UNIVERSITY OF DUBLIN, TRINITY COLLEGE

SCHOOL OF PHYSICS

PHYSICS MODULE CHOICE FORM

FOR POSTGRADUATE STUDENTS

* The purpose of this form is to ensure that students are registered for the correct papers at the annual examination.
* The available modules are listed at the end of this form. You have been registered for the two mandatory modules, CA7000 and PY5025, automatically.
* Please consult with the supervisor.
* Supervisor’s signature is not required if the student has collected less than 20 ECTS credits. The supervisor must sign the form to approve for additional credits.
* Students are asked to confirm their choice by inserting the credit of the chosen module(s) on this from and work out the total credits.
* This form must be returned to the School of Physics Office via email [e784ab59.TCDUD.onmicrosoft.com@emea.teams.ms](mailto:e784ab59.TCDUD.onmicrosoft.com@emea.teams.ms)

by 12pm on Friday, 2nd October, 2020.

**FULL NAME OF STUDENT:**

**STUDENT NUMBER: YEAR:**

**PHYSICS MODULE CHOICES:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Module code** | **Module title** | **Credit** | **Semester** | **Choice** |
| CA7000 | Research integrity and Impact | 5 | Online | **5** |
| PY5025 | Teaching for SoP PG TA | 5 | S1/S2 | **5** |
| PY5003 | Surface Science | 5 | S1 |  |
| PY5001 | Electronic Structure | 5 | S1 |  |
| PY5006 | Magnetism | 5 | S2 |  |
| PYU44P04 | Nanoscience | 5 | S1 |  |
| PYU44P07(a) | Advance Topics: Polymers | 2.5 | S2 |  |
| PYU44P07(b) | Advance Topics: Green’s Functions | 2.5 | S2 |  |
| PYU44C01-1 | Comp Sim III (I): Computational Linear Algebra | 2.5 | S2 |  |
| PYU44C01-2 | Comp Sim III (2): Numerical Methods | 2.5 | S2 |  |
| PYU44A01(a),5 | Cosmology | 5 | S2 |  |
| PYU44A01(b) | Planetary and Space Science | 5 | S1 |  |
| **Total Credit** | | | |  |

**Signature of STUDENT: Date**

**Signature of PRINCIPAL SUPERVISOR (if the student has collected 20 credits):**

**Available Modules in Physics, 2020-2021**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Module code** | **Module title** | **Lecturer** | **Credit** | **Semester** |
| PY5025 | Teaching for SoP PG TA | Ferreira | 5 | S1/S2 |
| PY5003 | Surface Science | McGuinness | 5 | S1 |
| PY5001 | Electronic Structure | Sanvito | 5 | S1 |
| PY5006 | Magnetism | Coey | 5 | S2 |
| PYU44P04 | Nanoscience | Coleman | 5 | S1 |
| PYU44P07(a) | Advance Topics: Polymers | Coleman | 2.5 | S2 |
| PYU44P07(b) | Advance Topics: Green’s Functions | Ferreira | 2.5 | S2 |
| PYU44C01-1 | Comp Sim III (I): Computational Linear Algebra | Patterson | 2.5 | S2 |
| PYU44C01-2 | Comp Sim III (2): Numerical Methods | Möbius | 2.5 | S2 |
| PYU44A01(a),5 | Cosmology | Espey | 5 | S2 |
| PYU44A01(b) | Planetary and Space Science | Gallagher Vidott | 5 | S1 |

The details of these modules can be found from the School Website: <https://www.tcd.ie/Physics/study/current/postgraduate/modules/>