Engineering Study Abroad Opportunities

Deirbhle O’Reilly
Global Officer for the School of Engineering

October 2016
Topics to be covered

• Where the exchange fits into your Engineering programme
• Why go on exchange and factors to consider
• Options available for engineering students
  • Cluster
  • Erasmus +
  • Unitech
  • Non – EU exchanges
  • International Internships
• Where to find more information
• Deadlines
**Who am I?**

Deirbhle O’Reilly, Global Officer for the School of Engineering

<table>
<thead>
<tr>
<th>Office Hours**</th>
<th>Monday – Friday: 14:00 – 16:00</th>
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</thead>
<tbody>
<tr>
<td>Location</td>
<td>Museum Building (Up the stairs opposite M17 (beside Dermot O’Dwyer’s office))</td>
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<td>E-mail</td>
<td><a href="mailto:InternationalEng@tcd.ie">InternationalEng@tcd.ie</a>; <a href="mailto:Deirbhle.oreilly@tcd.ie">Deirbhle.oreilly@tcd.ie</a></td>
</tr>
<tr>
<td>Phone</td>
<td>01 8964872</td>
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** You are welcome to drop in at these times. However my schedule is fluid, so it’s always a good idea to phone or send an email to make an appointment so I can ensure that I’ll be available.**
How study abroad fits in to your Engineering Degree

- 2:1 requirement to study abroad
- Must take full course load while away (60 ECTS)

- JS year = 20% of your BAI degree
- SS year = 80% of your BAI degree
- MAI = separate mark (fail/pass/distinction)
Why go on exchange?

Personal Growth

- More diverse learning
- Personal growth + independence
- Culture
- Improved career prospects
- Travel and adventure
Why go on exchange?

Transferrable Skills

- International knowledge base
- Decision-making skills
- Problem-solving skills
- Interpersonal skills
- Communication skills
Other Factors to Consider about Exchanges

- Finances
- Culture Shock
- Structure of other universities
- Academic Expectations
- Pre-requisites and module availability
- Term dates and structures
What are the options available for Engineering students?

- **Europe**
  1. Unitech
  2. ERASMUS+
     - CLUSTER university partner
     - Some additional agreements

- **Non-EU**
  1. College Wide reciprocal exchange to North America, Australia and Asia
  2. TASSEP
  3. Polytechnique Montreal Internships
Fees and Costs and Extras

• **Tuition fees**
  - Still have to pay your Trinity college fees
  - Fees at host university are waived

• **Student responsibility (to organise and pay for)**
  - Health insurance (Some colleges provide)
  - Accommodation sourcing and costs (not guaranteed)
  - Visas – apply for your visa once you are accepted by your college.

• **Grants available:**
  - Non- EU exchanges: No grants, apart from Asian Bursary.
  - Unitech – grant (€1,000) + paid internship
  - Erasmus – grants available (< €350/month dependent on country)
12 elite European Universities in Science and Engineering (and architecture)

- Aalto University, Helsinki, Finland
- Swiss Federal Institute of Technology in Lausanne, Lausanne, Switzerland
- Grenoble Institute of Technology, Grenoble, France
- Instituto Superior Técnico, Lisbon, Portugal
- Karlsruhe Institute of Technology, Karlsruhe, Germany
- Royal Institute of Technology, Stockholm, Sweden
- Katholieke Universiteit Leuven, Leuven, Belgium
- Polytechnic University of Turin, Torino, Italy
- Darmstadt University of Technology, Darmstadt, Germany
- Eindhoven University of Technology, Eindhoven, Netherlands
- Université catholique de Louvain, Louvain-la-Neuve, Belgium
- Polytechnic University of Catalonia, Barcelona, Spain

For more info: http://clustersymposium.org/ or https://www.facebook.com/cluster.network and each partner university’s website.
Additional Erasmus + Partner Universities:

• France:
  • Institut National des Sciences Appliquées de Lyon – INSA
  • (possibility to do Erasmus, or double degree)

• Spain:
  • University of Barcelona
  • University of Granada

• Italy:
  • University of Ferrara

• Austria:
  • University of Leoben
Application Procedure for Cluster and Erasmus

For more details of Erasmus + generally:

- [https://www.tcd.ie/study/non-eu/study-abroad/from-trinity/erasmus/](https://www.tcd.ie/study/non-eu/study-abroad/from-trinity/erasmus/)

Information Session: December 2016 (Date and Location, TBC)

Application Deadlines:

- Submit preliminary application to Engineering School: Date TBC. January/ February 2017
  - (You can only apply via online Trinity application after your application has been approved by engineering)
- TCD online application (for Erasmus grant): February 2017
- Apply to universities (for admissions): March 2017 onwards
Academic Partners

