nursing</td>
<td></td>
</tr>
<tr>
<td>Contemporary Issues in Gerontological Nursing</td>
<td>10</td>
</tr>
<tr>
<td>Gerontological Nursing: Concepts and Practice</td>
<td>10</td>
</tr>
</tbody>
</table>
Developing Gerontological Nursing Practice  10
Advanced Research Methods (Qualitative OR Quantitative)  10
Clinical Practicum  10
Research Dissertation  30

The M.Sc. is the equivalent of 110 ECTS and the P.Grad.Dip. is the equivalent of 60 ECTS.

13.6  Assessment and examinations: A combination of assessment strategies is used to assess the learning outcomes for the programme. In the second year a research dissertation must be submitted. The pass mark for all assessments is 50%. Each module must be passed independently and all practice assessments must be passed without compensation. If a student fails a module on the second attempt, this indicates failure of the whole course.

13.7  Progression: All students register on the M.Sc. course in the first instance. To progress to the second year of the course students must successfully complete all the requirements of the first year. Students, who do not already hold a Postgraduate Diploma in Gerontological Nursing may, following consultation with the Course Co-ordinator, opt not to proceed to the second year of the course and be awarded the Postgraduate Diploma in Gerontological Nursing. Any student, on successful completion of all course requirements, who chooses to opt for the Postgraduate Diploma may not apply at a later date to enter the second year of the M.Sc. course.

13.8  Classification of Award: The Postgraduate Diploma may be awarded at two levels (i) Postgraduate Diploma and (ii) Postgraduate Diploma with Distinction. The M.Sc. may be awarded a mark of Distinction. The award of a taught Masters with Distinction shall require the achievement of a distinction for the dissertation, and an aggregate of a distinction in all other modules. A distinction cannot be awarded if a candidate has failed any module during the period of study.

13.9  Course Co-ordinator: Ms Anna Watson

14.  Global Health (M.Sc.)

14.1  Introduction: The M.Sc. in Global Health aims to provide graduates with a greater appreciation of the global interconnectedness of health problems and the range and depth of research methodology that can be used to work through these challenges. The course augments traditional approaches to public and international health by bringing together perspectives and insights from a range of health and social sciences in understanding and resolving the challenges of global health.

The course is particularly designed for practitioners, policy makers, health system planners, programme managers, analysts and health researchers, who wish to understand the broader and interconnecting causes of many health problems from a global perspective as well as those who aspire to build a career in the global health arena. The course aims to prepare graduates to contribute on a broader scale to the design, implementation, and management of health programmes, health systems development and health policy.

14.2  Admission Requirements: The course is intended for individuals from a wide range of disciplines and professions who wish to develop an understanding of health issues that integrate health and social science perspectives in a global context. Applicants should be graduates of a health or social science discipline and/or have relevant equivalent experience. In addition, applicants must have a demonstrated interest and/or experience in global health or health issues in developing countries.

14.3  Duration: The course is offered on a one year, full-time basis or on a two year, part-time basis.
14.4 **Course Structure:** Students must complete the equivalent of 90 ECTS to graduate: 60 ECTS for the taught component and 30 ECTS for the dissertation.

The taught component consists of compulsory modules designed to increase understanding of health determinants, health system organisation, health policy and financing, and various research methodologies and skills useful in the field of global health. In addition, students must take optional modules, which may reflect the diversity of their academic, research and career interests. Please note that not all optional modules will be available every year.

Upon completion of the modules, students will undertake and complete a programme of research leading to the writing and submission of a dissertation. The dissertation may be written following research and/or internship placement with government departments, international agencies and civil society organisations in Ireland or elsewhere.

### Compulsory Modules (40 ECTS)
- Determinants of Health (5 ECTS)
- Health Economics & Financing (5 ECTS)
- Health Policy and Systems (5 ECTS)
- Principles of Social Research (5 ECTS)
- Global Health Seminars (5 ECTS)
- Introduction Statistics and Data Analysis (5 ECTS)
- Key Skills in Global Health (10 ECTS)

### Optional Modules (20 ECTS)
- Nutrition and Global Health (5 ECTS)
- Health in Emergencies and Complex Situations (5 ECTS)
- Gender and Reproductive Health (5 ECTS)
- Frontiers of Knowledge in HIV and AIDS (5 ECTS)
- Health Informatics for Global Health (5 ECTS)
- The Dynamics of Middle and Low Income Countries' Health Services (5 ECTS)
- Culture, Empowerment and Health (5 ECTS)
- Environmental Health (5 ECTS)
- Indigenous Health Practices and Comparative Health Care (5 ECTS)
- Ethics, Human Resources and Health (5 ECTS)
- Migration, Population Movement and Global Health (5 ECTS)
- The Dynamics of International Aid for Global Health and Development (5 ECTS)
- Advocacy for Global Health: Information, Dialogue and Communication Strategies (5 ECTS)

### Project Work and Dissertation (30 ECTS)

14.5 **Assessment:** All compulsory and optional modules taken must be passed. This requires receiving a minimum of 40% in any one module and an average of 50% across all modules. Assessment of the modules will be done by assignment. Assessment of the research project will be by submission of a dissertation of a maximum of 15,000 words, which is to be submitted by September of the year of registration.

14.6 **Course Co-ordinator:** Dr Adebola Adedimeji

**15. Health Informatics (M.Sc./P.Grad.Dip.)**

See entry 14 in the Faculty of Engineering, Mathematics and Science for further details.
16. Health Services Management (M.Sc.)

16.1 Introduction: The programme harnesses the core values of commitment, caring and cooperation in professional clinical practice with management principles and methods relevant to the healthcare setting. Particular emphasis will be placed on the importance of interdisciplinary exchange within small group settings. Case studies and class discussion facilitate the application of learning and ensures that the programme imparts a theoretical framework of understanding whilst maintaining a practical focus. The programme is continually updated to reflect developments occurring within our rapidly changing healthcare environment. A key feature within our programme is the relatively small class size, which enables us to optimise learning for individual students.

16.2 Admission Requirements: The programme is intended for suitably qualified applicants currently working in positions with planning or management responsibility in health service organisations. This programme will be beneficial to those who have responsibility for the organisation and delivery of services. Applications for admission will be considered from those with health service management experience. In addition, applicants should hold a good honors degree in a professional discipline or hold other qualifications deemed appropriate by the course committee. Short listed applicants may be interviewed.

16.3 Duration: The programme commences in September and extends over two full calendar years (i.e. students are expected to complete coursework related to their dissertation over the summer periods following each academic year). Course attendance comprises of three-day blocks each month to facilitate work release.
   - Year One: September - June: Ten blocks of three days per month.
   - Year Two: September - June: Ten blocks of three days per month.
   Each course attendance day consists of six hours of lecture sessions, plus occasional workshops.

16.4 Programmes of study: The programme offers a comprehensive coverage of subjects relevant to health services management as outlined in the next section.

16.5 Course Structure: The programme comprises of 90 ECTS credits in total: 30 credits for each academic year and 30 credits for the dissertation. The breakdown of the ECTS credits is as follows:

Year One: Principles and Practice of Management (15 credits) – this comprises the following sub-modules:
   - Management and Organisational Behaviour
   - Financial Management
   - Information Management
   - Human Resource Management
   - Operations Management
Understanding the Healthcare Environment (10 credits) – this comprises the following sub-modules:
   - Health Economics
   - Population Health
   - Health Policy
   - Marketing
   - Law
   - Organisation Development
   - Research Methods (5 credits)

Year Two: Health Policy (5 credits)
   Strategic Management (10 credits)
16.6 Assessment: Candidates will be assessed by a combination of critical papers submitted throughout the programme and the writing of a dissertation, which will be 15,000-20,000 words in length.

The student must pass the required coursework in the first year and his/her dissertation proposal must be deemed acceptable prior to progression to the second year. The dissertation will involve the conduct of research in health services management and should add value to the service or organisation that is researched.

In order to obtain a distinction, the student must fulfill all of the following conditions:
(a) Achieve a pass in all assessed modules in both Year 1 and Year 2; and
(b) Achieve an average of 68% or above in at least 50 out of the total 60 ECTS credits related to coursework in both years of the programme; and
(c) Achieve 68% or above in the dissertation

Students will be allowed one re-submission in the event of a failed assignment. Students may also be allowed one re-submission of the dissertation. Students must successfully complete all assignments and the dissertation within 4 years from the date of registration on the programme in order to be eligible for the award of the M.Sc. degree. Students must register for each year of the course prior to submission. Students who submit their dissertation after the end of academic year 2 must apply to re-register for the academic year in which they are submitting.

16.7 Course Director: Ms Eilish McAuliffe
Course Co-ordinator: Ms Mandy Lee
Course Administrator: Ms Stephanie Culson

17. Hospital Pharmacy (M.Sc.)

17.1 Introduction: The M.Sc. in Hospital Pharmacy consists of a practice-based teaching programme complemented by lectures, tutorials and workshops. The course provides students with the knowledge and skills necessary to undertake all aspects of hospital pharmacy including clinical pharmacy, dispensary and drug distribution, administration and management, aseptic compounding, pharmacoconomics and medicines information.

17.2 Admission Requirements: Eligible candidates must hold a first or second class honors degree in pharmacy. Candidates must be registered (or eligible to be registered) with the Pharmaceutical Society of Ireland. Candidates must be working full time in an accredited Dublin hospital.

17.3 Duration: This is a two-year, part-time course with lectures & tutorials taking place on one half day per week in a central location.

17.4 Course Structure/Content: The programme consists of formal lectures, seminars, tutorials and workshops. The M.Sc. programme is divided into 9 modules: 8 taught and 1 research module (including M.Sc. dissertation). All modules are compulsory.

17.5 European Credit Transfer System (ECTS):
The M.Sc. is the equivalent of 90 ECTS:
Practice of Hospital Pharmacy  =  10 ECTS
Medical Therapeutics I  =  10 ECTS
Medical Therapeutics II  =  10 ECTS
Surgical Therapeutics  =  5 ECTS
Aseptics & Good Manufacturing Practice  =  5 ECTS
Medical Specialities – Part 1 = 5 ECTS
Medical Specialities – Part 2 = 10 ECTS
Health Services Management = 5 ECTS
Research Dissertation = 30 ECTS
Total = 90 ECTS

17.6 Assessment: Assessment of the course will include written examinations, written assignments, oral presentations, an OSCE examination and a written dissertation (approximately 20,000 words in length). For the award of the M.Sc., candidates must satisfy the examiners in both the taught and research components of the course. Compensatory within a module is feasible but compensation between modules is not. A viva-voce examination will be conducted by the External Examiner.

17.7 Closing Date: The intake to the course will be biennial and restricted in number with a commencement date in January (current intake start date January 2010). Applications for admission should be addressed to the Graduate Admissions Office, to arrive not later than 1st October in the year prior to the January commencement date of the proposed year of entry.

17.8 Course Co-ordinator: Ms Niamh McMahon

18. Medical Imaging (M.Sc./P.Grad.Dip.)

18.1 Introduction: This course is offered by the Department of Clinical Medicine and is aimed at qualified radiographers. Students will follow either the Nuclear Medicine option or the Magnetic Resonance Imaging option in addition to taking a number of common core modules. These programmes will educate students in the practice of either Nuclear Medicine or Magnetic Resonance Imaging. The taught component of the course runs from October to May. On successful completion of this stage, the student may opt to exit the programme with a Postgraduate Diploma in Medical Imaging. From May to September, the student must carry out a substantial piece of research work and present this in the form of a dissertation to be eligible for consideration for the award of M.Sc. in Medical Imaging.

18.2 Aim: The main aim of the programme is to train and qualify radiographers in the practice of either Nuclear Medicine or Magnetic Resonance Imaging. Practical experience will be gained either in the candidates own department or via a clinical placement. The Nuclear Medicine programme is designed to give a solid academic base in the understanding of, and a high level of practical experience in, Nuclear Medicine techniques and in the safe use and management of isotopes. The Magnetic Resonance Imaging programme is designed to give a solid academic basis in the understanding of imaging theory, and a high level of practical experience in MRI techniques and in the safe use of imaging and associated equipment.

18.3 Admission Requirements: Applications will be accepted from those who:
   1. hold a degree in Radiography, or
   2. hold an equivalent qualification,
   3. have access to a clinical placement,
   4. otherwise satisfy the course admission committee that they have the ability to complete and benefit from the course.

Students entering the M.Sc. in Medical Imaging would follow a specific programme consisting of options either in Nuclear Medicine or in Magnetic Resonance Imaging on a biennial admission schedule.

18.4 Duration: The M.Sc. in Medical Imaging will run over 12 months (October - September) on a part-time basis on Fridays to facilitate those in full-time employment.

192
Course Structure: The M.Sc. in Medical Imaging will incorporate both taught and practical components, with the taught component forming a substantial part. It is a course requirement that the student must spend a minimum of 15 hours per week on clinical placement in either a Nuclear Medicine department or a Magnetic Resonance Imaging department as appropriate. The course consists of taught modules from October to May (60 ECTS) with a research methods course (5 ECTS) and a substantial research dissertation (25 ECTS) from May to September.

The list of common core modules currently available to students of both the Nuclear Medicine and the Magnetic Resonance Imaging programmes are:
1. Patient Care and Health Services Management (5 ECTS)
2. Clinical Practice (10 ECTS)

The additional modules in the Nuclear Medicine programme are:
1. Physics and Instrumentation, and Computer Technology (10 ECTS)
2. Clinical Applications of Nuclear Medicine (15 ECTS)
3. Radiation Protection and Quality Control in Nuclear Medicine (5 ECTS)
4. Anatomy, Physiology and Pathology applied to Nuclear Medicine (5 ECTS)
5. Radiopharmacy (5 ECTS)
6. Positron Emission Tomography (5 ECTS)

The additional modules in the Magnetic Resonance Imaging programme are:
1. Physics and Instrumentation of MR (15 ECTS)
2. Anatomy, Physiology and Pathology applied to MR (10 ECTS)
3. Safety in MR and Quality Control (5 ECTS)
4. MR Imaging Techniques and Protocols (15 ECTS)

All common modules and programme specific modules must be undertaken.

The research component is made up of the following modules:
1. Research Methods (5 ECTS)
2. Dissertation (25 ECTS)

Assessment: The taught modules are assessed primarily by written examination and clinical assessment (e.g. clinical portfolios, structured clinical evaluation (OSCE) examination, student presentations and on-site practical assessment). Written examinations are held at the end of the taught component. All elements of the clinical assessment (portfolios, OSCE examination and oral presentation) must be completed.

To be allowed to proceed to the dissertation component leading to the degree of Master in Medical Imaging (Nuclear Medicine / Magnetic Resonance Imaging) candidates must achieve a pass mark of 50% in the written papers and 60% in the Clinical Assessment. Cross compensation is only allowed between the written papers up to a maximum of 5%.

At the annual Court of Examiners students who fail the written examination or the clinical assessment, may at the discretion of the Court of Examiners, submit a supplementary assessment by an appointed date or sit supplementary examinations. Supplementary results having been taken into account, candidates who satisfy the criteria outlined above may proceed to the dissertation. M.Sc. candidates will in addition complete a research methods module and a substantial research project and submit a dissertation of approximately 20,000 words. To satisfactorily complete a dissertation, students must submit their dissertation by the prescribed date and must obtain a pass mark. The examinations, coursework and dissertation are subject to external review.

Course Director: Ms Bernadette Moran
Course Co-ordinator: Ms Suzanne Dennan
19. Mental Health (M.Sc./P.Grad.Dip.)

19.1 Introduction: The aim of this inter-disciplinary course is to provide an opportunity for students to develop a sound academic base to their practice and to critically explore and critique mental health services. The course also includes a Child, Adolescent and Family Mental Health Strand.

19.2 Admission Requirements:
1. be currently working in mental health/mental illness field, and in the case of the Child, Adolescent and Family Strand be working in child, adolescent and family mental health services; and
2. have a minimum of one year recent experience in the area of mental health/mental illness, and in the case of the Child, Adolescent and Family Strand, be currently employed in the area of mental health/mental illness/child, adolescent and family services and have Garda clearance for working with children and adolescents; and
3. normally hold an honors degree in a relevant discipline; or
4. otherwise satisfy the selection panel that they have the ability to complete and benefit from the course.

19.3 Duration: The course will be offered on a two-year, part-time or a one year full-time basis. Students undertaking the Child, Adolescent and Family Strand will be on a two year, part time basis.

19.4 Course structure: The course will commence with one full study week followed by one to two study days per week throughout the academic year. All students are required to successfully complete all theoretical and professional practice modules specific to their course.

19.5 Modules and European Credit Transfer System (ECTS):

<table>
<thead>
<tr>
<th>Modules</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theory and Practice of Research Methods for Health Care</td>
<td>10</td>
</tr>
<tr>
<td>Ethics and Law in Health Care</td>
<td>10</td>
</tr>
<tr>
<td>Models of Care</td>
<td>10</td>
</tr>
<tr>
<td>Forensic Mental Health</td>
<td>10</td>
</tr>
<tr>
<td>Theoretical and Evidence Based Practices in Child, Adolescent and Family Mental Health</td>
<td>10</td>
</tr>
<tr>
<td>Suicide and Suicidal Behaviour</td>
<td>10</td>
</tr>
<tr>
<td>Contemporary Mental Health and Social Policy</td>
<td>10</td>
</tr>
<tr>
<td>Child, Adolescent and Family Mental Health Interventions</td>
<td>10</td>
</tr>
<tr>
<td>Advanced Research Methods (Qualitative OR Quantitative)</td>
<td>10</td>
</tr>
<tr>
<td>Clinical Practicum – Child, Adolescent and Family Mental Health</td>
<td>15</td>
</tr>
<tr>
<td>Research Dissertation</td>
<td>30</td>
</tr>
</tbody>
</table>

The M.Sc. is the equivalent of 90 ECTS, the M.Sc. (Child, Adolescent and Family Mental Health Strand) is the equivalent of 105 ECTS, and the P.Grad.Dip. is the equivalent of 60 ECTS.
19.6 **Progression:** All students register on the M.Sc. course in the first instance. To progress to the second year of the programme students must successfully complete all the requirements of the first year programme as detailed in the course handbook.

Students may, following consultation with the course co-ordinator, opt not to progress to the second year of the programme. If a student chooses such an option, the student will be eligible for the award of a Postgraduate Diploma in Mental Health. Any student who chooses to opt for a Postgraduate Diploma may not apply at a later date to enter the second year of the M.Sc. course.

19.7 **Assessment and examinations:** A combination of assessment strategies is used to assess the learning outcomes for the programme. In the second year a research dissertation must be submitted. The pass mark for all assessments is 50%. Each module must be passed independently and all practice assessments must be passed without compensation. If a student fails a module on the second attempt, this indicates failure of the whole course.

19.8 **Classification of Award:** See Section 3, Paragraph 3.1

19.8 **Course Co-ordinators:** Mr Michael Brennan, Ms Caithriona NicPhilibin


20.1 **Introduction:** This course is designed to provide a solid academic base to the understanding and development of midwifery care. Graduates of this programme will be expected to provide quality midwifery care and promote and develop excellence in their practice setting. The course provides advanced study in research methods, in addition to advancing the theoretical and practical aspects of management, clinical practice and education in midwifery.

20.2 **Admission Requirements:**
1. Registration as a midwife with An Bord Altranais, or in the case of international applicants, be registered as a professional midwife who is entitled to practice as a qualified or registered midwife in their own country.
2. A minimum of one year full-time recent clinical midwifery practice since registration as a midwife. In the case of the Clinical Health Sciences Education strand of the course, students are required to have 3 years clinical experience since first registration which must include experience of interaction with midwifery students or learners; and
3. An honors degree in midwifery or a related discipline or equivalent professional and academic qualification; or
4. Otherwise satisfy the course committee that they have the ability to complete and benefit from the course.

20.3 **Duration:** The course will be offered on a two-year, part-time or a one calendar year full-time basis.

20.4 **Course structure:** The course will commence with one full study week followed by one to two study days per week. The programme consists of both core and optional modules. While students may choose which optional model they wish to take, all core modules are compulsory. In addition, modules specific to particular strands on the programme must be completed.

20.5 **Modules and European Credit Transfer System (ECTS):**

<table>
<thead>
<tr>
<th>M.Sc. Midwifery Modules</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theory and Practice of Research Methods for Health Care</td>
<td>10</td>
</tr>
<tr>
<td>Ethics and Law in Health Care</td>
<td>10</td>
</tr>
<tr>
<td>Advancing the Theoretical Foundations of Midwifery</td>
<td>10</td>
</tr>
</tbody>
</table>
Situating Midwifery and Maternity Care in Ireland Today 10
Women Centred Maternity Care in Ireland 10
Advanced Research Methods (Qualitative OR Quantitative) 10
Research Dissertation 30

M.Sc. Midwifery CHSE Modules ECTS
Theory and Practice of Research Methods for Health Care 10
The Psychology and Sociology of Education 10
Advancing the Theoretical Foundations of Midwifery 10
Theory and Practice of CHSE 10
Facilitating Learning in the Practice Environment 10
Curriculum Issues in CHSE 10
Advanced Research Methods (Qualitative OR Quantitative) 10
Research Dissertation 30

The M.Sc. is the equivalent of 90 ECTS, the M.Sc. Midwifery CHSE is the equivalent of 100 ECTS, and the P.Grad.Dip. is the equivalent of 60 ECTS.

20.6 Assessments and examinations: A combination of assessment strategies is used to assess the learning outcomes for the programme. In the second year a research dissertation must be submitted. The pass mark for all assessments is 50%. Each module must be passed independently and all practice assessments must be passed without compensation. If a student fails a module on the second attempt, this indicates failure of the whole course.

20.7 Progression: All students register on the M.Sc. course in the first instance. To progress to the second year of the programme students must successfully complete all the requirements of the first year programme as detailed in the course handbook. Students who do not hold a Postgraduate Diploma in Professional Midwifery Studies, may following consultation with the course co-ordinator, opt not to progress to the second year of the programme. If a student chooses such an option, an additional module must be successfully completed before the student will be eligible for the award of a Postgraduate Diploma in Professional Midwifery Studies. Any student who chooses to opt for a Postgraduate Diploma may not apply at a later date to enter the second year of the M.Sc. course.

20.8 Classification of Award: The Postgraduate Diploma may be awarded at two levels (i) Postgraduate Diploma and (ii) Postgraduate Diploma with Distinction. The M.Sc. may be awarded a mark of Distinction. The award of a taught Masters with Distinction shall require the achievement of a distinction for the dissertation, and an aggregate of a distinction in all other modules. A distinction cannot be awarded if a candidate has failed any module during the period of study.

20.9 Course Co-ordinators: Dr Elizabeth A. Curtis and Ms Annemarie Malone

21. Molecular Medicine (M.Sc.)

21.1 Introduction: Increasingly, the techniques of molecular and cell biology are providing insights into the underlying causes of disease, giving rise to the rapidly advancing area of Molecular Medicine. Molecular Medicine, therefore, is likely to occupy an ever more central role in the future practice of Clinical Medicine. Consequently it is important that those engaged in medical practice or medical research have a detailed knowledge and understanding of the new discipline. This course aims to provide candidates with an understanding of the molecular basis of human disease and its implications for the practice of clinical medicine and research in the health sciences. In addition to a comprehensive theoretical focus, the course will emphasise the practical aspects of molecular medicine, with the objective of ensuring the candidate has the skills necessary to conduct research
and critically evaluate the scientific and medical literature. Recent years have also witnessed a rapid worldwide advent of nanotechnologies in biomedical sciences, quickly developing from the limited trial stage to recognised and established tools in molecular medicine. In line with this established direction of scientific progress, we have integrated an optional nanoscience module for applicants wishing to pursue their education in this exciting and challenging area. The complexity of contemporary experimental tasks targeted by the biomedical scientists in life science research has boosted the development of high content screening and analysis technologies (HCA). They enable the researcher to monitor and analyse multiple molecular targets in individual cells and populations at sub-cellular resolution level in high throughput detection systems. This course offers a unique, in depth module introducing participants to both the theory and practice of these powerful cutting edge technologies.

21.2 Admission Requirements: Applications are invited from individuals with a primary degree in medicine, dentistry, veterinary, biological sciences and pharmaceutical science. Those with a science degree should have achieved at least a second class, first division honors degree or its equivalent. The candidate may be interviewed to establish his/her suitability for the course at the discretion of the course co-ordinators.

21.3 Course Structure: The course will be available in a one-year full-time format. It is available as a two-year part-time format only in exceptional circumstances. The course will consist of lectures on cellular biology and molecular genetics as they apply generally to normal cell and tissue function and more specifically to disease processes such as cancer, immune dysfunction, and diseases with an inherited component. It will include modules on molecular signalling and therapeutics, nanoscience, and high content cell analysis. There will be a core, ‘Research Skills’ module which will encompass bioinformatics and ethical-legal aspects of the emerging discipline, literature reviews, and laboratory practicals in basic molecular and cellular techniques. Candidates will complete a laboratory project of three months (full-time) or six months (part-time) duration.

Core Modules

• Research skills (15 ECTS)
• Research project (30 ECTS)

Modules to the total value of 45 ECTS should be chosen from the following:

• Introductory cell biology and cell signalling mechanisms (5 ECTS)
• Introduction to genetics and development (5 ECTS)
• Human Genetics (5 ECTS)
• Molecular and cellular Immunology (5 ECTS)
• Molecular Oncology (5 ECTS)
• Infectious agents biological and clinical applications (5 ECTS)
• Molecular mechanisms of human disease I (5 ECTS)
• Molecular mechanisms of human disease II (5 ECTS)
• Frontiers in Molecular Medicine I (5 ECTS)
• Frontiers in Molecular Medicine II (5 ECTS)
• High Content Screening and Analysis (5 ECTS)

21.4 Assessment: Theoretical understanding of the course contents will be evaluated by written examination. Laboratory practicals will be included in assessing the candidate’s proficiency.

