**RECOMMENDED STUDY PLAN 2016-2018**

**NAME .**

**DEGREE PROGRAM BEng MAJOR Electronic Systems & Internet of Things (BEH-IOT)**

**MINOR Physics**

# First Year

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| **Teaching period 1** | | | **Teaching period 2** | | |
| Subject Code | Prereq | Comment | Subject Code | Prereq | Comment |
| EG1000 | None |  | EG1011 | PH1005 or Physics & Maths C |  |
| EG1002 | None |  | EG1010 | Maths B |  |
| PH1005 | Maths B |  | EG1012 | Maths B |  |
| MA1000 | Maths B |  | MA1003 | MA1000 |  |

# Second Year

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| **Teaching period 1** | | | **Teaching period 2** | | |
| Subject Code | Prereq | Comment | Subject Code | Prereq | Comment |
| EE2201 | EG1012 |  | CC2511 | EG1002 or CP1300 OR CP1404 |  |
| MA2000 | MA1003 |  | EE2300 | EG1012 |  |
| CP1404 | CP1801 or CP1401 or CP1200 or EG1002 or CP2200 |  | CC2011 | MA2000 |  |
| CP2404 | None |  | MA2201 | MA1003 | Note: this is the recommended subject selection from List 1 |

# Third Year

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| **Teaching period 1** | | | **Teaching period 2** | | |
| Subject Code | Prereq | Comment | Subject Code | Prereq | Comment |
| CP3406 | CP1404 and 18 CP of CP subjects |  | CC3501 | CC2511 and (CC2510 or CP1300 or CP1404) |  |
| EE3901 | EE2201 and CC2511 |  | BX2077 | 18 CP of subjects |  |
| CC3650 | None |  | CC3910 | CC2510, EE2201 and CC2511 |  |
| PH2002 | MA1003 and PH1005 and EG1011 and EG1012 |  | MA3405 | MA2405 or MA2000 |  |

# Fourth Year

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| **Teaching period 1** | | | **Teaching period 2** | | |
| Subject Code | Prereq | Comment | Subject Code | Prereq | Comment |
| EG4011 | 72 CP |  | EG4012 | EG4011 |  |
| CC4510 |  |  | CP3404 | 6 CP of CP subjects and 12 CP of subjects |  |
| CC4950 |  |  | LB5222 | None |  |
| PH3008 | PH2019 and PH2002 and MA2000 | Note: this is the recommended subject selection from List 1 | MA3201 | MA2000 and MA2201 | Note: this is the recommended subject selection from List 1 |

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| **List of Subjects Available to this Minor: List 1**  *Select 3 subjects from*  **SP1 Prereq SP2 Prereq** | | | |
| PH2019 Intro to Electromagnetism Optics & Thermodynamics | PH1005 or EG1012 | PH2240 Atomic & Nuclear Physics    EA3800 | PH2002 + MA1003 |
| PH3008 Stats Mechanics & Transport | PH2019, PH2002 and MA2000 | PH3002 Quantum Physics 2 | MA2000 + PH2002  + PH2019 |
| PH3019 Electromagnetic Phenomena | PH2019 | PH3006 Oceanography & Meteorology | MA2000 + PH2019 |
|  |  | MA2201 Numerical Mathematics | MA1003 |
|  |  | MA3201 Numerical Mathematics | MA2000 + MA2201 |