1. Chalmers University of Technology, Göteborg
2. ETH Zurich
3. INSA Lyon
4. Loughborough University
5. Politecnico di Milano
6. RWTH Aachen
7. Trinity College Dublin
8. TU Delft
Application Procedure for Unitech

Details of the programme:  [http://www.unitech-international.org](http://www.unitech-international.org)

Information Session:  24th October 2016 (1pm in M17)

Application Deadline:  1st February 2017

Assessment Centre:  3rd March 2017 (Friday of Reading Week)
Non-EU College Wide Partner Universities
(for which engineers are eligible to apply)

**Australia:**
- Australian National University
- University of Melbourne
- University of Queensland
- University of New South Wales
- University of Sydney

**New Zealand**
- University of Aukland

**Canada:**
- McGill University
- University of Toronto
- University of Waterloo

**Singapore**
- National University of Singapore

**China:**
- Beihang University**
- Tsinghua University**
- Hong Kong University of Science and Technology

**USA**
- University of Madison, Wisconsin
- University of California
- Georgetown University
- University of Notre Dame
- University of North Carolina at Chapel Hill
- University of Massachusetts Amherst

*Universities in orange, have restrictions for some engineering disciplines.*
More Information on Non-EU exchanges

Check the TCD study abroad website:

Please see: http://www.tcd.ie/study/non-eu/study-abroad/from-trinity/college-exchanges/

• Join our Facebook Group: https://www.facebook.com/groups/1808139286074018/
• Check out our student blogs: https://tcdglobal.wordpress.com/category/outbound-students/

For TCD application and administration queries:
- Contact non-EU exchange coordinator: Laura Mulqueen: noneuex@tcd.ie

For queries about specific universities:
- Contact that University directly
  - International office or the Engineering School specifically
- Contact Student Mobility Officer
  - Sarah-Kate Geraghty: geraghs3@tcd.ie
Application Procedure for Non-EU exchanges

- Nominated by International Study Abroad and Admissions
- List up to 8 colleges in order of preference
- 2.1 in SF summer exams
- Download application form - signed by departmental co ordinator
- An official transcript (request 1-2 weeks in advance) or portal print-out (verified)
- Hand in hard copy application to Academic Registry, marked for the attention of International and Study Abroad
- **DEADLINE: 4pm, 16th November 2015**
• Canadian and U.S. universities
• Places limited (10 per year approx.)
• Information session in December
• Coordinator:
  • Iouri Gounko (Chemistry department)
  • igounko@tcd.ie
Who is your Academic Departmental Coordinator?

- Offers academic advice
- Best resource for information
- Signs off on your learning agreement
- Makes the final call
# Academic Departmental Coordinators for Engineering

<table>
<thead>
<tr>
<th>Engineering Stream</th>
<th>Name</th>
<th>E-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biomedical Engineering</td>
<td>Dr David Hoey</td>
<td><a href="mailto:dahoey@tcd.ie">dahoey@tcd.ie</a></td>
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<tr>
<td>Civil, Structural and Environmental Engineering</td>
<td>Dr Sara Pavia</td>
<td><a href="mailto:pavias@tcd.ie">pavias@tcd.ie</a></td>
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<tr>
<td>Computer Engineering</td>
<td>Dr Donal E O’Mahony</td>
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<tr>
<td>Electrical and Electronic Engineering</td>
<td>Dr Nicola Marcetti</td>
<td><a href="mailto:marchetn@tcd.ie">marchetn@tcd.ie</a></td>
</tr>
<tr>
<td>Mechanical and Manufacturing (and CLUSTER coordinator)</td>
<td>Dr Henry Rice</td>
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<tr>
<td>Engineering with Management</td>
<td>Dr Kevin Kelly</td>
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<tr>
<td>UNITECH</td>
<td>Dr Brian Broderick</td>
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Information on Outgoing Exchanges

https://www.tcd.ie/study/non-eu/study-abroad/from-trinity/
Information on Outgoing Exchanges for Engineers

https://www.tcd.ie/Engineering/undergraduate/study-abroad/
Choosing a Suitable Exchange and University

- Check our Study Abroad website
- Check your preferred Universities’ websites
- Research your modules
  - Language of Instruction
  - Fixed pre-requisites for 5th year
- Check credits
- Check restrictions for visiting students
- Speak with your academic co-ordinator
In Summary!

- Research options and specific universities
- Speak to your academic departmental coordinator
- Check credit conversion
- Check the deadlines!!!
Deadlines

Non-EU exchanges: 18th November 2016
TASSEP: Date TBC. Usually January/February
Erasmus/Cluster: Date TBC. Usually January/February
Unitech: 1st February 2017
Montreal Internships: August 2017 (applying for Hilary Term 2018)
Thank You.

Any Questions?