An external examiner with a record in the field of molecular medicine will be appointed to ensure the academic excellence of the course. The dissertation will be assessed both by an internal and external examiner.

21.5 Course Co-ordinators: Dr Ross McManus, Dr Aideen Long, Dr Henry Windle, Dr Yuri Volkov, Professor Mark Lawler.
22. Molecular Pathology (M.Sc.)

22.1 Introduction: The aim of this course, which is run jointly with the D.I.T., Kevin Street, is to provide postgraduate education in Medical Laboratory Science for those wishing to pursue a career in this field. The course will provide an advanced programme in the molecular basis of disease and will address the interaction of key areas such as cell biology, molecular genetics and immunology with the aetiology, pathogenesis and investigation of the disease process. While the main content of the course will deal with the broad field of biomedical science, students will, in addition, choose modules in specialist subject areas from one of the following:

1. Clinical Chemistry
2. Haematology
3. Clinical Immunology/Transfusion Science
4. Medical Microbiology
5. Cellular Pathology

22.2 Admission Requirements: Applicants must have a good honors degree in biomedical science, or related area, or hold Part 1 or Part 2 Fellowship examination of the Institute of Biomedical Science or have a suitable equivalent qualification. Selection for the course may require an interview. Applicants for the part-time course must be employed in an appropriate post in a hospital, veterinary or other suitable laboratory and must provide evidence that project facilities will be available to them. Preference will be given to applicants with two or more years of postgraduate work experience.

22.3 Course Structure: The course will be offered on a full-time basis, over one year, and also on a part-time, block-release basis, over two years. The course will commence in September. The course will operate on a student centred approach with tutorials and seminars in addition to a formal lecture/workshop programme. Students are required to take the following modules:

1. Protein conformational disorders (6 ECTS)
2. Professional scientific development 1 (6 ECTS)
3. Inflammation, genetics and oncogenic processes in pathology (12 ECTS)
4. Nutritional influences on pathological processes (6 ECTS)
5. Immunopathological processes (3 ECTS)
6. Advanced scientific methods (3 ECTS)
7. Specialist topic (9 ECTS)
8. Professional scientific development 2 (6 ECTS)
9. Virology (9 ECTS)
10. Project by research (30 ECTS)

22.4 Assessment: Students will present a portfolio of work throughout the course.

22.5 Dissertation: A dissertation or project is a mandatory component of the course and the project will be presented in a traditional dissertation format.

22.6 Examinations: A formal examination will be held at the end of the year for the full-time course and at the end of two years for the part-time course. One paper in the specialist option will be taken and assessment marks attained during the course will be included with the final examination mark. To achieve a pass, students will be required to have achieved a satisfactory standard in the examination, the portfolio and the project.

22.7 Course Co-ordinators: Dr Frederick Falkiner (T.C.D.) and Dr Jacinta Kelly (D.I.T.)

23. Neuroscience (M.Sc.)

23.1 Introduction: The aim of this course is to provide multidisciplinary training in neuroscience topics ranging from molecular to behavioural, to students wishing to develop
specialised knowledge and practical expertise in the Neurosciences. The course will appeal to biology graduates that already have a basic understanding of nervous system function, and to psychology graduates whose primary degree was not biology based. The course will also be of interest to those with medical training and want to diversify into research. The course is intended to equip participants with the skills necessary to progress into a career in biomedical, pharmaceutical or neuropsychological research, or to embark on a doctoral research programme.

23.2 Admission requirements: To be eligible for admission, candidates must hold a third level qualification. Application for admission will be accepted, subject to availability, from candidates who have a degree in Biological Science, Psychology, Medicine or Allied Health Sciences. Normally candidates should have achieved at least an upper second class honors degree or its equivalent.

23.3 Duration: One year, full-time or two years part-time.

23.4 Course Structure: During the Michaelmas and Hilary Terms, students will take a series of lectures, laboratory sessions, seminars and workshops, involving approximately 200 contact hours. Each student will conduct a laboratory-based research project of three months (full-time) or six months (part-time) duration which will be supervised by a member of academic staff.

The M.Sc. is the equivalent of 90 ECTS, and is comprised of the following modules:

- Form and Function of the Nervous System     5 ECTS
- Biochemical Basis of Neuropharmacology       5 ECTS
- Neuropharmacology and Drug Development      10 ECTS
- Neuroimaging Technology                     5 ECTS
- Advanced Neuroimmunology                    5 ECTS
- Experimental Neuroscience                   5 ECTS
- Current Topics and Techniques in Neuroscience 20 ECTS
- Research Skills                             5 ECTS
- Research Project                            30 ECTS

23.5 Assessment: Taught material will be assessed by examination papers at the end of Hilary Term, together with in-course assessment based on a 2500-word essay and seminar presentation, practical laboratory reports, performance in the journal club workshops and the data handling and statistics module. The research component will be assessed by dissertation (normally not more than 25,000 words), which should normally be submitted by the last day of July in the year of enrolment. Both taught and research components must be passed in order for a candidate to pass the year. Examinations and dissertations will be externally moderated.

23.6 Course Director: Professor Kumlesh Dev

24. Nursing (M.Sc./P.Grad.Dip. Professional Nursing Studies)

24.1 Introduction: This course is designed to provide a solid academic base to the understanding and development of nursing care. Graduates of this programme will be expected to provide quality nursing care and promote and develop excellence in their practice setting. The course provides advanced study in research methods, in addition to advancing the theoretical and practical aspects of management, clinical practice and education in nursing.

24.2 Admission Requirements:

1. Registration as a nurse with An Bord Altranais or in the case of international applicants, be registered as a professional nurse who is entitled to practice as a qualified or registered nursing in their own country.
2. A minimum of one year full-time recent clinical nursing practice or equivalent since first registration. In the case of the 'Advanced Nurse Practice in Emergency Nursing' strand of the course, students are required to have 5 years experience in emergency nursing in the last 8 years. In the case of the Clinical Health Sciences Education strand of the course, students are required to have 3 years clinical experience since first registration which must include experience of interaction with students or learners; and

3. An honors degree in nursing or a related discipline or equivalent professional and academic qualification. In the case of the 'Advanced Nurse Practice in Emergency Nursing' strand of the course, students are also required to hold a post-basic qualification in emergency nursing; or

4. Otherwise satisfy the course committee that they have the ability to complete and benefit from the course.

24.3 Duration: The course will be offered on a two-year part-time or a one calendar year full-time basis. The 'Advanced Nurse Practice in Emergency Nursing' strand of the course will be provided on a two year part-time basis only.

24.4 Course structure: The Master in Science in nursing encompasses a number of strands. These include nursing, clinical health sciences education (RNT), emergency nursing (advanced nurse practitioner). The course will commence with one full study week followed by one to two study days per week. The programme consists of both core and optional modules. While students may choose which optional model they wish to take, all core modules are compulsory. In addition, modules specific to particular strands on the programme must be completed.

   - M.Sc. Programme Year One: For all strands five modules must be completed.
   - For the Postgraduate Diploma option, students are required to complete six modules (please see section on progression below).
   - M.Sc. Programme Year Two: Two modules and a research dissertation must be completed. One of these modules is core to the programme and the other is specific to the relevant strand the student is undertaking.

24.5 Modules and European Credit Transfer System (ECTS):

   - M.Sc. Nursing Modules
     | Modules                                             | ECTS |
     | Theory and Practice of Research Methods for Health Care | 10   |
     | Ethics and Law in Health Care                       | 10   |
     | Advancing the Theoretical Foundations of Nursing    | 10   |
     | Developing the Professional Role                    | 10   |
     | Facilitating Learning in the Practice Environment    | 10   |
     | Health Services Management                          | 10   |
     | Advancing Professional Theory and Practice          | 10   |
     | Advanced Research Methods (Qualitative OR Quantitative) | 10   |
     | Research Dissertation                                | 30   |

   - M.Sc. Nursing CHSE Modules
     | Modules                                             | ECTS |
     | Theory and Practice of Research Methods for Health Care | 10   |
     | The Psychology and Sociology of Education           | 10   |
     | Advancing the Theoretical Foundations of Nursing    | 10   |
     | Theory and Practice of CHSE                         | 10   |
     | Facilitating Learning in the Practice Environment    | 10   |
     | Curriculum Issues in CHSE                           | 10   |
     | Advanced Research Methods (Qualitative OR Quantitative) | 10   |
     | Research Dissertation                                | 30   |

   - The M.Sc. is the equivalent of 90 ECTS, the M.Sc. Nursing CHSE is the equivalent of 100 ECTS, and the P.Grad.Dip. is the equivalent of 60 ECTS.
24.6 Assessments and examinations: A combination of assessment methods are used to assess the learning outcomes for the programme. In the second year a research dissertation must be submitted. The pass mark for all assessments is 50%. Each module must be passed independently and all practice assessments must be passed without compensation. If a student fails a module on the second attempt, this indicates failure of the whole course.

24.7 Progression: All students register on the M.Sc. course in the first instance. To progress to the second year of the programme students must successfully complete all the requirements of the first year programme as detailed in the course handbook. Students who do not hold a Postgraduate Diploma in Professional Nursing Studies, may, following consultation with the course co-ordinator, opt not to progress to the second year of the programme. If a student chooses such an option, an additional module must be successfully completed before the student will be eligible for the award of a Postgraduate Diploma in Professional Nursing Studies. Any student who chooses to opt for a Postgraduate Diploma may not apply at a later date to enter the second year of the M.Sc. course.

24.8 Classification of Award: The Postgraduate Diploma may be awarded at two levels (i) Postgraduate Diploma and (ii) Postgraduate Diploma with Distinction. The M.Sc. may be awarded a mark of Distinction. The award of a taught Masters with Distinction shall require the achievement of a distinction for the dissertation, and an aggregate of a distinction in all other modules. A distinction cannot be awarded if a candidate has failed any module during the period of study.

24.9 Course Co-ordinators: Dr Elizabeth A. Curtis and Ms Annemarie Malone

25. Occupational Therapy (M.Sc.)

25.1 Introduction: This course is offered in the Faculty of Health Sciences by the School of Occupational Therapy.

25.2 Aim: The main aim of this course is to encourage the development of the knowledge base of Occupational Therapy and related academic research, and to promote reflective practice.

25.3 Admission requirements: Candidates will require a good recognised degree (upper second class honors or above) in Occupational Therapy or a recognised qualification in Occupational Therapy (i.e. Diploma in Occupational Therapy). Applicants without a degree must satisfy the course committee that they have the ability to complete and benefit from the course, and will be required to produce evidence of further study.

25.4 Duration: The course commences in October and, in the first year, runs on a part-time basis until June. The second year commences in October and again runs on a part-time basis until June, with submission of the dissertation in June.

25.5 Course Structure: The M.Sc. is the equivalent of 90 ECTS and is comprised of four core modules (50 ECTS), a specialist module (10 ECTS) and dissertation (30 ECTS):

<table>
<thead>
<tr>
<th>Course Title</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Methodologies for OT</td>
<td>20 ECTS</td>
</tr>
<tr>
<td>Occupational Therapy Theories and Professional Development</td>
<td>10 ECTS</td>
</tr>
<tr>
<td>Independent Learning Unit</td>
<td>20 ECTS</td>
</tr>
<tr>
<td>Dissertation</td>
<td>30 ECTS</td>
</tr>
<tr>
<td>Specialist modules may include:</td>
<td></td>
</tr>
<tr>
<td>Health Psychology</td>
<td>10 ECTS</td>
</tr>
<tr>
<td>Health Care Economics</td>
<td>10 ECTS</td>
</tr>
</tbody>
</table>
25.6 Examination and assessment: Students will be assessed by assignments and project work set by the tutors of the various modules within the course. In the event of failure of any one assignment the student must re-submit the assignment(s) in question in the manner and at the time determined by the Court of Examiners. A satisfactorily re-submitted assignment will be awarded a passing grade. Students who fail a re-submitted assignment will be excluded from any further participation in the course by the Dean of Graduate Studies who will act in consultation with the Course Committee and on the advice of the course co-ordinator. The second year of the course is devoted to the dissertation.

25.7 Course Co-ordinator: Dr Deirdre Connolly

26. Palliative Care (M.Sc./P.Grad.Dip.)

26.1 Introduction: The aim of this inter-disciplinary course is to provide an opportunity for students to develop a comprehensive academic and evidence based approach to their practice and to explore critically and critique palliative care service provision.

26.2 Admission Requirements:
1. minimum of one year’s experience in delivering a palliative care approach within practice within the last 2 years.
2. for the duration of the course, be employed in an area where the principles of palliative care are operationalised when caring for individuals with life threatening illness and their families; and
3. hold at least an upper second class honors degree in a health professional or related subject area. Candidates with relevant, and significant, experience as professional practitioners in the field of palliative care may be accepted with a lower class degree (II.2 or III) or equivalent; or
4. otherwise satisfy the selection panel that they have the ability and/or the experience to complete the course successfully.

26.3 Duration: The course will be offered on a two-year, part-time basis.

26.4 Course structure: The course will commence with one full study week followed by one to two study days per week throughout the academic year. The specialist component of the course will be delivered in various study blocks. All students are required to complete successfully all theoretical and professional practice modules.

26.5 Modules and European Credit Transfer System (ECTS):

<table>
<thead>
<tr>
<th>Modules</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theory and Practice of Research Methods for Health Care</td>
<td>10</td>
</tr>
<tr>
<td>Ethics and Law in Health Care</td>
<td>10</td>
</tr>
<tr>
<td>Pain and Symptom Management: An Interdisciplinary Perspective</td>
<td>10</td>
</tr>
<tr>
<td>Psychosocial Issues in Palliative Care: An Interdisciplinary Perspective</td>
<td>10</td>
</tr>
<tr>
<td>Theory &amp; Practice 1: Principles &amp; Philosophy of Palliative Care</td>
<td>10</td>
</tr>
<tr>
<td>Theory &amp; Practice 2: Principles &amp; Philosophy of Palliative Care</td>
<td>10</td>
</tr>
<tr>
<td>Health Services Management</td>
<td>10</td>
</tr>
<tr>
<td>Advanced Research Methods (Qualitative OR Quantitative)</td>
<td>10</td>
</tr>
<tr>
<td>Research Dissertation</td>
<td>30</td>
</tr>
</tbody>
</table>

The M.Sc. is the equivalent of 100 ECTS and the P.Grad.Dip. is the equivalent of 60 ECTS.
26.6 **Progression:** All students register on the M.Sc. course in the first instance. To progress to the second year of the course students must successfully complete all the requirements of the first year of the course as detailed in the course handbook. Students may, following consultation with the course co-ordinator, opt not to progress to the second year of the course. If a student chooses such an option, the student will be eligible for the award of a Postgraduate Diploma in Palliative Care. To be awarded a Postgraduate Diploma, a student must successfully complete all first year modules. Any student who chooses to opt for a Postgraduate Diploma may not apply at a later date to enter the second year of the M.Sc. course.

26.7 **Assessment and examinations:** A combination of assessment strategies is used to assess the learning outcomes for the course. In the second year a research dissertation must be submitted. The pass mark for all assessments is 50%. Each module must be passed independently and all professional practice assessments must be passed without compensation. If a student fails a module on the second attempt, this indicates failure of the whole course.

26.8 **Classification of Award:** The Postgraduate Diploma may be awarded at two levels (i) Postgraduate Diploma and (ii) Postgraduate Diploma with Distinction. The M.Sc. may be awarded a mark of Distinction. The award of a taught Masters with Distinction shall require the achievement of a distinction for the dissertation, and an aggregate of a distinction in all other modules. A distinction cannot be awarded if a candidate has failed any module during the period of study.

26.9 **Course Co-ordinator:** Dr Kevin Connaire

---

**27. Pharmaceutical Analysis (M.Sc./P.Grad.Dip.)**

27.1 **Introduction:** The course involves a comprehensive treatment of the science and technology of pharmaceutical analysis with particular emphasis on the regulatory environment in which the Pharmaceutical Industry operates. It is intended for suitably qualified graduates currently working in or aspiring to work in the Pharmaceutical Industry - in particular non-Pharmacy graduates employed in quality control or quality assurance roles requiring specialised training, retraining or upgrading of skills. The course may also be attractive to technical managers in regulatory affairs, product development and other related areas. The objective of the M.Sc./P.Grad.Dip. course is to equip graduates with the appropriate analysis skills required by the Pharmaceutical and Veterinary Manufacturing Industries.

27.2 **Admission Requirements:** Applicants will be accepted, subject to the availability of places, from holders of honors degrees in a relevant Science discipline (e.g. pharmacy, chemistry, analytical chemistry, microbiology, biochemistry, pharmacology and other appropriate primary honors degrees e.g. I.T., medicine or veterinary). Equivalent primary and/or postgraduate qualifications will also be considered, particularly with relevant professional experience, after an interview with the Course Director and consultation with the Dean of Graduate Studies. Applications will be evaluated by the Course Director in consultation with the Course Committee and Dean of Graduate Studies as appropriate.

27.3 **Duration:** The course is available for full-time study over one calendar year or part-time over two years and consists of lectures, workshop and laboratory work. Part-time teaching is normally scheduled for Fridays during academic terms.

27.4 **Course Structure/Content:** The course comprises lectures, workshops, seminars, laboratory work, written assignments and factory visits. In addition each student is required to write a major essay on a designated topic in the area of pharmaceutical analysis. Students proceeding to a M.Sc. degree will be required to undertake a research project and present a detailed scientific report at the end of the course.
The course consists of ten core modules:
1. Regulatory Aspects of Pharmaceutical Analysis (5 ECTS)
2. Chromatographic Methods of Drug Analysis (5 ECTS)
3. Spectroscopic and physical methods of drug analysis (5 ECTS)
4. Principles of Formulation (5 ECTS)
5. Applied Skills Assignments (10 ECTS)
6. Pharmacopoeial Methods of Drug Analysis (5 ECTS)
7. Analysis of Low Level Drug Analytes (5 ECTS)
8. Specialised Pharmaceutical Methods (5 ECTS)
10. Biologics & Biototechnology Products (10 ECTS)

The taught modules are supported by lectures and workshops on presentation and research skills and visits to industrial laboratories. The course is taught mainly by University staff, although there is a contribution from specialist visiting lecturers. The research project may be conducted either in the School of Pharmacy or at the students' place of employment but in either case supervision is exercised by a member of the School of Pharmacy academic staff.

Students register on the M.Sc. course in the first instance.

27.5 European Credit Transfer System (ECTS):
The M.Sc. is the equivalent of 90 ECTS:
10 core modules                      =  60 ECTS
Research Dissertation                =  30 ECTS
Total                                =  90 ECTS

The Postgraduate Diploma is the equivalent of 60 ECTS.

27.6 Assessment: Overall assessment of candidates is based on tutor marked assignments (TMAs) during the course-work and written examinations in May/June each year. Credits are available for all assignments including laboratory reports. The M.Sc. project report will typically be of 18,000-20,000 words and will be examined in September. Candidates must successfully complete the taught component of the course at the Trinity term examinations, before proceeding to the M.Sc. project. Upon successful completion of the taught component of the course, students may, following consultation with the course co-ordinator, opt not to progress to the M.Sc. If a student chooses such an option, the student will be eligible for the award of a Postgraduate Diploma in Pharmaceutical Analysis. Any student who is awarded the Postgraduate Diploma may not apply at a later date to enter this M.Sc. course.

Provision is available for a supplemental examination in September each year if required. A reasonable attempt is required in all aspects of the examination process. A pass mark of 40% is normally required but compensation will be applied where appropriate.

27.7 Course Director: Dr John Gilmer

28. Pharmaceutical Manufacturing Technology (P.Grad.Dip./M.Sc.)

28.1 Introduction: EC Directives (2001/83/EC and 2001/82/EC) stipulate that manufacturers of pharmaceutical products for human and veterinary use must have at their services at least one "Qualified Person" (Note: applicants with a three-year primary degree must qualify with a M.Sc. to fulfil the educational requirements related to registration as a "Qualified Person"). Articles 49 and 53 respectively specify the minimum conditions of qualifications for such a person which are as follows:
(a) "Possession of a diploma, certificate or other evidence of formal qualifications awarded on completion of a university course of study, or a course recognised as equivalent by the Member State concerned, extending over a period of at least four years of theoretical

204
and practical study in one of the following scientific disciplines: pharmacy, medicine, veterinary medicine, chemistry, pharmaceutical chemistry and technology, biology. However:

- the minimum duration of the university course may be three and a half years where the course is followed by a period of theoretical and practical training of minimum duration of one year and including a training period of at least six months in a pharmacy open to the public, corroborated by an examination at university level;
- where two university courses or two courses recognised by the State as equivalent co-exist in a Member State and where one of these extends over four years and the other over three years, the three-year course leading to a diploma, certificate or other evidence of formal qualifications awarded on completion of a university course or its recognised equivalent shall be considered to fulfil the condition of duration referred to in (a) in so far as the diplomas, certificates or other evidence of formal qualifications awarded on completion of both courses are recognised as equivalent by the State in question.

The course shall include theoretical and practical study bearing upon at least the following basic subjects:

1. Applied Physics
2. General and Inorganic Chemistry
3. Organic Chemistry
4. Analytical Chemistry
5. Pharmaceutical Chemistry, including Analysis of Medicinal Products
6. General and Applied Biochemistry (Medical)
7. Physiology
8. Microbiology
9. Pharmacology
10. Pharmaceutical Technology
11. Toxicology

Studies in these subjects should be so balanced as to enable the person concerned to fulfil the obligations specified in Articles 51 and 55.

In so far as certain diplomas, certificates or other evidence of formal qualifications mentioned in (a) above, do not fulfil the criteria laid down above, the competent authority of the Member State shall ensure that the person concerned provides evidence of adequate knowledge of the subjects involved.

(b) Practical experience for at least two years, in one or more undertakings which are authorised to manufacture proprietary medicinal products, in the activities of qualitative analysis of active substances and of the testing and checking necessary to ensure the quality of proprietary medicinal products. The duration of practical experience may be reduced by one year where a university course lasts for at least five years and by a year and a half where the course lasts for at least six years.

While the B.Sc. (Pharm.) degree course fully satisfies the educational requirements of the Directives 2001/83/EC and 2001/82/EC, the Postgraduate Diploma course is intended to enable graduates of other disciplines to acquire the necessary specialised knowledge in pharmaceutical subjects and thereby alleviate the difficulties experienced by the pharmaceutical industry due to the shortage of suitably qualified personnel. It is recognised by the Irish Medicines Board as fulfilling the educational requirements related to registration as a "Qualified Person" (Note: applicants with a three-year primary degree must qualify with a M.Sc. to fulfil the educational requirements related to registration as a "Qualified Person").

28.2 Course Structure: The course is presented in a distance learning form and extends over two years. Participants receive nine module booklets in each year of the course. The general areas covered are Pharmaceutical, Medicinal and Analytical Chemistry (4 modules), Pharmaceutical Processing (9 modules), Pharmaceutical Biotechnology (1 module) and Drug Action, Uses and Assessment (4 modules). Participants must also undertake a number of manufacturing facility visits.

Eligible students who wish to progress to the M.Sc. must undertake an industrial dissertation. A dissertation requires an extensive literature review followed by experimental
work or data acquisition and subsequent analysis of data that has been generated by the 
student.

Students register on the Postgraduate Diploma in the first instance.

28.3 European Credit Transfer System (ECTS):

The Postgraduate Diploma is the equivalent of 90 ECTS:

Year 1 – 9 modules at 5 ECTS each as follows:
Pharmaceutical Chemistry
Unit Processes
Principles of Drug Action
Pharmaceutical Analysis
Principles of Preformulation
Systematic Pharmacology
Pharmaceutical Statistics
Pharmaceutical Processing
Regulatory Affairs

Year 2 – 9 modules at 5 ECTS each as follows:
Biopharmaceutics & Pharmacokinetics
Sterile Products
Pharmaceutical Biology & Pharmacognosy
Medicinal Chemistry
Project Management
Chemotherapy & Drug Assessment
Pharmaceutical Biotechnology
Organisation & Design
Packaging

The M.Sc. is the equivalent of 120 ECTS:
18 core modules at 5 ECTS = 90 ECTS
Industrial Dissertation = 30 ECTS
Total = 120 ECTS

28.4 Admission Requirements: Applications will be considered from graduates of 
relevant scientific disciplines who have completed a university course or a course 
recognised as equivalent, extending over three to four years. The intake to the course is 
limited and the final selection is by an Admissions Committee. Candidates are expected to 
be in full-time employment either in the pharmaceutical industry or with a pharmaceutical 
regulatory authority at the time of application and for the duration of the course. Applicants 
proceeding to a M.Sc. degree should hold a first or second class (upper division) degree or 
equivalent qualification and experience, and must have completed the first year of the 
course and achieved an overall assessment grade of second class (first division) or higher. 
Application details are available from the Graduate Admissions Office.

28.5 Assessment: Overall assessment of candidates is based on tutor marked 
assignments, manufacturing facility tour reports and written examinations. Candidates with 
an overall grade second class (first division) or higher, may choose to proceed to the M.Sc. 
degree. Alternatively students may complete the diploma course schedule. Candidates who 
fail to meet the examiners requirements may sit supplemental examinations to gain entry to 
the second year of the diploma programme.

(Note: students must achieve overall grade second class (first division) or higher at 
their first attempt to proceed to the M.Sc. degree).

Course-work, annual examinations and the M.Sc. dissertation are subject to 
External Examiner review.

28.6 Course Co-ordinator: Ms Lorna Loughrey

206
29. Pharmaceutical Medicine (M.Sc.)

29.1 Introduction: The M.Sc. course is administered by the Department of Pharmacology and Therapeutics, in association with the Centre for Advanced Clinical Therapeutics, St James’s Hospital, Dublin. It has been developed to provide medical and science graduates with specialist knowledge and skills in the area of clinical pharmacology and pharmaceutical medicine. Intake is on an annual basis. There is a separate entry on the Postgraduate Diploma in Pharmaceutical Medicine (see below).

29.2 Admission: Prospective students for this course must hold a primary degree in either medicine or another relevant health or science subject. Candidates should have a minimum of 2 years’ practical experience in their area of qualification / pharmaceutical industry.

29.3 Course Structure: The course involves completion of 10 taught modules (equivalent to 60 ECTS) and the additional undertaking of a research project (equivalent to 30 ECTS) as follows:

- Introduction to Pharmaceutical Medicine – 5 ECTS
- Biostatistics/Critical Appraisal – 5 ECTS
- Communication and Legal Issues in Drug Development – 5 ECTS
- Non-clinical Drug Development – 5 ECTS
- Clinical Drug Development – 5 ECTS
- Principles of Pharmacology and Therapeutics – 5 ECTS
- Principles of Drug Regulatory Affairs – 10 ECTS
- Drug Safety and Pharmacovigilance – 10 ECTS
- Pharmacoeconomics – 5 ECTS
- Emerging Issues in Pharmaceutical Medicine – 5 ECTS

The modules consist of formal teaching sessions and personal assignments and are run over five terms on a part-time basis (approximately two modules per term). Two of the modules are undertaken by way of distance learning (Principles of Pharmacology and Therapeutics and Drug Regulatory Affairs). In addition, the students will be assigned a research project (including field work), which will be submitted as a dissertation worth 30 ECTS.

29.4 Course Assessment: Students are assessed by way of continuous assessment and are required to pass written and oral examinations at the end of the modules. In addition, they are required to submit a written dissertation on their research project (with the possibility of an oral examination), by the end of the second year of the course.

29.5 Location: The course will be run in the Trinity Centre for Health Sciences, St James’s Hospital, Dublin 8.

29.6 Course Director: Dr Mary Teeling
Course Co-ordinator: Dr MaryJo MacAvin

30. Pharmaceutical Technology (M.Sc./P.Grad.Dip.)

30.1 Aims: The main aim of the programme is to give students currently working or intending to work in the human and veterinary pharmaceutical industries an understanding of the fundamentals of Pharmaceutical Technology relevant to product formulation, development and production. In addition to theoretical knowledge, graduates will be

207
equipped with practical experience and research methodology that will enable them to become involved in research and development in these areas.

30.2 **Admission Requirements:** Applications will be accepted from graduates who:

1. Hold a good honors degree in a relevant science discipline or
2. Hold an equivalent qualification with relevant professional experience
3. Otherwise satisfy the course admission committee that they have the ability to succeed and benefit from the course.

Students who successfully complete the Postgraduate Diploma will have the option of proceeding to the M.Sc. programme without receiving the Postgraduate Diploma.

30.3 **Duration:** The course is run on a full time basis, over a period of one academic year.

30.4 **Course Structure:** The Postgraduate Diploma will incorporate both practical and taught elements. There will be a strong emphasis on the application of pharmaceutical technology in the industrial environment. M.Sc. students will receive instruction in research methodology and will undertake an independent research project which will be reported in the form of a dissertation. Students register on the M.Sc. course in the first instance.

30.5 **Syllabus for the Postgraduate Diploma:** Students will take seven to eight modules, four of which will be core. The modules to be taken by students will be chosen in consultation with the course co-ordinator, having regard to the specific knowledge base of individual applicants.

**Core Modules:** The core modules are:

1. Pharmaceutical Processing (10 ECTS)
2. Principles of Formulation (10 ECTS)
3. Unit Processes and Formulation Engineering (10 ECTS)
4. Formulation of Sterile Products (10 ECTS)

**Elective Modules:** The elective modules include:

1. Pharmacokinetics/Pharmacodynamics (10 ECTS)
2. Biopharmaceutics; Formulation of Biotechnology Products (5 ECTS)
3. Regulatory Affairs and Manufacturing Facilities (5 ECTS)
4. Chromatographic Methods of Drug Analysis (5 ECTS)
5. Spectroscopic and physical methods of drug analysis (5 ECTS)

30.6 **European Credit Transfer System (ECTS):**
The M.Sc. is the equivalent of 90 ECTS:

<table>
<thead>
<tr>
<th>Component</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Four core modules</td>
<td>40</td>
</tr>
<tr>
<td>Three to four elective modules</td>
<td>20</td>
</tr>
<tr>
<td>Research Dissertation</td>
<td>30</td>
</tr>
<tr>
<td>Total</td>
<td>90</td>
</tr>
</tbody>
</table>

The Postgraduate Diploma is the equivalent of 60 ECTS.

30.7 **Assessment:** Postgraduate Diploma candidates will be assessed on the basis of written examinations held in May and/or June together with course-work in the form of tutorial marked assignments and practical work undertaken during the year. M.Sc. candidates will in addition complete a substantial research project and submit a dissertation of approximately 25,000 words. Both the examinations and the dissertation will be subject to external moderation. Any student, who is awarded the Postgraduate Diploma, automatically forfeits progression to the M.Sc. at any later stage.

30.8 **Location:** Teaching will take place in Trinity College. There will be a number of site visits to industrial plants.
31. Physical Sciences in Medicine (M.Sc./P.Grad.Dip.)

31.1 Introduction: This course offers the academic training required for a career in scientific support of medical procedures and technology. The course is offered in the Faculty of Health Sciences and is co-ordinated through the Medical Physics Departments in St. James’s Hospital and St. Luke’s Hospital, Dublin.

31.2 Duration: One year full-time or two years part-time.

31.3 Course Structure: The course is delivered as lectures, demonstrations, seminars, practicals and workshops.

All students must take a Core Track. This Core Track delivers the fundamental and generic knowledge by professionals working in the area of Medical Physics / Clinical Engineering. Upon completion of this, the student then takes one of three Specialisation Tracks in Diagnostic Radiology, Radiation Therapy or Clinical Engineering. The running of each of these tracks is subject to a minimum number of students taking each track. In parallel with the taught components, the student undertakes a dissertation. A Pass mark in all three required sections (Core Module, Specialisation Track and Dissertation) will result in the awarding of M.Sc. in Physical Sciences in Medicine. If the student does not pass the dissertation component but successfully passes the taught components, the award of Postgraduate Diploma will be awarded.

Core Modules
- Introduction to Radiation Protection & Radiation Physics (5 ECTS)
- Imaging Physics & Technology (5 ECTS)
- Introduction to Radiotherapy and Non-Ionising Imaging (5 ECTS)
- Basic Medical Sciences (5 ECTS)
- Introduction to Research Methodology and Safety (5 ECTS)
- Medical Technology and Information Systems (5 ECTS)
- Seminars (5 ECTS)

Specialisation Track Modules (Diagnostic Radiology)
- Radiation Physics and Dosimetry (5 ECTS)
- Medical Informatics and Image Processing (5 ECTS)
- Ionising and Non-Ionising Radiation Protection (5 ECTS)
- Imaging Physics and Technology 2 (10 ECTS)

Specialisation Track Modules (Radiation Therapy)
- Radiation Physics and Dosimetry (5 ECTS)
- Principles and Applications of Clinical Radiobiology (5 ECTS)
- External Beam Radiotherapy (10 ECTS)
- Brachytherapy and Unsealed Source Radiotherapy (5 ECTS)

Specialisation Track Modules (Clinical Engineering)
- The Human Medical Device Interface (5 ECTS)
- Principle and Practice of Medical Technology Design, Prototyping & Testing (5 ECTS)
- Medical Technology 1: Critical Care (5 ECTS)
- Medical Technology 2: Interventions, Therapeutics & Diagnostics (5 ECTS)
- Medical Informatics and Equipment Management (5 ECTS)

Project Work and Dissertation (30 ECTS)

31.4 Assessment: The Core Module and Specialisation Tracks are assessed by means of Written Examinations and Assignments. General College regulations apply with regards to examinations and coursework. The student must pass all examinations and assignments.
The pass mark for examinations and assignments is 50%. Supplemental examinations and assignments will be available for those students that fail any of the components up to a maximum of 50% of the total number of components. A dissertation relevant to the applications of Physical Sciences in Medicine must be submitted and passed as assessed by an external examiner.

Both components (Coursework and Dissertation) must be passed for the degree of Masters in Physical Sciences in Medicine to be awarded. No compensation between these two elements is available. Successful completion of the course work (i.e. a pass in all components), but not the dissertation, will result in a Postgraduate Diploma being awarded to the student. Should a Diploma award be made, the graduate cannot re-register for the course in order to complete it for the Masters in Physical Sciences in Medicine degree. An external examiner monitors the assessment process.

31.5 Location: The course is taught primarily at the Trinity Centres for Health Sciences at St. James’s Hospital; the Education Centre, Adelaide and Meath incorporating the National Children’s Hospital, Tallaght; and the Education Centre, St. Luke’s Hospital. Some lectures and practicals / demonstrations are held in St. James’s Hospital or other Hospitals and institutions as appropriate.

31.6 Course Co-ordinator: Dr Gerard Boyle

31.7 Course Track Co-ordinators:
- Core: Dr Neil O’Hare
- Diagnostic Radiology: Dr Geraldine O’Reilly
- Radiation Therapy: Dr Brendan McClean
- Clinical Engineering: Dr Gerard Boyle

32. Psychoanalytic Psychotherapy (M.Sc.)

(There is no intake in 2009/10)

32.1 Introduction: The course provides a comprehensive conceptual and critical understanding of the theoretical basis of psychoanalytic psychotherapy, as well as a thorough training in the application of psychoanalytic theory to psychoanalytic clinical practice. It provides a structured and comprehensive postgraduate training in the practice of psychoanalytic psychotherapy with adults. The aim of the programme is to provide a thorough training in psychoanalytic theory from Freud through Klein, Bion, Winnicott, and the Independent Tradition, while strongly emphasising the aspect of clinical training with adults.

32.2 Admission Requirements: Applications are invited from candidates who are graduates of recognised University courses, with a 1st or 2nd class honors degree. In certain circumstances, applications may be considered on the basis of professional experience and/or qualification.

32.3 Course Structure: The course extends over three years. The formal teaching schedule takes place on one evening and one full day per week. The course, including assessment, is the equivalent of 90 ECTS. The course taught modules (worth 60 ECTS) include:

1. Psychoanalytic Theory (5 ECTS)
2. Clinical Concepts (5 ECTS)
3. Development and Attachment Theory (5 ECTS)
4. Psychopathology (5 ECTS)
5. Psychiatric Placement (5 ECTS)
6. Infant Observation (5 ECTS)
7. Group Experience (5 ECTS)
32.4 Assessment: Academic assessment will be based on:
1. A dissertation of 12,000 - 15,000 words and oral examination (30 ECTS)
2. Term essays, infant observation paper and a final written examination

32.5 Clinical Assessment: Clinical work is assessed on a continuous basis, and students must be deemed satisfactory by their clinical supervisor. Progress through the course is conditional on a yearly assessment.

32.6 Course Requirements: Students who pass the taught modules and the dissertation are eligible for the award of M.Sc. in Psychoanalytic Psychotherapy.

32.7 Course Director: Professor Michael Fitzgerald  
Course Co-ordinator: Ms Julie A Carmody

33. Respiratory Physiotherapy (M.Sc./P.Grad.Dip.)

33.1 Introduction: The aim of this course is to develop physiotherapists’ knowledge and skills in the physiotherapy management of the patient with respiratory disorders and to objectively evaluate their practice through research.

33.2 Admission: Suitable candidates for the course will be Physiotherapists with a relevant undergraduate degree leading them to be eligible for membership of the Irish Society of Chartered Physiotherapists.

33.3 Location: The course will be mainly based in the Trinity Centre for Health Sciences, St James’s Hospital and in the Clinical Physiotherapy Department in St James Hospital.

33.4 Course Content: The course will take place on a two year part-time basis and will include the following modules:
- Cardiovascular and Respiratory Physiology (10 ECTS)
- Exercise Prescription (10 ECTS)
- Clinical Exercise Prescription (5 ECTS)
- Research Methods and Statistics (10 ECTS)
- Physiotherapy in Respiratory Medicine (20 ECTS)
- Health Policy and Management (5 ECTS)
- Research Dissertation (30 ECTS)

33.5 Assessment: Students must achieve 50% in each module of the course, including the dissertation, to fulfil criteria for the award of the M.Sc. in Respiratory Physiotherapy. Students will be required to complete a research dissertation of approximately 12,000 words. This research project will be carried out in the second year. Each student will be assigned a supervisor whom they will meet with at regular intervals. The student will be required to submit a research proposal and an ethics application prior to commencing the data collection. At the end of this module the student will present their research findings in a dissertation format and paper format. The dissertation will follow the following format: Literature review, Research Methodology, Results, Discussion. The student will also submit a report of the research in a paper format of no more than 3,500 words.

33.6 Course Director: Dr Juliette Hussey
34. Sports and Exercise Medicine (M.Sc.)

34.1 Introduction: This course is offered in the Faculty of Health Sciences by the Department of Anatomy (Human Performance Laboratory). The course is specifically designed for qualified medical doctors and chartered physiotherapists who have a keen interest in sports, particularly those who are currently involved in sport. The aims of this course are
1. To present a scientific basis for the study of all aspects of Sports and Exercise Medicine
2. To outline a comprehensive programme for injury prevention and treatment
3. To define guidelines for the scientific monitoring and training of athletes
4. To enable participants to identify practices for various age groups
5. To expose participants to a wide range of specialities relevant to sport and exercise.

34.2 Admission Requirements: Applicants should be well-qualified medical graduates, and chartered physiotherapists (minimum upper second class honors degree) with minimum one year’s post qualification experience. Selection will be made by curriculum vitae in early May of year of entry.

34.3 Duration: The course is of one year’s duration, full-time, five days a week during the three teaching terms of the year.

34.4 Course Structure/Content: The topics dealt with in the course are: acute injuries, basic exercise biochemistry, cardiology, clinical anatomy, computer applications in data analysis, dermatology, dentistry, exercise physiology, ear, nose, throat, emergency medicine (including CPR), individual sports, medical records, ophthalmology, orthopaedics, paediatrics, pharmacology, physiotherapy, podiatry, psychology, radiology, respiratory physiology, resistance training, sports nutrition, sports equipment, statistics and women in sport. The M.Sc. is the equivalent of 90 ECTS, and is comprised of the following modules:

<table>
<thead>
<tr>
<th>Module</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic and Clinical Anatomy</td>
<td>10</td>
</tr>
<tr>
<td>Sports and Exercise Physiology</td>
<td>10</td>
</tr>
<tr>
<td>Scientific Research, Design and Data handling</td>
<td>10</td>
</tr>
<tr>
<td>Sports and Exercise Medicine</td>
<td>10</td>
</tr>
<tr>
<td>Clinical examination, clinical skills and sports clinics</td>
<td>10</td>
</tr>
<tr>
<td>Basic and Clinical Anatomy</td>
<td>10</td>
</tr>
<tr>
<td>Research Project</td>
<td>30</td>
</tr>
</tbody>
</table>

34.5 Assessment: Incourse and official end of term examinations consist of:
(a) Written examination – Multiple Choice Questions and Short Answer Questions
(b) Practical examinations – competence in musculoskeletal examination techniques, clinical cases, athletic assessment.

All ECTS modules must be passed (>50%). No compensation between written papers and clinical examination. The dissertation can only be undertaken when interim assessments have been completed successfully. The degree is externally monitored and examined.

34.6 Honorary Course Director: Professor Moira O’Brien

34.7 Course Co-Ordinators: Dr Nicholas Mahony and Mr Bernard Donne

Postgraduate Diplomas

Some Masters courses have the option of a Postgraduate Diploma in cases where the taught course has been satisfactorily completed but a dissertation has not been submitted. Such P.Grad.Dip. courses are not detailed below as they are not open to entry as separate
options from their parent Masters course *i.e.* students apply for entry to the appropriate Masters course.

35. Biomedical Sciences (Intercalated) (M.Sc./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See entry 6 above.

36. Cardiovascular Rehabilitation and Prevention (M.Sc./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See entry 8 above.

37. Clinical Chemistry (M.Sc./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See entry 10 above.

38. Clinical Dentistry (P.Grad.Dip.)

38.1 *Introduction:* This course is offered in the Faculty of Health Sciences by the School of Dental Science.

38.2 *Aims:* This course aims to update dental practitioners by teaching the academic basis and practical skills required for contemporary dental practice in the light of recent innovations and changes.

38.3 *Admission Requirements:* Practitioners are required to hold a Bachelors Degree in Dental Science or its equivalent, be registered with the Dental Council and should ideally have three years or more recognised experience in postgraduate dental practice. Furthermore, they should possess their own professional indemnity insurance and present evidence of vaccination against hepatitis B virus.

38.4 *Duration:* The course consists of a core module, held immediately before the start of a new intake, followed by the successful completion of six modules. Students are required to select six of the modules offered, which best suit their individual practice needs. Each module consists of eight, 3-hour clinical and didactic sessions, run weekly over eight consecutive weeks. All students will have completed (at least) 150 contact hours of tuition. All efforts will be made to accommodate students in their chosen modules, but the school of Dental Science reserves a degree of flexibility according to demand.

38.5 *Course Structure:* the compulsory core module (10 ECTS) covers:
1. Cross Infection Control in Contemporary Dental Practice
2. Interpretation of Scientific Data and Statistics
3. Critical Reading of the Literature
4. Medical Emergencies in Dental Practice (including CPR Practical)
5. Library Services and Orientation
6. An induction/orientation session in the hospital clinic including familiarisation with equipment and the School's standing operational policies.

The optional modules offered are:
1. Adhesive Dentistry (10 ECTS)
2. Removable Prosthodontics (10 ECTS)
3. Fixed Prosthodontics (10 ECTS)
4. Periodontal Therapy (10 ECTS)
5. Endodontics (10 ECTS)
6. Oral Medicine (10 ECTS)
7. Dento-Alveolar Surgery (10 ECTS)
8. Paediatric Dentistry (10 ECTS)
The programme is open to a maximum of 40 students at any one time. Modules will run up to three times a year according to demand. The School reserves the right to offer alternative courses subject to staff availability in any given year.

38.6 **Satisfactory Progress:** Students whose progress is unsatisfactory either academically or clinically, may be excluded from any further participation in the course at any time by the Dean of the Dublin Dental School and Hospital and the Dean of Graduate Studies, who will act in consultation with and on the advice of the Course Co-ordinator.

38.7 **Assessment:** Assessment of each module is by completion of clinical tasks (competencies), and by Objective Structured Clinical Examinations (OSCEs) at the end of each module. The assessment process is monitored by an external examiner. Students are awarded the Postgraduate Diploma on successful completion of their six chosen modules. The course is taught in the Dublin Dental School and Hospital.

38.8 **Course Co-ordinator:** Dr Osama Omer


39.1 **Introduction:** This Postgraduate Diploma in Clinical Engineering (Equipment Management) is concerned with the training and education of scientists, engineers and technicians who will provide clinical engineering/equipment management services to hospitals, either through direct employment or employment in companies selling their services to hospitals. It will avail of the framework of the Haughton Institute to facilitate a rich mixture of in-service elements with a well developed academic basis. The programme will focus on the vocational needs of those who intend to follow a career in clinical engineering/equipment management. It is offered by the Faculty of Health Sciences, with support from the Faculty of Engineering, Mathematics and Science.

39.2 **Aim:** The course is developed to ensure that the candidates will attain an appropriate level of academic knowledge, practical training and experience which will benefit the management of hospital electromedical equipment. The student will be required to study a number of foundation and core subjects, taught through a programme of lectures and seminars, and to partake in a work placement. These will be formally assessed and will lead to a Postgraduate Diploma in Clinical Engineering (Equipment Management). The lectures will provide students with an introduction to the theory behind the technology encountered in a modern hospital and will enhance their knowledge of the clinical engineering field through the study of topics which may not have been covered as part of their science/engineering education.

39.3 **Admission Requirements:** Applications for admission will be accepted from those who are employed in an organisation in which the level of clinical engineering is deemed to be sufficient by the course committee, and who has:

1. a H.E.T.A.C. Diploma in the Physical Sciences or in an Engineering subject or
2. a degree in the Physical Sciences or in an Engineering subject or
3. hold qualifications obtained by examination which are deemed to be at a level equivalent to the required qualifications as specified above or
4. otherwise satisfy the course admission committee that they have the ability to complete and benefit from the course.

Applicants meeting these requirements will be interviewed by the course admission committee.
39.4 **Duration:** The programme will run over one calendar year on a part-time basis. Students will be required to attend lectures one day a week during college term. Every five to six weeks this one day commitment will be increased to three days when seminars will be run.

39.5 **Course Structure:** The Postgraduate Diploma will incorporate both taught and practical components. The taught component will consist of an academic programme which will be delivered through a series of lectures grouped into modules. This will be supplemented by a number of short seminars and/or workshops which will consist of lectures and practical training. The academic programme and the seminars are structured so as to complement each other and some of the lectures may be delivered as part of the seminar programme.

39.6 **Syllabus:** The Diploma is the equivalent of 60 ECTS, and is comprised of the following modules:
- Basic Medical Sciences (5 ECTS)
- Medical Instrumentation and Technology (20 ECTS)
- Medical Imaging Systems and Technology (10 ECTS)
- Physiological Monitoring, Haemodialysis and Life Support Technology (15 ECTS)
- Management Skills (5 ECTS)
- Health and Safety (5 ECTS)

39.7 **Assessment:** Assessment of the student will be by written examination and continuous assessment of practical work and training undertaken. The assessment will be subject to external moderation.

39.8 **Location:** The course will be delivered mainly in the Trinity Centre at St. James’s Hospital and at the Medical Physics and Bio-Engineering Department in St. James’s, with parts of the programme being delivered in other College departments and hospitals as required.

39.9 **Course Co-ordinator:** Mr Fran Hegarty

---

40. **Clinical Health Sciences Education (P.Grad.Dip.)**

40.1 **Introduction:** This course is intended to facilitate health service professionals to develop their clinical and classroom teaching skills and to give them skills in curriculum design, development and evaluation.

40.2 **Admission Requirements:**
1. Registration as a health sciences professional with the appropriate body and working in a relevant area; and
2. Three years clinical experience since first registration which must include experience of interaction with students or learners, excluding postgraduate study; and
3. An honors degree in a relevant discipline or equivalent professional and academic qualifications; and
4. Satisfy the course committee that they meet the criteria to complete and benefit from the course, and have evidence of recent and relevant experience.

In order to be eligible to apply to the tutor’s division of the register held by An Bord Altranais, nurses and midwives who are successful on this course are also required to hold a Masters degree.

40.3 **Duration:** One academic year, part-time.

40.4 **Course Structure:** The course commences with one full study week and continues with the equivalent of two full days of study per week. The course comprises a series of modules covering the theory and practice of health sciences education, educational...
psychology, curriculum development and research/quality improvement aspects of health sciences education.

40.5 Modules and European Credit Transfer System (ECTS):

<table>
<thead>
<tr>
<th>Modules</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theory and Practice of Clinical Health Sciences Education</td>
<td>10</td>
</tr>
<tr>
<td>Facilitating learning in the practice environment</td>
<td>10</td>
</tr>
<tr>
<td>The Psychology and Sociology of Education</td>
<td>10</td>
</tr>
<tr>
<td>Curriculum Issues in CHSE</td>
<td>10</td>
</tr>
<tr>
<td>Quality Improvement in Health Sciences Education</td>
<td>20</td>
</tr>
</tbody>
</table>

Nurses and midwives who wish to be accepted onto the An Bord Altranais register of nurse tutors, who already hold a Masters degree (or equivalent), but who do not hold a Masters or Bachelors degree (or equivalent), in nursing or midwifery, will be required to undertake one further module: Advancing the Theoretical Foundations of Nursing/Midwifery.

The P.Grad.Dip. is the equivalent of 60 ECTS.

40.6 Assessment: A combination of written and practice assessments are used. The pass mark is 50%. All practice assessments must be passed without compensation.

40.7 Course Co-ordinator: Ms Annemarie Malone

40.8 This course will run only if there is a minimum number of students.

41. Cognitive Psychotherapy (P.Grad.Dip.)

41.1 Introduction: The Postgraduate diploma course introduces the student to the basic theory of cognitive therapy and customised applications of this model to a range of clinical syndromes. The curriculum emphasises a knowledge of cognitive behavioural models, concepts and methods; competence in developing cognitive case formulations; devising and implementing individual treatment programmes for a range of emotional disorders, and evaluating their effects; understanding the links between cognitive therapy and developmental and cognitive psychology; ethical issues in practising psychotherapy.

41.2 Admission Requirements: This course is offered as a specialised post-qualification course that builds on relevant knowledge and skills already possessed by prospective candidates. Suitable candidates for the course will be:

- a) currently employed in a healthcare setting and providing counselling or psychotherapy as part of their work, and;
- b) will have achieved a recognised third level qualification in a mental health profession (e.g. psychology, nursing, social work, medicine), and;
- c) have relevant clinical experience and/or evidence of recognised foundation training in counselling/psychotherapy, and:
- d) will have two years postgraduate experience.

41.3 Duration: One year

41.4 Course Content: In the Postgraduate Diploma year, the overall curriculum emphasises the following learning objectives:

- assessing the scope of presenting difficulties and agreeing specific therapeutic goals
- building and maintaining a therapeutic alliance through collaboration and feedback
- developing individual cases formulations
- applying cognitive and behavioural interventions in a clinically sensitive manner
- fostering resilience and creativity in clients through self-help assignments
• terminating therapy and preparing clients for inevitable lapses in their recovery

These clinical aspects of cognitive therapy are the exclusive focus of the first term. In the second term, the application of these skills to specific disorders, e.g. depression, panic disorder, OCD, social phobia, PTSD and psychosis, will be presented. In the final term there will also be some teaching on coping with adverse life conditions, e.g. cancer, and an introduction to schema-focused cognitive psychotherapy which emphasises the working through of early experiences of loss, abuse, shame and other traumas. The course will conclude with a focus on the application of CBT in groups and within multidisciplinary teams.

This course will offer the opportunity to explore in depth the theory and practice of cognitive psychotherapy. It is aimed to equip students with the knowledge and skills to use cognitive psychotherapy consistently and effectively in their work place. By the end of the course students should be competent to assess and treat acute (Axis I) emotional disorders and be acquainted with the concepts and methods of schema-focused cognitive psychotherapy, which are more appropriate to long-term and recurrent disorders.

Students are encouraged to develop the ability to communicate professionally the key principles of cognitive psychotherapy, through case presentations to mental health colleagues and through achieving competence in writing theoretical reviews and case formulations which illustrate different treatment approaches within cognitive psychotherapy. At all times, an attitude of enquiry and creativity is encouraged in students, who may need to adapt to the unique outcome of each patient.

41.5 Assessment / Progression: Students must attend at least 75% of lectures, tutorials and supervision sessions per term to fulfil criteria for the award of the Postgraduate Diploma. Students must complete 20 supervised clinical hours with patients per term and have completed the treatment of 3 cases before the end of the course.

Students will be expected to undertake regular audiotaped/videotaped clinical work using the principles of cognitive psychotherapy. The tapes must be brought into supervision sessions and two tapes must be submitted to their Supervisor each term for rating using the Cognitive Therapy Scale. Students are also required to complete all written assignments by the end of each term. Failure to do so will be reviewed by the course director and may result in the student not being allowed to progress to subsequent modules of the course until they are satisfactorily completed.

A score of more than 50% must be achieved on all written assignments. It is possible to compensate for a mark between 40% and 50% on one written assignment if a score of at least 60% has been achieved in other written assignments. Students who fail the written assignments in any term will meet with the Course Director at the beginning of the following term and may be assigned an academic Supervisor to support them making improvements in their submitted written assignments. This supplementary academic supervision will take place outside of the normal course timetable and will be arranged by the Course Director.

Throughout the course, clinical performance will be evaluated using the CTS. The trainee must obtain a pass score on all subscales in order to meet criterion for the award of Diploma. Pass scores mean that the student is carrying out adequate and recognisable Cognitive psychotherapy. Failure to reach this standard will mean that a Postgraduate Diploma cannot be awarded.

It is not possible to use high scores in written assignments to compensate for inadequate clinical performance. For the award of a Diploma with Distinction all submitted assignments (written assignments and tapes rated using CTS) must attract a mark of more than 70%.

41.6 Location: The Course will be based in the Medical Teaching Centre in St Patrick’s Hospital, with library facilities in both St Patrick’s Hospital, the John Stearne Medical Library in St James’s Hospital and the Trinity College Dublin campus.

41.7 Course Director: Dr Brian Fitzmaurice
42. Community Pharmacy (P.Grad.Dip./M.Sc.)

Students register on the Postgraduate Diploma in the first instance. See Entry 11 above.

43. Conscious Sedation in Dentistry (P.Grad.Dip.)

43.1 *Introduction and Admission Requirements:* Applicants for the award of P.Grad.Dip. in Conscious Sedation in Dentistry must have held a recognised degree in dentistry for at least two years. The course of study will be 18 months part-time. A student is required to attend a course of study and to pass written and clinical examinations. The aim of the Postgraduate Diploma in Conscious Sedation in Dentistry is to provide an educational Programme that will equip dentists with the knowledge and experience to safely and effectively use conscious sedation techniques in their own clinics to the highest national and international standards both safely and independently. The course also aims to develop an ability to critically analyse professional literature.

43.2 *Course Content:* The student will be required to attend for 11 teaching days and 20 clinical sessions. The main topics of are: Applied Biology Science, Professional Literature Appraisal, Clinical Skills & Medical Emergencies, Intravenous Conscious Sedation, Alternative Conscious Sedation Techniques, Legal issues and Pain Control. In addition to the course of study and examinations, a student must present an essay-based project on professional literature review of a topic, clinical competencies and submit an essay-based project.

Two months prior to the completion of the course of study, a student must submit copies of the essay-project to the Director of the Course. A Professional Postgraduate Diploma in Conscious Sedation in Dentistry is awarded on passing all components of the course.

A student whose progress is unsatisfactory either academically or clinically, may be excluded from any further participation on the course at any time by the Dean of Graduate Studies, who will act in Consultation with the Dean of the Dental School and Director of Teaching and Learning (Postgraduate) of the School of Dental Science on the advice of the appropriate Head of Division and the Course Director.

<table>
<thead>
<tr>
<th>Module</th>
<th>Title</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Applied Biology relevant to Conscious Sedation</td>
<td>10</td>
</tr>
<tr>
<td>2.</td>
<td>Professional Literature Appraisal</td>
<td>10</td>
</tr>
<tr>
<td>3.</td>
<td>Clinical Skills and Medical Emergencies</td>
<td>10</td>
</tr>
<tr>
<td>4.</td>
<td>Intravenous Conscious Sedation</td>
<td>10</td>
</tr>
<tr>
<td>5.</td>
<td>Anxiety Control and other conscious sedation techniques</td>
<td>10</td>
</tr>
<tr>
<td>6.</td>
<td>Legislation, Ethics and Clinical Governance</td>
<td>5</td>
</tr>
<tr>
<td>7.</td>
<td>Pain Control</td>
<td>5</td>
</tr>
</tbody>
</table>

43.3 *Assessment:* Candidates will be assessed throughout the course by:

- Written examination
- Course work and essays
- Presentation
- Web based tests
- Literature review project
- Professional Practice Placement /log book.

Continuous assessment: Each student is assessed on his or her theoretical and clinical skills.
Written examinations: The written assessments consist of multiple choice questions and short answer questions and are held throughout the course. A combined result of 50% is required in each module before the Final Examination can be attempted.

Logbook: The students must complete a reflective logbook of all cases with which they are involved in either assessment or treatment, which is submitted and marked as part requirement before sitting the Final Examination.

Professional Practice: Professional skills and practice are an integral part of the course and allow the students to consolidate theory and practice. The placements for these clinical sessions take place in the DDSH and St. Mary's Hospital Phoenix Park, Dublin. Students undertaking the Postgraduate Diploma undertake 20 clinical sessions which have a direct contact time of approximately 80 hours.

Professional clinical practice assessment procedures: Students are required to undertake clinical competency assessment and complete a portfolio. The assessment of clinical competency focuses on specialist competency and on accumulated learning, which will be discussed on a one-to-one basis as part of these sessions. Each competency must be clearly documented and has to be signed by the clinical supervisor. Agreed learning outcomes are formulated, which outline the areas that will need to be reviewed. All competencies must be successfully completed before the Final Examination is attempted. Arrangement will be made for the student to repeat the competency within two months if a Pass is not achieved.

Final Examination: To sit the Final Examination the student must have passed the examinations as part of the continuous assessment and achieved a combined pass rate of 50%. In addition, all competencies, written assignments, clinical portfolio and presentations must have been passed. The Final Examination consists of written and oral sections. A written paper is of 2 hours duration comprising of multiple choice questions and short questions. The oral section comprises three orals of 30 minutes duration including literature appraisal, clinical skills and conscious sedation techniques.

A student who fails any part of the Final Examination, at the discretion of the Board of Examiners may sit a supplemental examination in the September after the Final Examination to complete the course. Failure at the first attempt of a written assignment can be overcome with arrangements in place for a re-submission before the end of the first 9 months.

Pass Standard for Written Assessment is 50%

The Clinical portfolio logbook must be handed into the Course Administrator one month before sitting the Final Examination for evaluation and marking, and this section must be passed before the Final Examination is sat.

43.4 Classification of award: The Diploma will be unclassified but a Distinction will be awarded if a mark greater than 70% is obtained.

43.5 Director of Course: Professor Leo FA Stassen

44. Exercise Physiology (M.Sc./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See Entry 12 above.

45. Gerontological Nursing (M.Sc./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See Entry 13 above.
46. Gynaecology and Obstetrics (P.Grad.Dip.)
(There is no intake in the 2009/2010 academic year)

46.1 Introduction: The Postgraduate Diploma in Gynaecology and Obstetrics is granted to registered medical practitioners who, having completed the requisite courses of instruction, have passed the examination for the diploma. This examination is of an advanced standard.

46.2 Admission Requirements: In order to be eligible for admission to the courses for the Postgraduate Diploma, a candidate must:
1. be registered as a medical practitioner and have completed at least one year in the specialty following registration
2. have possessed for a period of not less than two calendar years a qualification which is acceptable for registration with the Medical Council, 8 Lr. Hatch Street, Dublin 2 and
3. have a good knowledge of the English language, certified by a pass in a recognised International English Language Assessment. English and Medical Modules e.g. E.L.P.T, F.M.G (T.O.E.F.L), or P.L.A.B.

The number of practitioners who can be admitted to the courses is strictly limited. Preference is given to applicants from developing countries who have not previously had the opportunity of external postgraduate study or experience. Application for admission to the course should be made on a special form, which may be obtained from the Graduate Admissions Office, Trinity College, Dublin 2, to whom the completed application form should be returned. An application must be accompanied by a passport-size photograph, certified on the back as being a true likeness of the applicant. Original certificates should not be sent with the application form.

No candidate should come to Dublin in the hope of studying for the Postgraduate Diploma unless s/he has received a notification from the Dean of Graduate Studies that a place is reserved for him/her.

Before the commencement of the course, each candidate is required to produce at the Medical School office (a) his/her original certificate of qualification as a medical practitioner, and (b) his/her original certificate of registration as a medical practitioner.

46.3 Duration: The courses cover a period of six months (October - March) and are given as follows:

Instruction at Trinity College: This is given during two winter terms (October to March) in anatomy of the female pelvis, embryology of the pelvic viscera, physiology of reproduction, gynaecological and obstetric pathology and its practical application. Days and hours of instruction in Trinity College are announced at the beginning of the session in October, and only those members of the class who have regularly attended the courses of instruction provided are permitted to enter for the examination.

Instruction at the Maternity Hospital: This consists of six months' clinical instruction at the Rotunda hospital and other teaching Hospitals of Trinity College. Clinical and theoretical instruction is provided in obstetrics, gynaecology and neo-natal paediatrics. Satisfactory attendance is required.

46.4 Course Structure: The course including assessment is the equivalent of 60 ECTS, and is comprised of the following modules:

1. Obstetrics (20 ECTS)
2. Gynaecology (20 ECTS)
3. Anatomy and Pathology (10 ECTS)
4. Neonatology (10 ECTS)

46.5 Examination: The examination, for the Postgraduate Diploma on the subjects of the course is held by the University of Dublin in March (at the conclusion of the course); a supplemental examination may be held in June. The pass mark is 50%. The diploma may be awarded with distinction where the candidate achieves an overall mark of 70%, which must include a mark of 70% or more in the clinical examination in Obstetrics and Gynaecology.
46.6 Fees: Enquiries regarding fees for maintenance at the maternity hospital must be made to the Department of Obstetrics and Gynaecology, Trinity College. Immediately on being notified that a place is provisionally reserved on the course, a successful applicant must confirm acceptance and forward the fee deposit. Under special circumstances, the fee deposit may be carried forward for a maximum of one year but is not refunded if the applicant fails to report for the course. The remaining course fees must be paid in total before registration for the course.

46.7 Course Co-ordinator: Dr Ronan Patrick Gleeson

47. Health Informatics (M.Sc./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See entry 14 in the Faculty of Engineering, Mathematics and Science for further details.

48. Medical Imaging (M.Sc./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See Entry 18 above.

49. Mental Health (M.Sc./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See Entry 19 above.

50. Midwifery (P.Grad.Dip.)

50.1 Introduction: Two Postgraduate Diplomas in Midwifery courses are available. One course is taught by The Rotunda Hospital, Dublin, in association with the School of Nursing and Midwifery, and the second by The Coombe Women and Infant’s University Hospital, Dublin 8, in association with the School of Nursing and Midwifery. The courses are designed to develop midwives with the knowledge, skills and attitudes necessary to become competent, analytical and reflective practitioners thus enabling them to provide care in a manner that benefits women and their families.

50.2 Admission Requirements: Registration as a nurse in the General Nurses Division of the Active Register with An Bord Altranais.

50.3 Duration: Two-year, full-time, during which time students are employed either by The Rotunda Hospital, Dublin, or The Coombe Women and Infant’s University Hospital.

50.4 Course Content: The courses comprise both classroom and practice components and incorporate midwifery theory and practice, management, legal and ethical aspects of midwifery practice, and research appreciation.

50.5 Assessments and examinations: Continuous assessment of both the practice and theoretical components of the course will be used and written examinations are undertaken each year. The pass mark is 50%. Students must pass independently both written and practice assessments. All practice assessments must be passed without compensation, and compensation is not permitted between written and practice assessments. Failure of written and/or practice assessments means failure of the course. Successful candidates will be eligible to apply to An Bord Altranais to have their names entered in the Midwives Division of the Register.

50.6 Applications: No new applicants are being admitted to this course.
51.1 Introduction: There has been an enormous growth in our understanding of how basic biological processes take place at a molecular level in recent years. Molecular Medicine is a new field that exploits advances in molecular and cellular biology to characterise how normal cellular processes either fail, or are subverted, in disease. Advances in this area are continuing at an explosive pace and with them comes an ever sharper focus on the essential molecular mechanisms underlying the normal functioning of cells, tissues and organisms. Increasingly, medical practitioners, professionals and researchers in the health and life sciences need to be able to understand, evaluate and apply advances in molecular medicine in order to keep abreast with developments in their fields. This programme offers a comprehensive and thoroughly up-to-date overview of the area, which will allow participants to critically evaluate the literature and understand the central concepts. In addition to a comprehensive theoretical focus, the programme emphasises an understanding of the practical aspects of molecular medicine.

The Diploma in Molecular Medicine is designed to make available a high quality course to those individuals who cannot avail of a full-time programme, due to the high demands it makes on a candidates time. Thus the diploma may be an attractive option for, among others, those working in business, industry, clinical, or other disciplines, who wish to gain a comprehensive knowledge in this area with a view to professional progression or going on to do a higher degree.

51.2 Admission Requirements: Candidates should normally have a minimum of an upper second class honors degree or equivalent in a biological science, a clinical science such as medicine, dentistry or veterinary; a pharmaceutical science such as pharmacy, or related area. However, individuals with other appropriate professional or industrial experience (for example those working in the life sciences sector) will also be considered. The candidate may be interviewed to establish his/her suitability for the course at the discretion of the course Co-ordinators.

51.3 Course Structure: The course is available in a one-year part-time format. It includes lectures on cellular biology and molecular genetics as they apply generally to normal cell and tissue function and to disease processes. Advanced modules cover topics such as molecular oncology, signalling, development and therapeutics, immunology and infectious agents. A selection of topics on issues such as bioinformatics, research methodology, statistics and ethical-legal aspects of the discipline form part of a core ‘Research skills’ module.

Participants are also required to complete a written review of a relevant part of the literature as part of this. Students are also required to take a week-long practical module in either cell or molecular biology. The course is equivalent to 60 ECTS which the student may choose, in consultation with course co-ordinators, from the modules below. Research skills and laboratory practical are required modules.

Core Modules
• Research skills (20 ECTS)
• Laboratory practical (10 ECTS)

Modules to the total value of 30 ECTS should be chosen from the following:
• Introductory cell biology and cell signalling mechanisms (5 ECTS)
• Introduction to genetics and development (5 ECTS)
• Human Genetics (5 ECTS)
• Molecular and cellular Immunology (5 ECTS)
• Molecular Oncology (5 ECTS)
• Infectious agents biological and clinical applications (5 ECTS)
• Molecular mechanisms of human disease I (5 ECTS)
• Molecular mechanisms of human disease II (5 ECTS)
• Advanced diagnostics and therapeutics (5 ECTS)
• Nanomedicine and medicinal chemistry (5 ECTS)
High Content Screening and Analysis (5 ECTS)

51.4 Course Assessment: Candidates are examined on the basis of the submitted critical literature review essay, written examinations of the modules undertaken, and assessment of laboratory practical write-up. Examinations will be undertaken at the end of each term. Candidates will be expected to achieve a pass mark of 50% overall in both their written exams and their literature review. Supplementary exams will only take place in cases where candidates cannot sit exams due to illness, or other exceptional circumstances as decided by the course co-ordinators.

51.5 Course Co-ordinators: Dr Ross McManus, Dr Aideen Long, Dr Henry Windle, Dr Yuri Volkov, Professor Mark Lawler.

52. Oncological Nursing (P.Grad.Dip.)

52.1 Introduction: A Postgraduate Diploma in Oncological Nursing course is available. The programme is delivered by the School of Nursing, St. Luke’s Hospital in association with the School of Nursing and Midwifery, Trinity College, Dublin.

52.2 Aims:
1. to develop a competent pro-active professional with a heightened sensitivity to the many physical and psychological components of individual reactions to health, illness and particularly cancer
2. to provide the registered nurse with the knowledge, skills and attitudes necessary to provide a holistic approach to caring for the patient diagnosed with cancer
3. to facilitate the registered nurse to develop into a more caring, reflective and enquiring practitioner, capable of planning, implementing and evaluating care based on research and scientific theory.

52.3 Admission Requirements:
1. Current registration on the appropriate nursing division of An Bord Altranais Active Register
2. Two years post-registration clinical experience since first registration
3. Twelve months experience (within the last two years) in the speciality at the time of application or otherwise satisfy the selection committee that they have the relevant clinical experience for the course
4. Candidates whose first language is not English must produce evidence of competency in English (e.g. TOEFL or IELTS) prior to application
5. Candidates must also fulfil one of the following:
   • Diploma in Nursing Studies or equivalent Nursing Diploma
   • Having successfully completed the TCD Access to Nursing Degree programme or equivalent
   • Evidence of study to Diploma Level equivalent in a subject allied to Health Care
   • Satisfy the selection committee that they have the academic ability to successfully complete the programme.
6. Additional criteria may be required by individual Health Service Providers.

52.4 Duration: One year, full-time.

52.5 Course Structure: The programme consists of core subject modules and specialist modules in oncological nursing.

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Core: 1. Research Dissemination in Clinical Practice</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2. Health Care Management and Quality Improvement</td>
<td>10</td>
</tr>
</tbody>
</table>

Specialist: 1. Oncology Nursing – Advancing Cancer Nursing Practice 1 10
52.6 Assessment and examinations: A combination of written assignments, examinations and clinical competencies are used. The pass mark is 50%. All assignments and examinations are externally moderated.

52.7 Course Co-ordinator: Ms Honor Nicholl

53. Palliative Care (M.Sc./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See Entry 26 above.

54. Pharmaceutical Analysis (M.Sc./P.Grad.Dip.)
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See Entry 27 above.

55. Pharmaceutical Manufacturing Technology (P.Grad.Dip./M.Sc.)
Students register on the Postgraduate Diploma in the first instance. See Entry 28 above.

56. Pharmaceutical Medicine (P.Grad.Dip.)

56.1 Introduction: This Diploma course is administered by the Department of Pharmacology and Therapeutics, in association with the Centre for Advanced Clinical Therapeutics, St James’s Hospital, Dublin. It has been developed to provide medical graduates with specialist knowledge and skills in the area of clinical pharmacology and pharmaceutical medicine. Intake is on an annual basis. There is also a direct entry to the M.Sc. course (see Entry 29 above).

56.2 Admission: Prospective students for the postgraduate diploma must hold a primary degree in medicine and must have a minimum of 2 years’ general medicine experience post-registration. Ideally candidates should have practical experience in pharmaceutical medicine (via employment in the pharmaceutical industry/contract research organisation, regulatory authority or academia).

56.3 Course Structure: The course involves completion of 10 taught modules (equivalent to 60 ECTS) as follows:
- Introduction to Pharmaceutical Medicine – 5 ECTS
- Biostatistics/Critical Appraisal – 5 ECTS
- Communication and Legal Issues in Drug Development – 5 ECTS
- Non-clinical Drug Development – 5 ECTS
- Clinical Drug Development – 5 ECTS
- Principles of Pharmacology and Therapeutics – 5 ECTS
- Principles of Drug Regulatory Affairs – 10 ECTS
- Drug Safety and Pharmacovigilance – 10 ECTS
- Pharmacoeconomics – 5 ECTS
- Emerging Issues in Pharmaceutical Medicine – 5 ECTS

The modules consist of formal teaching sessions and personal assignments and are run over 5 terms on a part-time basis (approximately 2 modules per term). Two of the modules are undertaken by way of distance learning (Principles of Pharmacology and Therapeutics and Drug Regulatory Affairs).
56.4 **Course Assessment:** Students are assessed by way of continuous assessment and are required to pass written, multiple choice and oral examinations at the end of their course.

56.5 **Location:** The course will be run in the Trinity Centre for Health Sciences, St James’s Hospital, Dublin 8.

56.6 **Course Director:** Dr Mary Teeling  
**Course Co-ordinator:** Dr MaryJo MacAvin

57. **Pharmaceutical Technology (M.Sc./P.Grad.Dip.)**  
Normally, direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See Entry 30 above.

58. **Physical Sciences in Medicine (M.Sc./P.Grad.Dip.)**  
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. Physical Sciences in Medicine. See Entry 31 above.

59. **Professional Midwifery Studies (M.Sc. Midwifery/P.Grad.Dip.)**  
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. Midwifery. See Entry 20 above.

60. **Professional Nursing Studies (M.Sc. Nursing/P.Grad.Dip.)**  
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. Nursing. See Entry 24 above.

61. **Respiratory Physiotherapy (M.Sc./P.Grad.Dip.)**  
Direct entry to the P.Grad.Dip. is not possible. Entry is only via the M.Sc. See Entry 33 above.

62. **Specialist Nursing (P.Grad.Dip.)**

62.1 **Introduction:** This programme is currently taught by the School of Nursing and Midwifery, Trinity College Dublin in collaboration with St. James’s Hospital; The Adelaide and Meath Hospital, Dublin incorporating the National Children’s Hospital, (AMNCH) at Tallaght; St Mary’s Hospital, Phoenix Park; Learning Disability Services in the Dublin Region; St Francis Hospice, St. Patrick’s Hospital, Psychiatric Services in the Dublin Region; Naas General Hospital, Connolly Hospital; Temple Street Children’s University Hospital.

All students undertake a core programme and, in addition, they may select to study in one of the following areas of specialist nursing:
- Accident and Emergency Nursing
- Burns, Plastic and Oro-maxillofacial Nursing
- Care of the Persons with Severe and Enduring Mental Illness
- Coronary Care Nursing
- Dementia Care for Persons with Intellectual Disability
- Haematology Nursing
- Intensive Care Nursing
- Orthopaedic Nursing
- Peri-operative Nursing with a choice to undertake one of the following options:
  - Anaesthetic/Recovery
62.2 **Aim:** To facilitate the qualified nurse working in specialist areas to become a more knowledgeable, analytical, reflective and caring nurse, capable of assessing, planning, implementing and evaluating specialist nursing care based on research and evidence-based practice.

62.3 **Admission requirements:**
1. Current registration on the appropriate nursing division of An Bord Altranais Active Register.
2. Two years post registration clinical experience since first registration.
3. Twelve months experience (within the last two years) in the speciality at the time of application or otherwise satisfy the selection committee that they have the relevant clinical experience for the course.
4. Candidates whose first language is not English must produce evidence of competency in English (e.g. TOEFL or IELTS) with their application.
5. Candidates must also fulfil one of the following:
   - Diploma in Nursing Studies or equivalent Nursing Diploma
   - Having successfully completed the TCD Access to Nursing Degree programme or equivalent
   - Evidence of study to Diploma Level equivalent in a subject allied to healthcare
   - Satisfy the selection committee that they have the academic ability to successfully complete the programme.
6. Additional criteria may be required by individual Health Service Providers.

62.4 **Duration:** One year

62.5 **Course structure:** The course commences in the autumn of each year. The course is composed of class contact time for core modules and class contact time for the individual specialist modules. The duration of each of these periods may vary in each programme.

<table>
<thead>
<tr>
<th>Course Module</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>research dissemination in clinical practice</td>
<td>10</td>
</tr>
<tr>
<td>health care management and quality improvement</td>
<td>10</td>
</tr>
</tbody>
</table>

Each specialist strand contains four specialist modules:

1. **Accident and Emergency Nursing:**
   - trauma nursing, 10
   - nursing management of medical emergencies, 10
   - nursing management of surgical emergencies, 10
   - nursing management of paediatric and mental health emergencies, 10

2. **Burns, Plastic and Oro-maxillofacial Nursing:**
   - burns, plastic and oro-maxillofacial: concepts and principles, 10
   - burns nursing: resuscitative, reparative and rehabilitative care, 10
   - plastic surgical nursing, 10
   - oro-maxillofacial nursing, 10

3. **Care of Persons with Severe and Enduring Mental Illness:**
   - psychotherapeutic interventions for persons with severe and enduring mental illness, 10
   - contemporary issues for psychiatric nursing, 10
   - nursing interventions for persons with severe and enduring mental illness and their carers (1), 10
   - nursing interventions for persons with severe and enduring mental illness and their carers (2), 10
4. Cardiovascular Care Nursing:
- principles of cardiovascular care nursing, 10
- assessment and management of the cardiovascular patient – 1 (acute coronary syndromes), 10
- assessment and management of the cardiovascular patient – 2 (heart failure/altered electrophysiology), 10
- interventions and adjunctive therapies for the cardiovascular patient 10

5. Dementia Care for Persons with Intellectual Disability:
- ageing and dementia assessment in persons with intellectual disability, 10
- nurse interventions for persons with dementia, a holistic approach to care, 10
- policy and service issues, 10
- palliative care-supporting persons with an intellectual disability and advanced dementia, 10

6. Haematology Nursing:
- management of haematological conditions (1), 10
- management of haematological conditions (2), 10
- nursing care of patients with coagulation disorders, 10
- living with a haematological condition, 10

7. Intensive Care Nursing:
- principles of intensive care nursing, 10
- assessment of the critically ill intensive care patient, 10
- nursing care and management of the critically ill patient: respiratory/ventilation, 10
- nursing care and management of the critically ill patient: multi-system dysfunction/trauma, 10

8. Orthopaedic Nursing:
- applied sciences and introduction to orthopaedic nursing, 10
- elective orthopaedic nursing, 10
- trauma orthopaedic nursing, 10
- paediatric, rehabilitation and rheumatology nursing, 10

9. Peri-operative Nursing:
- the foundation principles of peri-operative nursing, 10
- management of the surgical patient, 10
- applied science and health and safety issues, 10
- peri-operative department management/ selected option, 10

10. Promoting Enablement in Persons with a Physical Disability:
- the meaning and experience of physical disability, 10
- rehabilitation and physical disability, 10
- legal and ethical perspectives of nursing persons with a physical disability, 10
- a lifespan perspective on physical disability, 10

11. Renal Nursing:
- nephrology nursing, 10
- haemodialysis and allied therapies, 10
- peritoneal dialysis nursing, 10
- transplantation nursing, 10

The P.Grad.Dip. is the equivalent of 60 ECTS.

62.6 Assessments and examinations: A combination of theoretical and clinical assessments is used. The pass mark is 50% and limited compensation is permitted between theoretical assessments. Compensation is not allowed between clinical assessments. All examinations and assignments are externally moderated.

62.7 Course Co-ordinators: Ms Elizabeth Fahey McCarthy and Ms Eleanor Hollywood.
Higher Diplomas

63. Higher Diploma in Children’s Nursing

63.1 Introduction: This programme, which is currently taught by the School of Nursing and Midwifery, aims to develop and expand knowledge, skills and attitudes in nurses towards infants, children, their parents and family as a unit in society. The course is designed to equip nurses to deliver primary health care, acute, rehabilitative and palliative care as required and to foster the process of continuing education and research in children’s nursing practice.

63.2 Admission Requirements:
1. Be on at least one division of the register as held by An Bord Altranais
2. Be on the active register as held by An Bord Altranais
3. Have six months post-registration Clinical Nursing Experience
4. Have completed a Diploma programme in General, Intellectual Disability or Psychiatric Nursing; or, have completed a Trinity College Dublin Access Programme; or, have completed a Nursing Degree programme.
5. Have Garda clearance for working with children and adolescents

63.3 Duration: Twelve months full-time, during which time students are employed by the Adelaide and Meath Hospital, Dublin, incorporating the National Children’s Hospital at Tallaght.

63.4 Location: The programme is delivered on a TCD site for theory and clinical sites in the The Adelaide and Meath Hospital, Dublin, incorporating National Children’s Hospital at Tallaght and other selected sites.

63.5 Course content: Children’s nursing theory and practice, management, legal and ethical aspects of children’s nursing, research appreciation.

<table>
<thead>
<tr>
<th>Modules</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Children’s nursing</td>
<td>5</td>
</tr>
<tr>
<td>The Sick Child (Part A)</td>
<td>5</td>
</tr>
<tr>
<td>The Sick Child (Part B)</td>
<td>5</td>
</tr>
<tr>
<td>The adolescent and their family/The Health Child</td>
<td>5</td>
</tr>
<tr>
<td>Contemporary aspects of Children’s nursing</td>
<td>5</td>
</tr>
<tr>
<td>Children’s clinical practice placement Medical Nursing</td>
<td>10</td>
</tr>
<tr>
<td>Children’s clinical practice placement Surgical Nursing</td>
<td>10</td>
</tr>
<tr>
<td>Children’s clinical practice placement in Specialist Placements</td>
<td>10</td>
</tr>
</tbody>
</table>

The H.Dip. is the equivalent of 60 ECTS.

63.6 Assessments and examinations: Continuous assessment of both practical and theoretical work will be used and a written examination will be undertaken. The pass mark is 50% and all clinical assessments must be passed without compensation. Successful candidates will be eligible for registrations as a RCN with An Bord Altranais.

63.7 Course Co-ordinator: Ms Carole King

63.8 This course will run only if there is a minimum number of students
64. Higher Diploma in Midwifery

64.1 Introduction: This course is taught by the School of Nursing and Midwifery, in partnership with The Rotunda Hospital, Dublin and The Coombe Women and Infant’s University Hospital, Dublin. The course is designed to develop midwives with the knowledge, skills and attitudes necessary to become competent, analytical and reflective practitioners thus enabling them to provide care in a manner that benefits women and their families.

64.2 Admission Requirements:
Applicants must satisfy the following minimum entry criteria:

a. Must be a registered general nurse on the General Nurse Division of the register maintained by An Bord Altranais

b. Be currently on the Live Register maintained by An Bord Altranais

c. Have a minimum of 6 months full-time recent clinical nursing practice or equivalent since registration as a general nurse

d. Have a relevant academic qualification, preferably to degree level

e. Satisfy the selection committee that they have the ability to complete and benefit from the course

64.3 Duration: 18 months full-time, during which time students are employed either by The Rotunda Hospital, Dublin, or The Coombe Women and Infant’s University Hospital.

64.4 Course Content: The course comprises both classroom and practice components and incorporate midwifery theory and practice, management, legal and ethical aspects of midwifery practice, and research appreciation. The table below lists the ECTS for this course.

<table>
<thead>
<tr>
<th>Module</th>
<th>Title</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Foundation Skills for Midwifery Practice</td>
<td>5</td>
</tr>
<tr>
<td>2.</td>
<td>Sharing the Woman’s Experience - Social Theory and Birth</td>
<td>5</td>
</tr>
<tr>
<td>3.</td>
<td>Core Midwifery Practice</td>
<td>5</td>
</tr>
<tr>
<td>4.</td>
<td>Adaptation in Pregnancy</td>
<td>5</td>
</tr>
<tr>
<td>5.</td>
<td>Midwifery Practice: Pathophysiology</td>
<td>5</td>
</tr>
<tr>
<td>7.</td>
<td>Lactation and Infant Feeding</td>
<td>5</td>
</tr>
<tr>
<td>8.</td>
<td>Midwifery Practice: Unexpected Outcomes of Pregnancy and Childbirth</td>
<td>5</td>
</tr>
<tr>
<td>9.</td>
<td>Being a Midwife – Personal and Professional Development</td>
<td>5</td>
</tr>
<tr>
<td>10.</td>
<td>‘Bring it all together’</td>
<td>5</td>
</tr>
<tr>
<td>11.</td>
<td>Midwifery Practice 1 – Orientation</td>
<td>10</td>
</tr>
<tr>
<td>12.</td>
<td>Midwifery Practice 2</td>
<td>10</td>
</tr>
<tr>
<td>13.</td>
<td>Midwifery Practice 3</td>
<td>10</td>
</tr>
<tr>
<td>14.</td>
<td>Midwifery Practice 4</td>
<td>10</td>
</tr>
<tr>
<td>15.</td>
<td>Midwifery Practice 5</td>
<td>10</td>
</tr>
<tr>
<td>16.</td>
<td>Midwifery Practice 6</td>
<td>10</td>
</tr>
<tr>
<td>17.</td>
<td>Midwifery Practice 7</td>
<td>10</td>
</tr>
</tbody>
</table>

64.5 Assessments and examinations: Continuous assessment of both the practice and theoretical components of the course will be used and written examinations are undertaken each year. The pass mark is 50%. Students must pass independently both written and practice assessments. All practice assessments must be passed without compensation,
and compensation is not permitted between written and practice assessments. Failure of written and/or practice assessments means failure of the course. Successful candidates will be eligible to apply to An Bord Altranais to have their names entered in the Midwives Division of the Register.

64.6 Course Co-ordinator: Ms Linda Biesty

64.7 Course Director: Ms Margaret Carroll
7. List of Higher Degree Titles

7.1 The regulations for higher degrees (with the exception of Master in Arts (M.A.)) are administered by the Dean of Graduate Studies who acts in conjunction with the Graduate Studies Committee, the Deans of Faculties, the Heads of School, and committees of various professional schools.

7.2 List of higher degree titles

Degrees by publication
- Doctor in Divinity (D.D.)
- Doctor in Laws (LL.D.)
- Doctor in Letters (Litt.D.)
- Doctor in Music (Mus.D.)
- Doctor in Science (Sc.D.)

Degrees by research and thesis
- Doctor in Medicine (M.D.)
- Doctor in Philosophy (Ph.D.)
- Master in Dental Science (M.Dent.Sc.)
- Master in Engineering (M.A.I.)
- Master in Letters (M.Litt.)
- Master in Obstetrics (M.A.O.)
- Master in Science (Research) (M.Sc. (Ind.))
- Master in Surgery (M.Ch.)

Doctoral degrees by course work, examination, professional practice, research and thesis
- Doctor in Clinical Psychology (D.Clin.Psych.)
- Doctor in Counselling Psychology (D.Couns.Psych.)
- Doctor in Dental Surgery (D.Ch.Dent.)
- Doctor in Education (D.Ed.)

Higher degree by written examination and dissertation, no course work
- Bachelor in Divinity (B.D.)

Master’s degrees by course work, with examination and dissertation
- Master in Business Administration (M.B.A.)
- Master in Education (M.Ed.)
- Master in Laws (LL.M.)
- Master in Philosophy (M.Phil.) in
  - Applied linguistics
  - Classics
  - Comparative literature
  - Creative writing
  - Early Irish
  - English language teaching
  - Ethnic and racial studies
  - European Studies
  - Film theory and history
  - Gender and women’s studies
  - German literature with language pedagogy
  - Irish art history
  - Irish writing
  - Linguistics
  - Literary translation
  - Literatures of the Americas
  - Medieval history
  - Medieval language, literature and culture
  - Modern Irish history
  - Music and media technologies
  - Musicology and music theory
Popular literature
Psychoanalytic studies
Reconciliation studies
Reformation and Enlightenment studies
Social work research
Speech and language processing
Textual and visual studies
Theatre and performance
Master in Philosophy (Ecumenics) (M.Phil. (Ecum.))
Master in Philosophy (Peace Studies) (M.Phil. (Peace Studies))
Master in Science (Studies) (M.Sc. (St.)) in
Applied psychology
Applied social research
Biodiversity and conservation
Biomedical sciences (intercalated)
Cardiology
Cardiovascular rehabilitation and prevention
Chemical and biological techniques
Child and adolescent psychoanalytic psychotherapy
Child protection and welfare
Clinical chemistry
Clinical speech and language studies
Clinical supervision
Community pharmacy
Comparative European politics
Computer science (interactive entertainment technology)
Computer science (mobile and ubiquitous computing)
Computer science (networks and distributed systems)
Counselling psychology
Drug and alcohol policy
Economic policy studies
Engineering
  Bioengineering
  Civil engineering
  Electronic engineering
  Engineering (by course module)
  Integrated systems design
  Mechanical engineering (Erasmus Mundus)
Environment and Development
Environmental sciences
Exercise physiology
Finance
Gerontological nursing
Global health
Health informatics
Health services management
High performance computing
Hospital pharmacy
Interactive digital media
International Management
Management of information systems
Medical imaging
Mental health
Midwifery
Molecular medicine
Molecular pathology
Neuroscience
Nursing
Occupational therapy
Palliative care
Pharmaceutical analysis
Pharmaceutical manufacturing technology
Pharmaceutical medicine
Pharmaceutical technology
Physical sciences in medicine
Psychoanalytic psychotherapy
Psychology (applied behaviour analysis)
Respiratory physiotherapy
Sports and exercise medicine
Technology and learning
Master in Science (Economics) (M.Sc. (Econ.))
Master in Science (Management) (M.Sc. (Mgmt)) (conducted jointly with the Irish Management Institute) in
  Business administration
  International business
  Management practice
  Organisation behaviour
  Strategic management
Master in Social Work (M.S.W.)
Master of Studies (M.St.) in
  School leadership and educational studies

Postgraduate diploma courses
  Applied behaviour analysis
  Child protection and welfare
  Clinical dentistry
  Clinical engineering (equipment management)
  Clinical health sciences education
  Clinical speech and language studies (dysphagia)
  Clinical supervision (psychology)
  Cognitive psychotherapy
  Community pharmacy
  Conflict and dispute resolution studies
  Conscious sedation in dentistry
  Continuing professional development diplomas for recognised teachers in
    Educational studies
    Management in education
    Management in education B
  Education
  Environment and Development
    Diplomas in the Graduate School of Professional Engineering Studies
      Applied building repair and conservation
      Computers for engineers
      Construction law and contract administration
      Environmental engineering
      Fire safety practice (buildings and other structures)
      Health and safety in construction
      Highway and geotechnical engineering
      Physical planning
      Project management
      Specialised technology
  Gynaecology and obstetrics
  Learning support and special education needs (conducted jointly with the Church of Ireland College of Education)
  Management (conducted jointly with the Irish Management Institute Graduate School of Management)
Molecular medicine
Music and media technologies
Old Irish
Oncological nursing (conducted jointly with St Luke’s Hospital)
Pharmaceutical manufacturing technology
Pharmaceutical medicine
Specialist nursing (conducted jointly with St James’s Hospital and the Adelaide and Meath Hospital, Dublin incorporating the National Children’s Hospital)
Statistics

**Higher diploma courses**

Children’s Nursing (conducted jointly with the Adelaide and Meath Hospital, Dublin incorporating the National Children’s Hospital)
Education (Primary teaching) (conducted jointly with the Froebel College of Education, Sion Hill, Blackrock and Coláiste Mhuire, Marino)
Midwifery (in conjunction with the Rotunda Hospital and the Coombe Women’s Hospital)
Psychology
8. POSTGRADUATE AWARDS AND TRAVEL FUNDS

8.1 The University offers a number of postgraduate awards open for application to students intending to register (or registered) for full-time higher research degree on the Ph.D. register. Applications are assessed competitively.

8.2 Trinity College Postgraduate Studentships (code 1228) provide for EU fee-paying students an annual maintenance contribution of €4,000 and EU-fee waiver; non-EU fee-paying students receive fee remission equivalent to the sum of these two values. This scheme is now closed to new applications. These awards cannot continue beyond year two on the Masters and year three on the Ph.D. register.

Trinity College Postgraduate Research Studentships (code 1252) are open to applicants from all countries. For both EU and non-EU fee-paying students they provide an annual maintenance contribution of €8,000 and a full fee waiver. The scheme is open to new entrants as well as continuing students on the full-time Ph.D. register.

Ussher awards are similarly open to applicants from all countries. They are few in number, necessarily very competitive and provide a significant annual maintenance award (currently €16,000) and cover fees.

As the number of studentships is limited, applicants are strongly advised to apply for all other awards and grants open to them. Candidates are expected to apply for the renewal of any local authority scholarship they may have held as undergraduates (Research Scholarships awarded by the Ministry for Education for Northern Ireland are tenable in the University of Dublin.)

Individual Schools may have specific funds at their disposal and candidates, when applying, should enquire as to the availability of such funds.

8.3 Applicants whose total personal income (including stipends as specified above) is in excess of €18,000 will not be considered for Trinity College research awards.

8.4 There are also a number of specific Ussher Fellowships and miscellaneous funds and scholarships of limited application – see below for further information.

TRINITY COLLEGE POSTGRADUATE RESEARCH STUDENTSHIPS (code 1252)

8.5 General
A number of postgraduate research studentships are offered annually to highly qualified candidates to enable them to undertake Ph.D. studies in the University of Dublin. The holder is required to engage in teaching-related activities, as designated by their Director of Teaching and Learning (Postgraduate), to a maximum of six hours per week. For EU and non-EU fee-paying students they provide an annual maintenance contribution of €8,000 and a full fee remission. This scheme is open to new entrants as well as continuing students on the full-time Ph.D. register. Payments are made in twelve monthly instalments directly to the student’s bank account via the Staff Office payroll.

8.6 Eligibility
Normally, awards will be made only to applicants who are placed in the first class or the first division of the second class at a moderatorship or final examination or who obtained equivalent status at a final degree examination in a professional subject. Graduates who are reading for the Ph.D. degree may also be eligible if they have already received a Masters degree (excluding the degree of Masters in Arts from the University), irrespective of the class of primary degree received.
8.7 **Conditions**

The Trinity College Postgraduate Research Studentships are open to graduate research students undertaking research in any branch of learning (subject to availability of resources and competent supervision in the chosen area). These awards are offered subject to the following conditions: the holders must be new entrants or continuing students on the Ph.D. register, engaged in full-time research and must be registered for a higher degree of Ph.D. in the University of Dublin. Holders are required to engage in relevant academic and professional activities as determined by the Director of Teaching and Learning (Postgraduate). Within such activities, teaching-related activities such as demonstrating are limited to a maximum of six hours per week and are governed by guidelines provided by the Graduate Studies Committee. Eligibility for the awards is conditional upon the values of any scholarships, or awards, or income received by applicants from other sources (see above). The receipt of any additional funding or scholarships must be notified immediately to the Graduate Studies Office. Holders of Postgraduate Research Scholarships may not earn in excess of €18,000 (inclusive of the award maintenance) by private tuition, demonstrating, etc., or from other funds.

8.8 **Applications**

New entrants to the research register are not required to complete a separate Award application form. A section on the research application form must be completed in order to be considered for an Award. Continuing students who wish to apply for this Award should contact their School directly. Nominations are considered at various times of the year depending on the School. New applicants are advised to submit their applications as early as possible.

**USSHER AWARDS**

8.10 **General**

These Awards are granted to exceptionally well-qualified candidates of outstanding promise intending and permitted to register on year 1 for a higher degree of Ph.D. in the University of Dublin. They are open to competition by graduates of any nationality, for research in any branch of learning in the College (subject to availability of resources and competent supervision in the chosen area). The Awards are for a three year period of research on the Ph.D. register. They cover annual fees and provide maintenance of €16,000 per annum. There are six Ussher Awards in every academic year. Three are allocated to successful applicants in the Faculty of Arts, Humanities and Social Sciences, two in the Faculty of Engineering, Mathematics and Science, and one to a successful applicant in the Faculty of Health Sciences. There are, in addition, named Ussher fellowships of limited application (See below for further information).

8.11 **Conditions**

Holders must be new entrants to the Ph.D. register, engage in full-time research and must be registered for a higher degree of Ph.D. in the University of Dublin. Holders have their award renewed annually on the basis of a satisfactory progress report, to a maximum of year 3 standing on the Ph.D. register and year 2 standing on the Masters register. Holders who were admitted to the Ph.D. register in year 1 and subsequently transferred to the Masters register in year 2 are permitted to retain the award for that year. Payments are made in twelve monthly instalments directly to the student’s bank account via the Staff Office payroll. Holders of Ussher Awards may not earn in excess of €18,000 (inclusive of the award maintenance) by private tuition, demonstrating, etc., or from other funds.

8.12 **Applications**

New entrants to the research register are not required to complete a separate Award application form. A section on the research application form must be completed in order to be considered for an Award. Nominations are assessed after 1st May and late nominations may be considered if places are still available after this date. Candidates are informed of the outcome of their application from June.
R. B. MCDOWELL USSHER FELLOWSHIP

8.13 The London Trust for Trinity College, Dublin provides the R.B. McDowell Ussher Fellowship. This Fellowship is awarded to an exceptionally well qualified candidate in History who wishes to pursue research leading to a Ph.D. in Modern History. This Fellowship is suspended from the academic year 2006/07 until further notice.

THE NESBITT USSHER FELLOWSHIP

8.14 General
This Fellowship, provided by the Trinity Foundation, is awarded to a candidate wishing to pursue research leading to a Ph.D. in History or Botany.

8.15 Conditions
In addition to the normal regulations applicable to Ussher fellowships, holders of studentships in their first year must send to the Dean of Graduate Studies reports of satisfactory progress and attendance signed by their Supervisor, which must reach the Graduate Studies Office by 1st December and 1st June. Payments, which are made in two instalments, the first soon after registration in September and the second on 1st April, will only be made on receipt of satisfactory reports.

THE SCHULER USSHER FELLOWSHIP

8.16 General
This Fellowship, funded by Dr Beate Schuler, is awarded to a candidate wishing to pursue research in the School of Chemistry.

8.17 Conditions
The total value of the award will be €19,046 per annum for 3 years to cover fees, incidentals and living costs. Should there be no suitable Chemistry candidate, the funds will be used to support a postgraduate conducting research into the chemical effects of drugs in the brain.

THE RACHEL THOMPSON USSHER FELLOWSHIP

8.18 General
This fellowship was founded in 2002 by a bequest from Ms Rachel Thompson, M.A.1930, to the TCD Association and Trust. Ms Thompson, a graduate of the University of Dublin was formerly a teacher of languages at Alexandra College, Dublin. The fellowship is awarded at three-year intervals to a candidate wishing to pursue a Ph.D. in the area of Modern Languages. There is an associated travel grant, funded from the same bequest to which the holder of this fellowship may apply for research travel.

THE PROVOST THOMAS N. MITCHELL USSHER FELLOWSHIP

8.19 General
This fellowship was founded in 2002 to honour Dr Thomas Mitchell, who was Provost from 1992 to 2002. To recognise his enormous contribution both to College itself and Irish Education, Trinity Foundation, The TCD Association and Trust, the London Trust for Trinity College, the University of Dublin Fund (USA), along with other friends of Trinity, established the Provost TN Mitchell Fellowship Fund in perpetuity. The fellowship is awarded at five-year intervals to a candidate wishing to pursue a Ph.D.
8.20  The Ussher Fellowships are payable from funds derived from several sources including the Trinity Foundation, an independent charitable trust which raises funds for Trinity College, Dublin. Postgraduate Studentships are payable from a fund which consolidates the bequests listed below. They are subject to the limitations here shown. Students do not apply for these specific awards.

<table>
<thead>
<tr>
<th>Fund</th>
<th>Limitation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1)  Ambrose</td>
<td>None</td>
</tr>
<tr>
<td>2)  Blake</td>
<td>Irish History</td>
</tr>
<tr>
<td>3)  Brooke</td>
<td>None, but preference for classics or mathematics</td>
</tr>
<tr>
<td>4)  Burgess</td>
<td>None as to subject, but only for women</td>
</tr>
<tr>
<td>5)  Donnelly</td>
<td>Science</td>
</tr>
<tr>
<td>6)  Ferguson</td>
<td>Linguistics and Irish</td>
</tr>
<tr>
<td>7)  FitzGerald</td>
<td>Experimental physics</td>
</tr>
<tr>
<td>8)  Gardner</td>
<td>Pharmaceutical Science</td>
</tr>
<tr>
<td>9)  Hackett</td>
<td>Natural Sciences</td>
</tr>
<tr>
<td>10)  Harmsworth</td>
<td>None, but preference for medicine, surgery, music, or a subject with a specifically Irish interest</td>
</tr>
<tr>
<td>11)  Kells Ingram</td>
<td>None</td>
</tr>
<tr>
<td>12)  Bishop Law</td>
<td>Mathematics</td>
</tr>
<tr>
<td>13)  Lawrence</td>
<td>Languages (Classical or Modern)</td>
</tr>
<tr>
<td>14)  Ledoux</td>
<td>Medicine</td>
</tr>
<tr>
<td>15)  Longfield</td>
<td>Modern Literature</td>
</tr>
<tr>
<td>16)  Lyster</td>
<td>None</td>
</tr>
<tr>
<td>17)  McCullagh</td>
<td>Theoretical physics or applied mathematics</td>
</tr>
<tr>
<td>18)  MacKenny</td>
<td>Chemistry</td>
</tr>
<tr>
<td>19)  Madden</td>
<td>None</td>
</tr>
<tr>
<td>20)  Maze</td>
<td>None</td>
</tr>
<tr>
<td>21)  Trinity College Trust</td>
<td>None (awards are made in concurrence with the Trinity College Trust)</td>
</tr>
<tr>
<td>22)  Whately</td>
<td>Economics</td>
</tr>
</tbody>
</table>

Details of the funds referred to above in connection with postgraduate awards and moderatorship prizes are given below.

1)  CHARLES AMBROSE FUND: Established in 1965 by a bequest of Miss K.M. Ambrose in memory of her father Charles Ambrose, LL.D. The income is available for general postgraduate awards.

2)  BLAKE NATIONAL HISTORY SCHOLARSHIP FUND: Established in 1884 by a bequest of Miss Helen Blake to promote research in Irish history.

3)  BROOKE FUND: Established in 1879 by a gift from the Misses Brooke.

4)  KATHLEEN BURGESS FUND: Established in 1929 by Mr and Mrs William R. Burgess, to provide prizes or awards for women students, on graduating, in memory of their daughter Kathleen Burgess.

5)  DR EITHNE DONNELLY FUND: An award will be made annually under the terms of the will of the late Dr Eithne Donnelly to a suitably qualified University of Dublin woman graduate in the Sciences who is registered for a higher degree in the University.
FERGUSON MEMORIAL PRIZE: Established in 1907, see under PRIZES IN ARTS, CALENDAR PART 1. In 1977 it was decided to devote the balance of the fund to postgraduate research.

FITZGERALD MEMORIAL FUND: Established in 1902 in memory of Professor George Francis FitzGerald, F.T.C.D., to promote research in experimental physics.

GARDNER MEMORIAL FUND: Established in 1977 by the members of the Pharmacy Club to promote research in pharmaceutical science by enabling a pharmacy graduate with an honors degree to proceed to a higher degree, or, failing its need for the aforementioned purpose, by promoting research in the School of Pharmacy.

JOHN WINTHROP HACKETT FUND: Established in 1926 by a bequest of Sir John Winthrop Hackett, to provide an award in applied science.

EMILIE (MAFFETT) HARMSWORTH FUND: Established in 1943 by Lord Harmsworth of Egham, to found awards in memory of his wife. Preference is given to candidates proposing to carry out research in medicine, surgery, music or a subject with a specifically Irish interest.

KELLS INGRAM RESEARCH FUND: Established in 1958 by a bequest of Captain Kells Ingram. The income is available for general postgraduate awards.

BISHOP LAW FUND: Established in 1796 by a gift of John Law, Bishop of Elphin, to encourage the study of mathematics.

T. E. LAWRENCE FUND: Established in 1974 by a bequest by Miss Lilian Joyce Ludlow to found the T. E. Lawrence scholarship. It will be awarded in the area of classical studies or modern languages.

LEDoux FUND: Established in 1959 by a bequest of Mrs E. G. Ledoux, to be applied for the furtherance of research in the School of Physic of the University.

MOUNTIFORT GEORGE LONGFIELD FUND: Established by a bequest in 1946 by Miss M.L.B.Longfield, to found an award in modern languages and English literature and language in memory of her brother, Mountifort George Longfield.

THOMAS WILLIAM Lyster FUND: Established by a bequest in 1946 by Mrs Jane Robinson Lyster, to found an award in memory of her husband, Thomas William Lyster.

McCULLagh FUND: Established in 1854 by subscription in memory of James McCullagh, Fellow 1835-47, to encourage research in mathematics or theoretical physics.

CHARLES MACKENNY FUND: Established by a bequest in 1967 by Miss Coralie Violet Sara Hudson, to found a prize in chemistry in memory of her uncle, Charles MacKenny.

MADDEN FUND: Established in 1798 by a bequest of Samuel Molynieux Madden, originally with the primary purpose of providing a prize for the best unsuccessful candidate at the Fellowship examination. The income of the fund is now applied to postgraduate awards.

SIR FREDERICK WILLIAM MAZE FUND: Established in 1975 by a bequest of Sir Frederick William Maze. The income is available for general postgraduate awards.

TRINITY COLLEGE TRUST: Accumulated from various sources.
22) WHATELY MEMORIAL FUND: Established in 1871 by subscription in memory of Richard Whately, Archbishop of Dublin, to promote the study of political economy.

**POSTGRADUATE SCHOLARSHIPS OF LIMITED APPLICATION**

8.21 Specific applications are invited as stated under each entry. The scholarships listed below are awarded by the respective departments as listed.

1) PETER BECKETT POSTGRADUATE RESEARCH AWARD
2) JOHN A. BOLAND MEMORIAL SCHOLARSHIP
3) JULIAN BOLDY BURSARY
4) MAUREEN DE BURGH MEMORIAL PRIZE IN MARINE BIOLOGY
5) ALLEN BURKE MEMORIAL PRIZE
6) BUSINESS ADMINISTRATIVE BURSARY
7) CLIFF MEMORIAL STUDENTSHIP
8) CURTIS MEMORIAL PRIZE
9) ERLINGTON SCHOLARSHIP
10) FERGUSON MEMORIAL PRIZE
11) FRANZ FASENFELD SCHOLARSHIP
12) HENRY FLOOD RESEARCH SCHOLARSHIP
13) ROBERT FRIEL PRIZE IN ENGINEERING STRUCTURES
14) JOHN GOOD BEQUEST
15) TERENCE GORMAN POSTGRADUATE PRIZE
16) IRENE GREENE MEMORIAL RESEARCH FUND
17) HINCKS MEMORIAL PRIZE
18) HOME HEWSON SCHOLARSHIP
19) HENRY HUTCHINSON STEWART LITERARY SCHOLARSHIPS
20) THE IRISH SOCIETY’S SCHOLARSHIP
21) THE DAVE JOHNSTON MEMORIAL FUND
22) GRACE LAWLESS LEE FUND
23) W. H. A. MACINTOSH PRIZE
24) MICROSOFT IRELAND PRIZE
25) FRANCES E. MORAN RESEARCH STUDENTSHIP
26) R. A. O’MEARA RESEARCH FUND
27) OPERATIONS RESEARCH SOCIETY OF IRELAND AWARD
28) CLAUDE AND VINCENETTE PICHOIS RESEARCH AWARD
29) POSTGRADUATE TRAVELLING SCHOLARSHIP IN MEDICINE AND SURGERY
30) SARAH PURSER MEDICAL RESEARCH FUND
31) SHEPPARD MEMORIAL PRIZE
32) E. C. SMITH SCHOLARSHIP IN PATHOLOGY
33) STOKES KENNEDY CROWLEY PRIZE
34) RICHARD SMYTH EXHIBITION IN TROPICAL MEDICINE
35) TECHNICON RESEARCH FELLOWSHIP
36) VICTORIA UNIVERSITY SCHOLARSHIP
37) WHITE POSTGRADUATE FELLOWSHIP IN IRISH ART HISTORY
38) DR JOHN HENRY WHYTE TRUST FUND
39) PROFESSOR D.A. WEBB SCHOLARSHIP

Details of the funds referred to above are given below.

1) PETER BECKETT POSTGRADUATE RESEARCH AWARD: The award is made annually in Michaelmas term on the recommendation of a committee comprising the Dean of the Faculty of Health Sciences, the Professor of Psychiatry, the Clinical Professor of Psychiatry and the Regius Professor of Physic, to the candidate who, in the opinion of the committee has carried out the best research project in psychiatry during his/her postgraduate training. The research should normally have been carried out in Ireland. The award is open to all postgraduate trainees in psychiatry who have completed at least three years of a formal training programme approved by the committee. Applications should reach...
the Medical School Office not later than 31st December and candidates should submit a full written description of the completed research project which they wish to have considered. Value, about €825.

2) JOHN A. BOLAND MEMORIAL SCHOLARSHIP (LAW): The John Boland memorial prize was founded in 2007 by subscription in memory of John Boland (LL.B., M.A., Barrister-at-Law, 1954), former U.K. Public Trustee, who founded the UK Trust for TCD (then called ‘The London Trust for TCD’), and who was a very loyal graduate serving Trinity in many capacities. The Prize is awarded annually by the U.K. Trust for Trinity College Dublin for a new incoming research postgraduate student in Law. Award to be decided on the basis of merit in application. Value: Sterling £1,000 pa.

3) JULIAN BOLDY BURSARY: This bursary was established in 1992 in memory of Julian Boldy by his friends, John and George Kurkjian. The bursary is awarded annually to help support a postgraduate student (or exceptionally an undergraduate) in Geology. Applications should reach the Head of the Department of Geology by 1st July. Value, about €1,650 per annum.

4) MAUREEN DE BURGH MEMORIAL PRIZE IN MARINE BIOLOGY: This prize was established in 1986 by subscription in memory of Dr Maureen de Burgh to promote research in marine biology. It is awarded annually to a postgraduate or undergraduate student to cover expenses related to research in marine biology at Trinity College, on the recommendation of the Professor of Zoology and one other lecturer in the department. Value, about €140.

5) ALLEN BURKE MEMORIAL PRIZE: This prize was founded in 2008 to honour the memory of Allen Burke, a Psychology graduate of TCD, who was registered for a postgraduate degree by research when he died in 1977. The prize was founded by Allen’s family. It is awarded annually by decision of the Court of Examiners to the student who submits the best dissertation for the postgraduate degree in Counselling Psychology. Value €250.

6) BUSINESS ADMINISTRATIVE BURSARY: This bursary was founded in 1974 by the Association of Business Graduates. It is awarded for the best thesis or dissertation which must (a) be prepared in accordance with the requirements of the M.B.A. degree, and (b) be of practical use to Irish businessmen/businesswomen. Further information can be obtained from the Director of the Graduate Course in Administration. It is open to graduates of the University of Dublin, the National University of Ireland, Dublin, and the National University of Ireland, Galway, Trinity College, Dublin, University College, Dublin, and University College, Galway. Value, €190.46.

7) CLUFF MEMORIAL STUDENTSHIP: This studentship was founded in 1987 in memory of James Stanton Cluff, Scholar 1858, with endowments provided by Mr W.V. Cluff. It is awarded as often as funds permit to a student registered or to be registered for a higher degree in the History School, or to a graduate of the History School registered or to be registered for a higher degree at another university. It is awarded for one year in the first instance, but may be renewed on evidence of satisfactory progress for a second year, and in exceptional circumstances for a third year. Application should be made to the Professor of Modern History before 31st July. Value, about €2,285 a year.

8) CURTIS MEMORIAL PRIZE (suspended from 2004/05): This prize was founded in 1952 by subscription in memory of Edmund Curtis, Erasmus Smith’s Professor of Modern History 1914-39 and Lecky Professor of Modern History 1939-43. The money subscribed having been entrusted to the Royal Irish Academy, the Council of the Academy has decided to use the income to award an occasional prize of €126, or such sum as the Council may direct, for an essay on Irish history, based on original research, and/or work of original interpretation. The successful essay will be considered for publication in the Proceedings of the Royal Irish Academy. Candidates for the prize must be, or have been, graduates of a
university, and must not be more than thirty years of age on 1st January of the year in which an award is to be made. Candidates over the age of thirty must have completed their primary degree within the previous seven years. The essay must be typewritten or printed, bound and not more than 10,000 words in length; it must also include a full bibliography. Submissions should be made to the Royal Irish Academy, 19 Dawson Street, Dublin 2.

9) ELRINGTON SCHOLARSHIP: This scholarship was founded in 1837 by subscription in memory of Thomas Elrington, Provost 1811-20. It is awarded biennially by the Board on the recommendation of the Professors and full-time academic staff of the School of Religions and Theology as confirmed by the Graduate Studies Committee. It is awarded for the purposes of theological research. It is open to any candidate for a graduate degree in theology and/or divinity and/or related academic disciplines. It is tenable for two years. Application should be made to the Professor of Theology no later than the end of Trinity term in the year 2010 and every second year. Value, about €3,174.

10) FERGUSON MEMORIAL PRIZE: This prize was founded in 1907 by subscription in memory of Sir Samuel and Lady Ferguson. It is awarded every third year. Work submitted for it may take the form of:
   (a) an investigation of some aspect or feature of Irish linguistic development, or
   (b) a study of Irish literary sources, or
   (c) an edition of an important text including translation, commentary and linguistic analysis.

The prize is open to all undergraduates and to graduates of not more than seven years standing.
Exercises must reach the Senior Lecturer before 17th March in the year of the award. Value, about €1,524.

11) FRANZ FASENFELD SCHOLARSHIP: This scholarship was established in 1998 in memory of Franz Fasenfeld, a Junior Sophister MSISS student who died tragically in 1997. It will be used to support full-time research within the Department of Statistics for Graduates of the MSISS programme. It may be used to complement scholarships and grants from other sources and with such grants will provide fees for postgraduate study and maintenance up to a value of €9,523 p.a. It is awarded in the first instance for one year, but may be extended for a further year for students reading for a Masters degree and for a third year for students reading for a Ph.D. The award is made on the basis of merit and as funds permit on the recommendation of the Professor of Statistics and the Director of Studies of the MSISS programme. At their discretion, and as funds permit, support may also be provided for attendance at academic meetings by holders of the award.

The scholarship is suspended from the academic year 2006/07.

12) HENRY FLOOD RESEARCH SCHOLARSHIP: This research scholarship was founded in 1981 by a bequest in memory of Henry Flood MP. It is awarded annually by the Board of the College on the recommendation of the Professor of Irish as confirmed by the Graduate Studies Committee. It is awarded for the purpose of research in the area of Irish Folk and Language studies to a graduate on the books of the University who has shown sufficient merit. The scholarship is tenable for one year but may be renewed for a maximum of a further two years. Application should be made to the Professor of Irish not later than the end of Trinity term. Value: EU-fee + maintenance of about €8,000.

13) ROBERT FRIEL PRIZE IN ENGINEERING STRUCTURES: This prize was established in 1992 in memory of Robert Geoffrey Friel, who taught on the Masters course in Civil Engineering, by subscription of his colleagues and friends. It is awarded annually to the student who achieves the highest marks in the examinations associated with the M.Sc. in Civil Engineering. Value, €63.

14) JOHN GOOD BEQUEST: In 1941 the College received a bequest from John Good. A prize is awarded to the student of the year in the M.B.A. course. A sum of money is
available each year for the purchase of specialised books and equipment for the benefit of students in the School of Business.

15) **TERENCE GORMAN POSTGRADUATE PRIZE:** This prize was founded in 2006 by a bequest from Mrs Dorinda Gorman in memory of her husband, the distinguished economist W M (Terence) Gorman, a Trinity economics graduate of 1948. It is awarded annually on the recommendation of the Department of Economics to the student who performs at the highest level in the M.Sc. Economics course. Value, €500.

16) **IRENE GREENE MEMORIAL RESEARCH FUND:** This fund was established in 1975 by a gift of €2539 from the estate of Miss N. T. J. Greene. The purpose of the fund is to assist scientific research under the direction of the Professor of Biochemistry from time to time into the diagnosis and treatment of cancer. Value, €1,079.

17) **HINCKS MEMORIAL PRIZE:** This prize was founded in 1944 by a gift from J. H. Magee in memory of Edward Hincks, Fellow 1813-20, to encourage the study of the language, history, religion, literature, culture and ideas of the Hebrews in Old Testament times, and of Old Testament archaeology. The prize is awarded in two parts, one to an undergraduate of the Junior Sophister year and the other to a postgraduate student in the School of Hebrew, Biblical and Theological Studies. In each case the award is made for a dissertation within the areas designated. The subject chosen should be approved in advance, and the dissertation should be submitted not later than 1st October. In the event of two or more dissertations being judged to be of equal and sufficient merit, the prizes may be divided. Value; undergraduate prize €380; postgraduate prize €2,539.

18) **HOME HEWSON SCHOLARSHIP:** This scholarship is offered by a bequest in memory of Dr George Hewson (former Professor of Music) and Mabel Home (actress and singer) for the support of postgraduate studies in the School of Music, literature, theatre and visual arts. The award of this scholarship will be made by the Professor of Music, following consultation with the School of Music Committee and the Dean of Graduate Studies. The scholarship may be awarded up to a maximum of 3 years and its value will depend at any given time on the interest available from the capital sum. Value, about €2,539 per annum.

19) **DR HENRY HUTCHINSON STEWART LITERARY SCHOLARSHIPS:** These scholarships were founded in 1884 by a bequest from Henry Hutchinson Stewart. Two scholarships, value €507 and €380, are awarded annually to those students who have obtained the highest aggregate of marks in the two-subject moderatorship examinations and whose major subject was a modern language (English, French, German, Irish, Italian, Russian, Spanish and Portuguese). At least one scholarship is reserved for a student whose minor subject was also a modern language. If holders are engaged on full-time postgraduate study in the area of modern languages, the scholarships are increased to €4,444 and €3,174, and renewed at this level for a maximum of a further two years.

20) **THE IRISH SOCIETY’S SCHOLARSHIP:** This scholarship is offered annually by the Hon. the Irish Society for research work to be carried out under the direction of the Director of the Research Institute, Lambeg, Co. Antrim, and to be embodied in a thesis to be submitted for the degree of M.Sc. A graduate of the University is eligible for this scholarship provided that s/he satisfies the conditions prescribed for the M.Sc. degree and that s/he has received at least part of his/her education at one of the schools to which the society contributes financial assistance. Applications should reach the secretary of the Institute before 2nd August each year. Value, €152 a year for two years.

21) **THE DAVE JOHNSTON MEMORIAL FUND:** Established in 1998 in memory of Dave Johnston by his family and friends to support field based studies by undergraduate and postgraduate students in Geology. The income may be divided between more than one project in a year. The fund will be administered by the Professor of Geology, another member of the Department of Geology and a representative of the Alumni of the
Department of Geology. Applications should reach the Professor of Geology by the last day of Hilary Term in the year which the grant will be held.

22) GRACE LAWLESS LEE FUND: Established in 1975 by Mr. J. D. Gwynn, in memory of Grace Lawless Lee, to promote and facilitate scholarship in history, primarily by assisting work by members of staff or, if sufficient funds are available, at graduate level. Students registered for courses based primarily on course-work are not eligible to apply to this fund. The income may be divided between more than one project in a year, or may be accumulated for a larger project, or in special cases may be used for grants in aid of travelling expenses and of publication. The fund will be administered by the Provost, the Professors of Modern and Medieval History, and a representative from each department. Application should reach the Provost by 1st April.

23) W. H. A. MACINTOSH PRIZE: This prize was founded by a legacy from Mr W. H. A. Macintosh, former chief technician in the Department of Chemistry. It is awarded annually to the student who is undertaking research in the Department of Chemistry, leading to a Ph.D. in inorganic, organic or physical chemistry, and who has obtained the highest mark in the moderatorship examination of that year. Value, €635.

24) MICROSOFT IRELAND PRIZE: Microsoft Ireland will sponsor a prize for the best student on the second year of the M.Sc. (Technology and Learning) for three years, commencing in the academic year 2003/2004. The prize will consist of a tablet PC. The M.Sc. is jointly run by the Departments of Computer Science and Education.

25) FRANCES E. MORAN RESEARCH STUDENTSHIP: This studentship is offered by the Trinity Trust for research in any area of Irish law. The grant will normally be of one year's duration. The successful candidate will be required to register for the degree of M.Litt. The successful candidate may be required to assist with tutorial work in the Law School for four hours per week. Applications should be addressed to the Regius Professor of Laws. Value, M.Litt. fees for the year will be paid, together with a tax-free stipend of €1,541 - €2,222.

26) R. A. Q. O'MEARA RESEARCH FUND: This fund was established in 1977 by a gift from the Marie Curie Memorial Foundation to establish a research fund in memory of the late Robert Allen Quain O'Meara, Professor of Experimental Medicine 1942-74. The income from the fund will be made available to support research in the field of cancer and allied disorders. Applications will be invited, by advertisement, biennially. Awards of research grants will be made by a committee consisting of the Dean of the Faculty of Health Sciences, the Marie Curie Foundation Professor of Clinical Oncology, the Regius Professor of Physic and the Professor of Histopathology and Morbid Anatomy. Value, €10,158.

27) OPERATIONS RESEARCH SOCIETY OF IRELAND AWARD: This award was founded in 1973 by the Operations Research Society of Ireland. A presentation may be made annually to the graduate student judged on the basis of course and project work to exhibit the greatest aptitude and proficiency in operations research. Students on the graduate programmes of the School of Systems and Data Studies will be considered for the award.

28) CLAUDE AND VINCENETTE PICHois RESEARCH AWARD: Deriving from donations made by Madame Pichois and the late Professor Claude Pichois, a Research Award is made triennially to a candidate holding a first-class or II.1 honors Degree in French (or equivalent) and having a research project within the area of nineteenth and/or twentieth-century French Literature. Award holders must be new entrants to the University of Dublin research register, must intend to register for a Ph.D. degree (in the first instance on the Master's register, with transfer to the Ph.D. register at the earliest opportunity) in the University of Dublin and must engage in full-time research. After their transfer to the Ph.D. register, Award holders may engage in teaching-related activities, as designated by their Director of Teaching and Learning (Postgraduate), up to a maximum of four hours per
Their Award will be renewed annually, normally to a maximum of three years, on the basis of a progress report being deemed satisfactory by the research supervisor. When approved by the research supervisor, the report will be sent to the Trinity Foundation for the information of Funders.

The Award covers EU fees and currently provides maintenance of €16,000 per annum, with payments made according to the method used for Ussher Awards. Should there be deemed to be no suitably qualified candidate, the Award, in the year in question, would accrue to the capital endowment of the Claude and Vincenette Pichois Memorial Fund. Applications for this Award must be made on the College award form, together with a complete application for admission to the research register, inclusive of sealed letters of reference from two academic referees, each contained in a special envelope provided by the Graduate Studies Office, and must be returned in one single packet to the Graduate Studies Office by 1st May.

Candidates for the Award will be selected on academic merit by the Claude and Vincenette Pichois Research Award Committee consisting of the Dean of the Faculty of Arts and Humanities (as chairperson), the Head of the Discipline of French, and all Professors and Associate Professors in the discipline of French. This Committee will pass on its recommendations for approval by the Head of the School of Languages, Literatures and Cultural Studies, for onward transmission, normally by 7 June, to the Dean of Graduate Studies, and for notification to the President of the Trinity Foundation.

29) POSTGRADUATE TRAVELLING SCHOLARSHIP IN MEDICINE AND SURGERY: This scholarship is awarded annually in medicine and surgery in alternate years. The award for 2009 will be in Surgery. The object of the scholarship is to encourage younger graduates to undertake further work in specialised aspects of medicine and surgery, including the acquisition of modern techniques and the carrying out of research. The award is made on the recommendations of a committee and candidates may be requested to attend for interview. The committee consists of the Dean of the Faculty of Health Sciences, the Dean of Graduate Studies, the Regius Professors of Medicine or Surgery (depending on whether the scholarship pays for medicine or surgery) and the Professor of Histopathology and Morbid Anatomy. The successful candidate is expected to work for at least nine months under the direction of a senior member of staff in a hospital or university department outside Dublin approved by the Board of the College. The work must consist of advanced study, preferably including research, in some specified field and should be such as to enable the successful candidate to gain experience of modern methods of investigating disease. Approval of the Board must also be obtained for any change in the agreed programme of study and research. Payments under the scholarship are made as follows: A sum equivalent to one sixth of the total amount is paid initially to cover the first month of the scholarship. Thereafter, a sum equivalent to one eighth of the balance is paid each month for the remaining eight months. The scholar's Supervisor is asked for a report at the end of six months, and the final monthly payment is made after a satisfactory report has been received. Value approximately €22,220. The winner also receives the Sheppard memorial prize (see below) value €5,078, together with the Sir John Banks medal in medicine or the Edward Hallaran Bennett medal in surgery (see below).

This scholarship and the Dr Henry Hutchinson Stewart scholarship (q.v.) are awarded from a fund obtained by consolidating the following funds:

a) John Banks Fund
b) Edward Hallaran Bennett Fund
c) Bicentenary Fund
d) Dr Henry Hutchinson Stewart Fund.

For details of these funds see under the appropriate headings below.

a) JOHN BANKS FUND: This fund was established in 1907 by a gift from Sir John T. Banks, King's Professor of the Practice of Medicine 1849-69 and Regius Professor of Physic 1880-98. The income of the fund contributes to the provision of a postgraduate
award in medicine. A John Banks medal in bronze is given to the winner of the award (see above).

b) EDWARD HALLARAN BENNETT FUND: This fund was established in 1907 by past pupils in appreciation of E. H. Bennett, Professor of Surgery 1873-1906. The income of the fund contributes to the provision of a postgraduate award in surgery. An Edward Hallaran Bennett medal in bronze is given to the winner of the award (see above).

c) BICENTENARY FUND: This fund was established in 1912 to mark the bicentenary of the School of Physic. The income of the fund contributes to the provision of postgraduate awards in medicine or surgery (see above).

d) DR HENRY HUTCHINSON STEWART SCHOLARSHIP IN PSYCHIATRY: This scholarship was founded in 1884 by a bequest from Henry Hutchinson Stewart. It is awarded annually and is available to graduates in medicine of not more than ten years' standing. The object of the scholarship is to encourage younger graduates to undertake further work in the specialised aspects of psychiatry, including the acquisition of modern techniques and the carrying out of research. Awards are made on the recommendation of a committee comprising of the Dean of the Faculty of Health Sciences, the Professor of Psychiatry, the Regius Professor of Physic and the Dean of Graduate Studies. Candidates may be required to attend for interview. Successful candidates are expected to work for at least six months under the direction of a senior member of staff in a hospital or a university department approved by the Board of Trinity College. The work must consist of advanced study, preferably including research, and should be such as to enable the successful candidate to gain experience in modern methods of investigating disease. Approval of the Board must be obtained for any change in the agreed programme of study and research. The value of the scholarship is the equivalent of 33 per cent of the current annual income of the existing consolidated fund comprising the Banks, Bicentenary, Bennett and Henry Hutchinson Stewart Funds. Value, about €10,792.

30) SARAH PURSER MEDICAL RESEARCH FUND: Through the munificence of Miss Sarah H. Purser, r.h.a., a sum of €12,697 was given to Trinity College in 1942 to provide, from investment, an annual income to be devoted to the promotion of medical research in Ireland. The income from the fund pays the stipends of one or more investigators, who must be graduates of a university or hold diplomas in scientific subjects from recognised colleges. The investigators, when appointed, may carry out research in any branch of medical science in any institution in Ireland in which facilities for the investigation in hand for the time being can be made available. Investigators are appointed for periods of not more than two years by the Board of Trinity College acting on the terms of the fund. Further particulars may be obtained from the Dean of the Faculty. Value, €6,348.

31) SHEPPARD MEMORIAL PRIZE: In 1970 a bequest was received from the trustees of Dr John F. Sheppard and Dr Molly Sheppard. It is awarded to the winner of the postgraduate prize in medicine or surgery (see above). Value, €5,078.

32) E.C. SMITH SCHOLARSHIP IN PATHOLOGY: In 1956 a bequest was received under the will of the late Mrs I. A. Smith to found a scholarship for research in pathology in memory of her son, Edmund Cyril Smith, formerly assistant to the Professor of Pathology in the University. The following regulations have been made by the Board: The scholarship is offered triennially and is held for two years. The scholar must carry out under the direction of a member of the staff of the medical school of Trinity College, full-time research in pathology (including immunology, virology, and such aspects of microbiology, haematology and clinical biochemistry as are relevant to disease in human beings). The research must be carried on in Trinity College, or in a Dublin hospital, save that a Smith scholar who is a graduate of the University of Dublin may, if the Supervisor considers it desirable, work elsewhere for a period of not more than twelve months. Awards are made on the recommendation of a committee comprising the Chairman of the Division of Laboratory
33) STOKES KENNEDY CROWLEY PRIZE: The award was founded in 1969 by Stokes Kennedy Crowley, Chartered Accountants. A prize of €190 is awarded annually to the student on the M.B.A. course whose project is rated best by the examiners.

34) RICHARD SMYTH EXHIBITION IN TROPICAL MEDICINE: This prize was founded in 1940 by a gift from Richard Smyth to encourage the study of tropical medicine. It is offered biennially to the candidate who obtains the highest marks for (a) an essay on a tropical disease or on an aspect of tropical hygiene, and (b) reports on five cases of tropical disease personally studied by him/her either in the wards of a hospital for tropical diseases in Great Britain or Ireland, or in a tropical country. Equal marks are allotted to (a) and (b). A candidate must be a medical graduate of the University of not more than five years' standing, who has either been awarded a prize at the examination for the Richard Smyth prizes, or been adjudged by the examiners to have attained a satisfactory mark. A candidate who has been awarded the exhibition may not subsequently compete. Essays and notes on cases must be dispatched so as to reach the Dean of the Faculty not later than 31st October in the year in which the exhibition is available. Value, €2,158.

35) TECHNICON RESEARCH FELLOWSHIP: This fellowship was established in 1980 by a gift of a capital sum from Technicon (Ireland) Limited. Appointment to the fellowship is open to suitably qualified graduates, whether of this University or elsewhere. On each occasion that the fellowship is to be filled, a committee comprising the Dean of the Faculty of Health Sciences, together with the Regius Professors of Physic and Surgery, and the Professors of Obstetrics and Gynaecology and Microbiology advise on the choice of an area of research. The area of research having been approved by Technicon (Ireland) Limited, the fellowship is advertised. Applicants for the fellowship are assessed by an interviewing committee set up by the University Council on the nomination of the Dean of the Faculty. The composition of the interviewing committee will vary with the area of research. The successful applicant is appointed to the fellowship for a period of one year renewable for two further periods of one year each, and is encouraged to register for a higher degree. Value: approximately €10,792 per annum.

36) VICTORIA UNIVERSITY SCHOLARSHIP: This scholarship is open for application on an annual basis. The successful applicant must be registered for a research (M.Litt., Ph.D.) degree in TCD in the field of Irish-Australian Studies that is in the areas of historical, economic, social and scientific aspects of the relationship between Ireland and Australia. The topic of study must be one that can be effectively supervised by a member of staff at Victoria University. The scholarship does not provide for travel costs to Australia but the successful candidate will register for the year at Victoria University, Australia and will have their fees waived for that period. The year at Victoria University will be recognised by TCD as equivalent to one spent in TCD. Value, variable, depending on fee levels at Victoria University.

37) WHITE POSTGRADUATE FELLOWSHIP IN IRISH ART HISTORY: The White fellowship was established in 2007 to promote excellence in research in Irish Art History. Applicants should hold at least a 2.1 degree in Art History or a cognate subject. The award is offered for up to two years for M.Litt. students, and three years for Ph.D. students, and is subject to annual review of academic progress. The amount of the award is €15,000 maintenance per annum, plus waiver of College annual fees (subject to specified annual limits). Details of the fellowships can be found on the website of TRIARC (http://www.tcd.ie/History_of_Art/triarc/), or by emailing the Irish Art Research Centre in the History of Art Department (triarc@tcd.ie).

38) DR JOHN HENRY WHYTE TRUST FUND: This Fund was established in 1990 by subscription in memory of Dr John Henry Whyte. It provides a grant for one graduate in political science each year from a university alternately in the Republic of Ireland and
Northern Ireland to register in the Department of Politics at Queen’s University Belfast (if from the Republic) or at UCD (if from Northern Ireland) for a Masters Degree by research or by a taught course related to the government and politics of Ireland. The award is made by the Board of Trustees. Applications are available from the Professor of Political Science and should be returned to the Department and forwarded to the Board of Trustees before the end of Hilary term for an award tenable in the following academic year. Value, €3,174 in 1995.

39) PROFESSOR D.A. WEBB SCHOLARSHIP: This scholarship was established in 1995 in memory of Professor D.A. Webb, Professor of Systematic Botany in T.C.D. The fund was established with monies provided through his estate and subsequent donations given by friends and colleagues in his memory. The scholarship is managed by three trustees, the Head of the Department of Botany, the Curator of the Herbarium, to whom application should be made, and the Provost of Trinity College Dublin. The fund is designed to allow students to understand fully, Irish plant variation, distribution and occurrence, in its wider European context. In part the fund is used to support field-work and, in part, to support needy postgraduate students undertaking relevant study. Value, €6,348 in 2001.

FOUNDATION AND NON-Foundation Scholarships

8.22 The full regulations concerning these Scholarships are to be found in the Calendar, Part 1, page S-5 onwards.

EMERGENCY FINANCIAL ASSISTANCE SCHEME

8.23 Application must be made on a form available from the Graduate Studies Office. Only cases of extreme urgency are considered on a case-by-case basis. Only students in, or about to enter their second or subsequent years on the register will be eligible. Only in very exceptional circumstances will an allocation of funding be repeated to the same student in a further year.

8.24 Other financial assistance: Merle Hanna award in Chemistry: This award was founded by a bequest from Miss Merle O. Hanna to provide an award for the benefit of a student or students, either postgraduate or undergraduate, in the Department of Chemistry who may have a special need, which need shall not be based on academic ability. The award is made on the nomination of the Head of the Department of Chemistry.

TRINITY TRUST TRAVEL GRANTS

8.25 The Executive Committee of the Trinity Trust makes funds available to the Graduate Studies Committee for allocation to graduate students for attendance at conferences related to their research. Regulations and application forms are available from the Graduate Studies Office. This form is also downloadable from the local page of the Graduate Studies Web site. Electronic submission of the form is not permitted. Awards are made quarterly (deadlines 1st December, 1st March, 1st June and 1st September) and application must be made in advance of travel.

MISCELLANEOUS RESEARCH TRAVEL FUNDS

8.26 Specific applications are invited as stated under each entry

1) ARNOULD MEMORIAL PRIZE: This prize was founded in 1981 in memory of Emile J. Arnould, Professor of French from 1945 to 1975, by a gift from Evelyn, his widow, and Nicole, his daughter (supplemented by donations from former students, colleagues and
It is awarded annually to enable a postgraduate student in French at the College to travel to France for research purposes. Recommendation for the award, judged on the basis of scholarly needs and excellence, but with preference given for studies in Old French, the history of the French language or related areas, is made by the Professor of French in consultation with the Supervisors concerned and departmental colleagues. Applications should be made to him in writing on or before the last day of Hilary teaching term. The prize which may be shared or not awarded, as considered most appropriate, is at present valued at €900.

2) VALDA BOYDELL GRADUATE PRIZE: This prize was founded in 2004 by a bequest from the estate of Miss Valda Boydell. It is awarded to a graduate of the University ‘for study of any approved branch of the Old Testament including study in any Near Eastern country’. The prize will be awarded on the basis of the merit of a research proposal in Old Testament, for the purpose of travel (including conference attendance) in connection with such research, and for study in a Near Eastern country. In the case of two or more equally deserving proposals the prize may be divided. Submissions from postgraduates whose names are on the College books should be made to the School of Religions and Theology by 1st March. Value: €500.

3) CANADIAN STUDIES TRAVEL SCHOLARSHIP: This scholarship was funded by a gift from Northern Telecom Limited in 1983. Awards are made annually for one month’s study/research in Canada on a Canadian topic. It is open to postgraduates of Trinity College or, should no award be made at that level, to undergraduates. Applicants should submit a curriculum vitae, study proposal and the name of one referee familiar with their work, to the Dean of Graduate Studies by 1st April of the year in which they wish to travel. The final selection will be by interview.

4) DR A.J. LEVENTHAL GRADUATE TRAVELLING SCHOLARSHIP IN MODERN LANGUAGES OR LITERATURE: The A. J. Leventhal scholarship, funded by private donation and by the T.C.D. Trust, has been created to enable graduates of Irish universities who are pursuing postgraduate studies in modern languages or modern literature in Trinity College to further their studies in Europe. One award of approximately €2,285 will be made in each academic year. Applications are invited from registered postgraduate students in the Arts Faculties who are pursuing research in modern languages or modern literature. Application forms will be available from the Dean of Arts and Humanities in February each year. The closing date for receipt of applications will be 1st April. The final selection will be made by interview. The successful applicant will have to submit a detailed report of the studies undertaken during the period abroad on the scholarship.

5) ESTHER J. LUKER AND MAUDE COBBE BURSARY: This bursary was endowed by Miss Maude Cobbe in 1970 in memory of a friendship of nearly sixty-five years. The fund is used for graduate exchanges between Girton College, Cambridge and Trinity College, Dublin. Undergraduates may be considered if suitable graduates do not apply. Nominations to the bursary have to be agreed between the Council of Girton College and the Board of Trinity College. Application should be made to the Dean of Graduate Studies not later than 1st March each year.

6) LELAND LYONS TRAVELLING SCHOLARSHIP IN MODERN HISTORY: This award was founded in 1981 by a gift from the retiring Provost, Dr Francis Stewart Leland Lyons. It is awarded biennially, at the discretion of the Professor of Modern History to a graduate student who needs to undertake travel in connection with his/her research in some aspect of modern history. It is anticipated that the award will be supplemented by a grant from the Graduate Studies Research Travel Fund. With this supplementation the current value of the scholarship is expected to be approximately €444. Application should be made to the Professor of Modern History before 31st March.

7) T. W. MOODY MEMORIAL FUND: Established in 1985 by subscription in memory of Theodore William Moody, Erasmus Smith’s Professor of Modern History (1939-1977), the
Fund is intended to assist graduate students to travel to libraries and archives, to enable them to obtain inaccessible material in copied form and to help them in other ways directly connected with their research. It is open to graduates of an Irish university, of not more than seven years' standing, who are engaged in research leading to a higher degree in history. The Fund is administered by the Erasmus Smith's Professor of Modern History (to whom application should be made before 1st May) and representatives from Trinity College Dublin, The National University of Ireland, and a Northern Irish University.

8) OWEN SHEEHY SKEFFINGTON MEMORIAL AWARDS
This fund was established in 1973 from funds contributed in memory of Dr Owen Sheehy Skeffington. The annual award takes the form in alternate years of a traveling scholarship (2010) and a maintenance grant (2011) of approximately €2,000). The travelling scholarship is available to any registered student at an institution of higher education in this country. The award is for travel to France and applications are sought by public advertisement. The selection will be made on the recommendation of a committee. For details of the maintenance grant see financial assistance.

9) ROYAL CITY OF DUBLIN HOSPITAL POSTGRADUATE TRAVELLING PRIZE:
This prize was established in 1992 at the request of the Board of the Royal City of Dublin Hospital, Baggot Street, which donated a capital sum comprising bequests to the hospital associated with prizes commemorating Dr Alfred Parsons, Dr William Wheeler and Dr John Briscoe. The prize is open to all medical graduates of the College of not more than five years' standing and who are seeking financial assistance towards the cost of a short period of work, study or research (including the cost of books) in a medical unit abroad. The prize is awarded annually on the recommendation of a committee appointed from time to time by the Board of Trinity College, which, in appointing the members of the committee will keep in mind the desire of the donors that at least one member of the committee shall be a medical member of the Board of the Royal City of Dublin Hospital, Baggot Street. Value, €2,222.

10) TAYLOR BEQUEST IN MUSIC: The bequest was made in 1978 by Eileen Taylor to provide for an Entrance Exhibition (see Calendar Part 1, page U4). The surplus of the fund shall be applied to postgraduate and research work in music at the discretion of the Professor of Music (or Head of Department) in consultation with the School of Music Committee. Applications to the fund should be made directly to the Professor of Music or Head of Department.

11) DAVID A. WEBB MEMORIAL TRAVEL SCHOLARSHIP: The Trustees of the D.A. Webb Scholarship can make available up to 50% of the net interest received under Section 8, Paragraph 8.20 above to support travel, accommodation and subsistence expenses for students undertaking field study of the Irish Flora in its European context. Under exceptional circumstances, awards may be made to support attendance at conferences or other symposia. Written applications of no more than 2 pages in length, are to be made to the Curator of the Herbarium, acting for the Head of the Department of Botany before 1st March during the year in which funding is sought.
9. POSTGRADUATE DEGREE AND DIPLOMA COURSES
- ANNUAL FEES 2009/10

1 The following fees apply to all new entrants on postgraduate courses commencing 2009-10. For continuing students, fees can be obtained from the Fees Office website at http://www.tcd.ie/Treasurers_Office/fees. The fees do not include the student Sports Centre charge of €77 or the €8 U.S.I. levy. There is a conferring fee of €114 payable by all students when they apply for Commencements.

2 The degree of M.Sc. (Ind.) will be conferred upon students who successfully complete the Master in Science research programmes. The degree of M.Sc. (St.) will be conferred upon students who successfully complete taught Master in Science programmes.

<table>
<thead>
<tr>
<th>Degree</th>
<th>E.U.</th>
<th>Non-E.U.</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.D.</td>
<td>4,750</td>
<td>7,426</td>
</tr>
<tr>
<td>D.D.*</td>
<td>4,750</td>
<td>7,426</td>
</tr>
<tr>
<td>LL.D.*</td>
<td>4,750</td>
<td>7,426</td>
</tr>
<tr>
<td>Litt.D.*</td>
<td>4,750</td>
<td>7,141</td>
</tr>
<tr>
<td>Mus.D.*</td>
<td>4,750</td>
<td>8,229</td>
</tr>
<tr>
<td>Sc.D.*</td>
<td>4,750</td>
<td>9,500</td>
</tr>
<tr>
<td>M.Ch., M.A.O., and M.D.</td>
<td>4,750</td>
<td>9,500</td>
</tr>
<tr>
<td>M.Dent.Sc.</td>
<td>4,750</td>
<td>9,500</td>
</tr>
<tr>
<td>M.A.I. (excluding course)</td>
<td>4,750</td>
<td>9,500</td>
</tr>
<tr>
<td>M.A.I. (course)</td>
<td>5,750</td>
<td>11,500</td>
</tr>
<tr>
<td>M.B.A.</td>
<td>29,500</td>
<td>29,500</td>
</tr>
<tr>
<td>M.Ed.</td>
<td>5,750</td>
<td>15,992</td>
</tr>
<tr>
<td>M.Litt.</td>
<td>3,675</td>
<td>6,066</td>
</tr>
<tr>
<td>LL.M.</td>
<td>8,000</td>
<td>18,000</td>
</tr>
<tr>
<td>M.Phil. in Applied Linguistics</td>
<td>7,250</td>
<td>14,208</td>
</tr>
<tr>
<td>M.Phil. in Classics</td>
<td>5,750</td>
<td>11,102</td>
</tr>
<tr>
<td>M.Phil. in Comparative Literature</td>
<td>5,500</td>
<td>12,458</td>
</tr>
<tr>
<td>M.Phil. in Creative Writing</td>
<td>7,250</td>
<td>12,602</td>
</tr>
<tr>
<td>M.Phil. in Early Irish Language Teaching</td>
<td>5,500</td>
<td>12,458</td>
</tr>
<tr>
<td>M.Phil. in English Language Teaching</td>
<td>7,250</td>
<td>14,208</td>
</tr>
<tr>
<td>M.Phil. in European Studies</td>
<td>6,000</td>
<td>12,958</td>
</tr>
<tr>
<td>M.Phil. in Ethnic and Racial Studies</td>
<td>8,750</td>
<td>14,102</td>
</tr>
<tr>
<td>M.Phil. in Film Theory and History</td>
<td>7,250</td>
<td>14,208</td>
</tr>
<tr>
<td>Programme</td>
<td>Type</td>
<td>Notes</td>
</tr>
<tr>
<td>-----------</td>
<td>------</td>
<td>-------</td>
</tr>
<tr>
<td>M.Phil. in Gender and Women’s Studies</td>
<td>annual fee (full-time) (see note 1)</td>
<td>5,750</td>
</tr>
<tr>
<td>M.Phil. in German Literature with Language Pedagogy</td>
<td>annual fee (part-time) (see note 1)</td>
<td>4,750</td>
</tr>
<tr>
<td>M.Phil. in Irish Art History</td>
<td>annual fee (see note 1)</td>
<td>5,750</td>
</tr>
<tr>
<td>M.Phil. in Irish Film, Music and Theatre</td>
<td>annual fee (see note 1)</td>
<td>5,750</td>
</tr>
<tr>
<td>M.Phil. in Irish Writing</td>
<td>annual fee (see note 1)</td>
<td>7,250</td>
</tr>
<tr>
<td>M.Phil. in Linguistics</td>
<td>annual fee (full-time) (see note 1)</td>
<td>7,250</td>
</tr>
<tr>
<td></td>
<td>annual fee (part-time) (see note 1)</td>
<td>4,750</td>
</tr>
<tr>
<td>M.Phil. in Literary Translation</td>
<td>annual fee (see note 1)</td>
<td>5,500</td>
</tr>
<tr>
<td>M.Phil. in Literatures of the Americas</td>
<td>annual fee (see note 1)</td>
<td>7,250</td>
</tr>
<tr>
<td>M.Phil. in Medieval History</td>
<td>annual fee (see note 1)</td>
<td>5,750</td>
</tr>
<tr>
<td>M.Phil. in Medieval Language, Literature and Culture</td>
<td>annual fee (see note 1)</td>
<td>5,500</td>
</tr>
<tr>
<td>M.Phil. in Modern Irish History</td>
<td>annual fee (see note 1)</td>
<td>7,250</td>
</tr>
<tr>
<td>M.Phil. in Music and Media Technologies</td>
<td>annual fee (see notes 1 and 6)</td>
<td>7,250</td>
</tr>
<tr>
<td>M.Phil. in Musicology and Music Theory</td>
<td>annual fee (see note 1)</td>
<td>5,750</td>
</tr>
<tr>
<td>M.Phil. in Popular Literature</td>
<td>annual fee (see note 1)</td>
<td>7,250</td>
</tr>
<tr>
<td>M.Phil. in Psychoanalytic Studies</td>
<td>annual fee (see note 1)</td>
<td>7,250</td>
</tr>
<tr>
<td>M.Phil. in Reconciliation Studies</td>
<td>annual fee (full-time) (see note 1)</td>
<td>7,250</td>
</tr>
<tr>
<td></td>
<td>annual fee (part-time) (see note 1)</td>
<td>4,750</td>
</tr>
<tr>
<td>M.Phil. in Reformation and Enlightenment Studies</td>
<td>annual fee (see note 1)</td>
<td>5,750</td>
</tr>
<tr>
<td>M.Phil. in Social Work Research</td>
<td>annual fee (see note 1)</td>
<td>6,000</td>
</tr>
<tr>
<td>M.Phil. in Speech and Language Processing</td>
<td>annual fee (full-time) (see note 1)</td>
<td>7,250</td>
</tr>
<tr>
<td></td>
<td>annual fee (part-time) (see note 1)</td>
<td>4,750</td>
</tr>
<tr>
<td>M.Phil. in Textual and Visual Studies</td>
<td>annual fee (see note 1)</td>
<td>5,500</td>
</tr>
<tr>
<td>M.Phil. in Theatre and Performance</td>
<td>annual fee (see note 1)</td>
<td>5,750</td>
</tr>
<tr>
<td>M.Phil. (Ecum.)</td>
<td>annual fee (full-time) (see note 1)</td>
<td>7,250</td>
</tr>
<tr>
<td></td>
<td>annual fee (part-time) (see note 1)</td>
<td>4,750</td>
</tr>
<tr>
<td>M.Phil. (Peace Studies)</td>
<td>annual fee (full-time) (see note 1)</td>
<td>7,250</td>
</tr>
<tr>
<td></td>
<td>annual fee (part-time) (see note 1)</td>
<td>4,750</td>
</tr>
<tr>
<td>M.Sc. (Research)</td>
<td>annual fee (full-time) (see note 2)</td>
<td>6,000</td>
</tr>
<tr>
<td></td>
<td>annual fee (part-time) (see note 2)</td>
<td>4,200</td>
</tr>
<tr>
<td>Program</td>
<td>Fee Type</td>
<td>Year 1</td>
</tr>
<tr>
<td>--------------------------------------------------</td>
<td>-----------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>M.Sc. in Advanced Radiotherapy Practice</td>
<td>annual fee (see note 1)</td>
<td>7,500</td>
</tr>
<tr>
<td>M.Sc. in Applied Psychology</td>
<td>annual fee (full-time) (see note 1)</td>
<td>7,500</td>
</tr>
<tr>
<td>M.Sc. in Applied Social Research</td>
<td>annual fee (part-time) (see note 1)</td>
<td>4,750</td>
</tr>
<tr>
<td>M.Sc. in Biodiversity and Conservation</td>
<td>annual fee (see note 1)</td>
<td>8,750</td>
</tr>
<tr>
<td>M.Sc. in Bioengineering</td>
<td>annual fee (full-time) (see notes 1 and 6)</td>
<td>7,250</td>
</tr>
<tr>
<td>M.Sc. in Biomedical Sciences (intercalated)</td>
<td>annual fee (part-time) (see notes 1 and 6)</td>
<td>5,750</td>
</tr>
<tr>
<td>M.Sc. in Cancer Care</td>
<td>annual fee (year 1) (see note 1)</td>
<td>7,500</td>
</tr>
<tr>
<td>M.Sc. in Cancer Care</td>
<td>annual fee (year 2) (see note 1)</td>
<td>5,000</td>
</tr>
<tr>
<td>M.Sc. in Cardiology</td>
<td>annual fee (part-time) (see note 1)</td>
<td>7,000</td>
</tr>
<tr>
<td>M.Sc. in Cardiovascular Rehabilitation and Prevention</td>
<td>annual fee (full-time) (see note 1)</td>
<td>13,000</td>
</tr>
<tr>
<td>M.Sc. in Cardiovascular Rehabilitation and Prevention</td>
<td>annual fee (part-time) (see note 1)</td>
<td>7,500</td>
</tr>
<tr>
<td>M.Sc. in Child and Adolescent Psychoanalytic Psychotherapy</td>
<td>annual fee (see note 1)</td>
<td>4,750</td>
</tr>
<tr>
<td>M.Sc. in Child Protection and Welfare</td>
<td>annual fee (see note 1)</td>
<td>6,000</td>
</tr>
<tr>
<td>M.Sc. in Civil Engineering</td>
<td>annual fee (full-time and part-time) (see note 1)</td>
<td>5,750</td>
</tr>
<tr>
<td>M.Sc. in Clinical Chemistry</td>
<td>annual fee (see note 1)</td>
<td>6,750</td>
</tr>
<tr>
<td>M.Sc. in Clinical Speech and Language Studies</td>
<td>annual fee (see note 1)</td>
<td>4,750</td>
</tr>
<tr>
<td>M.Sc. in Clinical Supervision</td>
<td>annual fee (see note 1)</td>
<td>7,250</td>
</tr>
<tr>
<td>M.Sc. in Community Pharmacy</td>
<td>annual fee (see note 1)</td>
<td>4,750</td>
</tr>
<tr>
<td>M.Sc. in Comparative European Politics</td>
<td>annual fee (full-time) (see note 1)</td>
<td>10,070</td>
</tr>
<tr>
<td>M.Sc. in Computer Science (Interactive Entertainment Technology)</td>
<td>annual fee (part-time) (see note 1)</td>
<td>7,049</td>
</tr>
<tr>
<td>M.Sc. in Computer Science (Mobile and Ubiquitous Computing)</td>
<td>annual fee (see notes 1 and 7)</td>
<td>5,750</td>
</tr>
<tr>
<td>M.Sc. in Computer Science (Networks and Distributed Systems)</td>
<td>annual fee (see notes 1 and 6)</td>
<td>5,750</td>
</tr>
<tr>
<td>M.Sc. in Drug and Alcohol Policy</td>
<td>annual fee (see note 1)</td>
<td>5,500</td>
</tr>
<tr>
<td>M.Sc. in Economic Policy Studies</td>
<td>annual fee (see note 1)</td>
<td>12,500</td>
</tr>
<tr>
<td>M.Sc. in Environment and Development</td>
<td>annual fee (see note 1)</td>
<td>5,750</td>
</tr>
<tr>
<td>M.Sc. in Environmental Sciences</td>
<td>annual fee (see note 1)</td>
<td>5,750</td>
</tr>
<tr>
<td>Program</td>
<td>Full-time Fee (Note 1)</td>
<td>Part-time Fee (Notes 1 and 6)</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>------------------------</td>
<td>------------------------------</td>
</tr>
<tr>
<td>M.Sc. in Exercise Physiology</td>
<td>7,250</td>
<td>4,750</td>
</tr>
<tr>
<td>M.Sc. in Finance</td>
<td>13,250</td>
<td>10,500</td>
</tr>
<tr>
<td>M.Sc. in Gerontological Nursing</td>
<td>8,750</td>
<td>5,750</td>
</tr>
<tr>
<td>M.Sc. in Global Health</td>
<td>8,750</td>
<td>5,750</td>
</tr>
<tr>
<td>M.Sc. in Health Informatics</td>
<td>8,750</td>
<td>5,750</td>
</tr>
<tr>
<td>M.Sc. in Health Services Management</td>
<td>8,750</td>
<td>5,750</td>
</tr>
<tr>
<td>M.Sc. in High Performance Computing</td>
<td>5,750</td>
<td>4,750</td>
</tr>
<tr>
<td>M.Sc. in Hospital Pharmacy</td>
<td>4,500</td>
<td>4,750</td>
</tr>
<tr>
<td>M.Sc. in Integrated Systems Design</td>
<td>10,500</td>
<td>8,000</td>
</tr>
<tr>
<td>M.Sc. in Interactive Digital Media</td>
<td>5,750</td>
<td>4,000</td>
</tr>
<tr>
<td>M.Sc. in International Management</td>
<td>14,000</td>
<td>8,000</td>
</tr>
<tr>
<td>M.Sc. in Management of Information Systems</td>
<td>4,000</td>
<td>3,000</td>
</tr>
<tr>
<td>M.Sc. in Mechanical Engineering (Erasmus Mundus)</td>
<td>8,750</td>
<td>6,750</td>
</tr>
<tr>
<td>M.Sc. in Medical Imaging</td>
<td>4,750</td>
<td>4,750</td>
</tr>
<tr>
<td>M.Sc. in Mental Health</td>
<td>4,750</td>
<td>4,750</td>
</tr>
<tr>
<td>M.Sc. in Midwifery</td>
<td>8,750</td>
<td>4,750</td>
</tr>
<tr>
<td>M.Sc. in Molecular Medicine</td>
<td>7,250</td>
<td>4,750</td>
</tr>
<tr>
<td>M.Sc. in Molecular Pathology</td>
<td>6,750</td>
<td>4,750</td>
</tr>
<tr>
<td>M.Sc. in Neuroscience</td>
<td>8,750</td>
<td>4,750</td>
</tr>
<tr>
<td>M.Sc. in Nursing</td>
<td>8,750</td>
<td>4,750</td>
</tr>
<tr>
<td>M.Sc. in Occupational Therapy</td>
<td>4,750</td>
<td>4,750</td>
</tr>
<tr>
<td>M.Sc. in Palliative Care</td>
<td>4,750</td>
<td>4,750</td>
</tr>
<tr>
<td>M.Sc. in Pharmaceutical Analysis</td>
<td>8,500</td>
<td>5,750</td>
</tr>
<tr>
<td>M.Sc. in Pharmaceutical Manufacturing Technology</td>
<td>9,200</td>
<td>5,750</td>
</tr>
<tr>
<td>M.Sc. in Pharmaceutical Medicine</td>
<td>4,750</td>
<td>4,750</td>
</tr>
<tr>
<td>M.Sc. in Pharmaceutical</td>
<td>9,500</td>
<td>5,750</td>
</tr>
<tr>
<td>Degree/M.Sc. / M.Sc. in Technology and Learning</td>
<td>annual fee (part-time) (see note 1 and 6)</td>
<td>5,750</td>
</tr>
<tr>
<td>---------------------------------------------</td>
<td>------------------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>M.Sc. (Econ.)</td>
<td>annual fee (full-time) (see note 1)</td>
<td>9,300</td>
</tr>
<tr>
<td></td>
<td>annual fee (part-time) (see note 1)</td>
<td>6,510</td>
</tr>
<tr>
<td>M.Sc. (Mgmt) in Business Administration</td>
<td>annual fee (see note 3) (next intake of students January 2011)</td>
<td>17,500</td>
</tr>
<tr>
<td>M.Sc. (Mgmt) in International Business</td>
<td>annual fee (see note 3)</td>
<td>18,500</td>
</tr>
<tr>
<td>M.Sc. (Mgmt) in Management Practice</td>
<td>annual fee (see note 3)</td>
<td>18,855</td>
</tr>
<tr>
<td>M.Sc. (Mgmt) in Organisation Behaviour</td>
<td>annual fee (see note 3)</td>
<td>13,500</td>
</tr>
<tr>
<td>M.Sc. (Mgmt) in Strategic Management</td>
<td>annual fee (see note 3) (next intake of students September 2010)</td>
<td>17,500</td>
</tr>
<tr>
<td>M.St.</td>
<td>annual fee (see note 1)</td>
<td>5,750</td>
</tr>
<tr>
<td>M.S.W.</td>
<td>annual fee (see note 1)</td>
<td>7,250</td>
</tr>
<tr>
<td>M.Th.</td>
<td>annual fee (years 1-3 part-time)</td>
<td>3,300</td>
</tr>
<tr>
<td></td>
<td>annual fee (years 1-6 part-time)</td>
<td>1,650</td>
</tr>
<tr>
<td>Ph.D. in the Faculty of Arts, Humanities and Social Sciences (excluding the Department of Clinical Speech and Language Studies and the School of Psychology)</td>
<td>annual fee (full-time) (see note 2)</td>
<td>5,250</td>
</tr>
<tr>
<td></td>
<td>annual fee (part-time) (see note 2) (see note 8)</td>
<td>4,200</td>
</tr>
<tr>
<td></td>
<td>annual fee (full-time) (see note 2)</td>
<td>6,000</td>
</tr>
<tr>
<td></td>
<td>annual fee (part-time) (see note 2) (see note 8)</td>
<td>4,200</td>
</tr>
<tr>
<td>Ph.D. in Molecular Medicine</td>
<td>annual fee (see note 2)</td>
<td>5,750</td>
</tr>
<tr>
<td>Ph.D. in Neuroscience</td>
<td>annual fee (see note 2)</td>
<td>5,750</td>
</tr>
<tr>
<td>Ph.D. in Political Science</td>
<td>annual fee (see note 2)</td>
<td>8,300</td>
</tr>
<tr>
<td>D.Clin.Psych.</td>
<td>annual fee (see note 1)</td>
<td>13,953</td>
</tr>
<tr>
<td>D.Ch.Dent.</td>
<td>annual fee (see note 1)</td>
<td>21,000</td>
</tr>
</tbody>
</table>
D.Ed. annual fee (see note 1) 6,000 7,195
Doctorate in Counselling Psychology annual fee (see note 1) 12,500 18,500
Thesis revision fee (Arts, Humanities and Social Sciences) one year (see note 4) 1,853 1,853
Thesis revision fee (Engineering, Mathematics and Science) one year (see note 4) 2,174 2,174

Notes
* No fee for eligible members of staff.
1 Students who do not complete their postgraduate taught course in the required time will have to re-register and pay full annual fees in the continuing year(s).
2 Students entering the third and subsequent years on the M.Sc. (by research) and M.Litt. registers and the fifth and subsequent years on the Ph.D. register will be required to pay full annual fees. 50 per cent fee remission granted when thesis submission is made by 1 March (by 1 October for March registrants).
3 This course is organised jointly with the Irish Management Institute.
4 Where the revised thesis is submitted within six months of the original thesis submission date a reduced fee of €1,160 will be payable.
5 Students on this course pay the annual fee only for the year spent in Trinity College.
6 A reduced fee of €2,000 may be payable by an E.U. student under the Higher Education Authority’s graduate skills conversion programme. Please contact the Graduate Studies Office for further details.
7 A reduced fee of €2,000 may be payable by an E.U. student under the Higher Education Authority’s IT investment technology fund. Please contact the Graduate Studies Office for further details.
8 Students on the part-time register who leave before they have completed 6 years on the register will be required to pay the difference in fees between the total part-time fees they have already paid and the equivalent full-time fee that they would have been charged during that time on the register, up to a maximum of the 4 years full-time fee.

POSTGRADUATE DIPLOMA AND HIGHER DIPLOMA FEES
1 The fees shown below do not include the student Sports Centre charge of €77 or the €9 U.S.I. levy.

<table>
<thead>
<tr>
<th>Program</th>
<th>E.U.</th>
<th>NON-E.U.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied behaviour analysis</td>
<td>7,500</td>
<td>9,239</td>
</tr>
<tr>
<td>Applied building repair and conservation</td>
<td>5,750</td>
<td>11,500</td>
</tr>
<tr>
<td>Child protection and welfare</td>
<td>6,700</td>
<td>8,439</td>
</tr>
<tr>
<td>Clinical engineering (equipment management)</td>
<td>5,750</td>
<td>11,500</td>
</tr>
<tr>
<td>Clinical health sciences education</td>
<td>4,750</td>
<td>13,500</td>
</tr>
<tr>
<td>Clinical speech and language studies (dysphagia)</td>
<td>4,750</td>
<td>6,489</td>
</tr>
<tr>
<td>Clinical supervision (psychology)</td>
<td>6,250</td>
<td>7,989</td>
</tr>
<tr>
<td>Cognitive psychotherapy</td>
<td>10,750</td>
<td>21,500</td>
</tr>
<tr>
<td>Community pharmacy</td>
<td>4,750</td>
<td>9,500</td>
</tr>
<tr>
<td>Conflict and dispute resolution studies</td>
<td>6,000</td>
<td>7,338</td>
</tr>
<tr>
<td>Conscious sedation in dentistry</td>
<td>7,250</td>
<td>14,500</td>
</tr>
<tr>
<td>Course</td>
<td>Annual Fee (Year 1)</td>
<td>Annual Fee (Year 2)</td>
</tr>
<tr>
<td>-----------------------------------------------------------------------</td>
<td>---------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>Construction law and contract administration</td>
<td>7,250</td>
<td>14,500</td>
</tr>
<tr>
<td>Education</td>
<td>5,750</td>
<td>8,426</td>
</tr>
<tr>
<td>Environmental engineering</td>
<td>5,750</td>
<td>11,500</td>
</tr>
<tr>
<td>Fire safety practice (buildings and other structures)</td>
<td>5,750</td>
<td>11,500</td>
</tr>
<tr>
<td>Gynaecology and obstetrics</td>
<td>4,750</td>
<td>9,500</td>
</tr>
<tr>
<td>Health and safety in construction</td>
<td>5,750</td>
<td>11,500</td>
</tr>
<tr>
<td>Higher diploma in children's nursing</td>
<td>12,370</td>
<td>12,370</td>
</tr>
<tr>
<td>Higher diploma in education (primary)</td>
<td>5,750</td>
<td>8,426</td>
</tr>
<tr>
<td>Higher diploma in midwifery</td>
<td>17,827</td>
<td>17,827</td>
</tr>
<tr>
<td>Higher diploma in psychology</td>
<td>9,500</td>
<td>18,450</td>
</tr>
<tr>
<td>Highway and geotechnical engineering</td>
<td>5,750</td>
<td>11,500</td>
</tr>
<tr>
<td>Molecular medicine</td>
<td>4,750</td>
<td>9,500</td>
</tr>
<tr>
<td>Music and media technologies</td>
<td>7,250</td>
<td>14,500</td>
</tr>
<tr>
<td>Old Irish</td>
<td>5,500</td>
<td>8,979</td>
</tr>
<tr>
<td>Oncological nursing</td>
<td>7,250</td>
<td>14,500</td>
</tr>
<tr>
<td>Pharmaceutical manufacturing technology</td>
<td>9,200</td>
<td>9,200</td>
</tr>
<tr>
<td>Pharmaceutical medicine</td>
<td>4,750</td>
<td>9,500</td>
</tr>
<tr>
<td>Physical planning</td>
<td>5,750</td>
<td>11,500</td>
</tr>
<tr>
<td>Project management</td>
<td>5,750</td>
<td>11,500</td>
</tr>
<tr>
<td>Specialist nursing</td>
<td>8,000</td>
<td>10,000</td>
</tr>
<tr>
<td>Statistics</td>
<td>4,000</td>
<td>8,000</td>
</tr>
</tbody>
</table>

**Footnotes**

1. There may be a 33 per cent reduction for students employed by an agency funded by the Department of Health and Children.

2. This is a standard tuition fee for all students irrespective of country of residence or nationality and includes the fees for the Rotunda Hospital. Accommodation costs are not included.

3. A reduced fee of €2,000 may be payable by an E.U. student under the Higher Education Authority's graduate skills conversion programme. Please contact the Graduate Studies Office for further details.
| Academic Appeals Committee for Graduate Students | 25 |
| Academic Progress | 29, 48 |
| Academic Regulations | 18 |
| Address (change) | 21 |
| Admission | 20 |
| Admission Requirements | 36, 44 |
| Adoptive Leave | 23 |
| Appeal against decision of examiners | 43 |
| Appeals | 25 |
| Assistant Supervisors | 38 |
| Attendance | 22, 38, 46, 49 |
| Awards | 15 |
| Postgraduate Research Awards | 235 |
| Nesbitt Ussher Fellowship | 237 |
| Provost Thomas N. Mitchell Ussher Fellowship | 237 |
| R.B. McDowell Ussher Fellowship | 237 |
| Rachel Thompson Ussher Fellowship | 237 |
| Schuler Ussher Fellowship | 237 |
| Ussher Awards | 15, 236 |
| Bachelor in Divinity | 50, 61 |
| Commencements | 31 |
| Complaints concerning supervision | 42 |
| Confirmation of continuation on the Ph.D. Register | 39 |
| Copyright | 33, 59 |
| Course Co-ordinators/Directors | |
| Adams, Dr M | 125 |
| Adedimeji, Dr A | 189 |
| Apor, Dr B | 108 |
| Arnds, Dr P | 117 |
| Atack, Dr I | 127 |
| Bannister, Dr F | 165 |
| Biesty, L | 230 |
| Boran, Dr G | 185 |
| Bracken, Dr M | 98 |
| Brennan, M | 195 |
| Buckley, Dr H | 138 |
| Butler, Dr S | 91 |
| Carmody, Dr P | 159 |
| Carmody, J | 211 |
| Carroll, M | 230 |
| Clarke, Dr S | 158 |
| Coleman, Dr P | 118 |
| Connaire, Dr K | 203 |
| Connolly, Dr D | 202 |
| Connor, Dr T | 182 |
| Conroy, Dr P | 71 |
| Conway, F | 123, 168 |
| Cox, Dr N | 72 |
| Creaner, Dr M | 86, 140 |
| Cunningham, Prof P | 169 |
| Curtis, Dr E | 196, 201 |
| Daly, C | 183 |
| Dawe, G | 102 |
| Dennan, S | 194 |
| Dev, Prof K | 199 |
| Dingliana, Dr J | 156 |
| Donne, B | 212 |
| Dooley, V | 63 |
| Doyle, S | 184 |
| Draper, Prof S | 154 |
| Dromgoole, A | 76 |
| Egaña, Dr M | 187 |
| Falkiner, Dr F | 198 |
| Farrell, Dr E | 150 |
| Fitzgerald, Prof M | 184, 211 |
| Fitzmaurice, Dr B | 217 |
| Foreman, M | 78 |
| Ganiel, Dr G | 130 |
| Gilligan, Prof R | 82, 132 |
| Gilmer, Dr J | 204 |
| Gleeson, Dr R | 221 |
| Gormley, Dr J | 184 |
| Gratton, Prof J | 134 |
| Grene, Prof N | 114 |
| Greville, Prof M | 76 |
| Harty, Dr N | 170, 172 |
| Hederman, Dr L | 162 |
| Hegarty, F | 215 |
| Hollywood, E | 227 |
| Hussey, Dr J | 211 |
| Johnston, K | 71 |
| Johnston, P | 171 |
| Junker Kenny, Prof M | 61 |
| Kallen, Dr J | 99, 106, 116, 133 |
| Kelly, Dr J | 198 |
| King, C | 228 |
| Kokaram, Dr A | 164 |
| Lawler, Prof M | 197, 223 |
| Leahy, M | 84, 139 |
| Lee, M | 191 |
| Lentin, Dr R | 107 |
| Long, Dr A | 182, 197, 223 |
| Loughrey, L | 206 |
| Loxley, Dr A | 69 |
| Lucey, Prof B | 95 |
| MacAvin, Dr M | 207, 225 |
Psychology 147
Higher Doctorate degree 18, 20, 31, 43
Important Dates 15
Invigilating 32
Junior Deans 51
Language of Instruction 19
Level Descriptors 29
Librarian 33, 51
Library 32
Master in
Business Administration
(M.B.A.) 50, 61
Dental Science (M.Dent.Sc.)
50, 178
Education (M.Ed.) 50, 69
Engineering (M.A.I.) 50, 150
Engineering (M.A.I.) Recurrent Education 50, 150
Laws (LL.M.) 50, 71
Management (M.Sc. (Mgmt.)) 50, 72
Obstetrics (M.A.O.) 50, 179
Social Work (M.S.W.) 50, 76
Surgery (M.Ch.) 50, 179
Master in Letters (M.Litt.) by research 43
Master in Philosophy (M.Phil.) in
Applied Linguistics 98
Classics 99
Comparative Literature 100
Creative Writing 101
Early Irish 102
English Language Teaching 105
Ethnic and Racial Studies 106
European Studies 107
Film Theory and History 108
Gender and Women’s Studies 109
German Literature with Language Pedagogy 110
Irish Art History 111
Irish Film, Music and Theatre 112
Irish Writing 113
Linguistics 114
Literary Translation 116
Literatures of the Americas 117
Medieval History 118
Medieval Language, Literature and Culture 119
Modern Irish History 120
Music and Media Technologies 122, 167
Musicology and Music Theory 123
Popular Literature 127
Psychoanalytic Studies 128
Reconciliation Studies 128
Reformation and Enlightenment Studies 130
Social Work Research 132
Speech & Language Processing 132
Textual and Visual Studies:
Twentieth and Twenty-First Centuries 133
Theatre and Performance 134
Master in Philosophy in
Ecumenics (M.Phil.(Ecum.)) 103
Peace Studies (M.Phil. (Peace Studies) 125
Master in Science (M.Sc.) by research 43
Master in Science (M.Sc. (St.)) in
Applied Psychology 79
Applied Social Research 80
Biodiversity and Conservation 151
Bioengineering 152
Biomedical Sciences (Intercalated) 180
Cardiology 182
Chemical and Biological Techniques 153
Child and Adolescent Psychoanalytic Psychotherapy 184
Child Protection and Welfare 82
Civil Engineering 154
Clinical Chemistry 184
Clinical Speech and Language Studies 82
Clinical Supervision 84
Community Pharmacy 185
Comparative European Politics 86
Computer Science (Interactive Entertainment Technology) 155
Computer Science (Mobile and Ubiquitous Computing) 156
Computer Science (Networks and Distributed Systems) 157
Counselling Psychology 87
Drug and Alcohol Policy 90
Economic Policy Studies 91
Economics 92
Electronic Engineering 152
Engineering (by Module) 151
Environment and Development 158
Environmental Sciences 159
Exercise Physiology 186
Finance 94
Gerontological Nursing 187
Global Health 188
Health Informatics 161, 189
Health Services Management 190
High Performance Computing 162
Hospital Pharmacy 191
Integrated Systems Design 163
Interactive Digital Media 164
Management of Information Systems 164
International Management 95
Mechanical Engineering (Erasmus Mundus) 165
Medical Imaging 192
Mental Health 194
Midwifery 195
Molecular Medicine 196
Molecular Pathology 198
Neuroscience 198
Nursing 199
Occupational Therapy 201
Palliative Care 202
Pharmaceutical Analysis 203
Pharmaceutical Manufacturing Technology 204
Pharmaceutical Medicine 207
Pharmaceutical Technology 207
Physical Sciences in Medicine 209
Psychoanalytic Psychotherapy 210
Psychology (Applied Behaviour Analysis) 97
Respiratory Physiotherapy 211
Sports and Exercise Medicine 212
Technology and Learning 98, 166
Master of Studies (M.St.) in School Leadership and Educational Studies 50, 78
Maternity Leave 23
Non-EU applications 22
Off-books 22, 39, 49
One Year Graduate Students not Reading for a Higher Degree 18
PAC (Postgraduate Applications Centre) 20
Part-time registration 21, 38, 46, 49
Paternity Leave 23
Photocopying 33
Plagiarism 27
Postgraduate Awards 235
Postgraduate Diploma – awarded at two levels 46
Postgraduate diploma courses
Applied Behaviour Analysis 136
Applied Building Repair and Conservation 168
Applied Linguistics 137
Biodiversity and Conservation 168
Bioengineering 169
Biomedical Sciences (Intercalated) 213
Cardiovascular Rehabilitation and Prevention 213
Chemical and Biological Techniques 169
Child Protection and Welfare 137
Civil Engineering 169
Classics 138
Clinical Chemistry 213
Clinical Dentistry 213
Clinical Engineering (Equipment Management) 214
Clinical Health Sciences Education 215
Clinical Speech and Language Studies (Dysphagia) 138
Clinical Supervision (Psychology) 139
Cognitive Psychotherapy 216
Community Pharmacy 218
Comparative European Politics 140

Computer Science (Interactive Entertainment Technology) 169
Computer Science (Mobile and Ubiquitous Computing) 169
Computer Science (Networks and Distributed Systems) 169
Computers for Engineers 169
Conflict and Dispute Resolution Studies 140
Conscious Sedation in Dentistry 218
Construction Law and Contract Administration 170
Continuing Education Programme in Statistics 175
Continuing Professional Development 141
Economics 142
Ecumenics 142
Education 142
Educational Studies 143
English Language Teaching 143
Environment and Development 170
Environmental Engineering 170
Environmental Sciences 171
Exercise Physiology 219
Fire Safety Practice (Buildings and other Structures) 171
Gender and Women's Studies 143
German Literature with Language Pedagogy 144
Gerontological Nursing 219
Gynaecology and Obstetrics 220
Health & Safety in Construction 172
Health Informatics 172, 221
High Performance Computing 172
Highway and Geotechnical Engineering 173
Integrated Systems Design 173
Irish Writing 144
Linguistics 144
Management 144
Management of Information Systems 173
Medical Imaging 221
Mental Health 221
Midwifery 221
Modern Irish History 145
Molecular Medicine 222
Music and Media Technologies 145, 173
Old Irish 145
Oncological Nursing 223
Palliative Care 224
Peace Studies 145
Pharmaceutical Analysis 224
Pharmaceutical Manufacturing Technology 224
Pharmaceutical Medicine 224
Pharmaceutical Technology 225
Physical Planning 173
Physical Sciences in Medicine 225
Professional Midwifery Studies 225
Professional Nursing Studies 225
Project Management 174
Psychoanalytic Studies 145
Reconciliation Studies 145
Reformation and Enlightenment Studies 145
Respiratory Physiotherapy 225
Social Work 156
Specialised Technology 175
Specialist Nursing 225
Speech & Language Processing 146
Statistics 175
Technology and Learning 146, 175
Postgraduate Research Studentships 15, 235
Probation 36, 37
Professional Doctorate in Dental Surgery (D.Ch.Dent.) 50, 177
Professional Doctorate in Education (D.Ed.) 50, 68
Professional Higher Degrees 49
Re-checking/re-marking examinations 24
Re-examination 42
Registration 15, 20, 37
part-time 21, 38, 46, 49
Registration for a second degree 20
Research Travel Funds 248
Student charter 51
Student Discipline - regulations 51
<table>
<thead>
<tr>
<th>Supervisors</th>
<th>Referral</th>
<th>42</th>
</tr>
</thead>
<tbody>
<tr>
<td>Co-Supervisor</td>
<td>Stay on</td>
<td>35</td>
</tr>
<tr>
<td>Eligibility to Supervise</td>
<td>Submission</td>
<td>35</td>
</tr>
<tr>
<td>Principal Supervisor</td>
<td>Title</td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>Viva voce</td>
<td>41</td>
</tr>
<tr>
<td>Theses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Binding</td>
<td>Transfer to Ph.D.</td>
<td>40</td>
</tr>
<tr>
<td>Declaration</td>
<td>Travel Grants</td>
<td>15</td>
</tr>
<tr>
<td>Examination</td>
<td>Trinity Trust Travel Grants</td>
<td>248</td>
</tr>
<tr>
<td>Language</td>
<td>Trinity Hall</td>
<td>55</td>
</tr>
<tr>
<td>Late submissions</td>
<td>Tutoring</td>
<td>32</td>
</tr>
<tr>
<td>Length</td>
<td>Visiting academics</td>
<td>38</td>
</tr>
</tbody>
</table>