**RECOMMENDED STUDY PLAN 2014-2018**

**NAME .**

**DEGREE PROGRAM BEng MAJOR Mechanical Engineering (BEH-MEN)**

 **MINOR Software**

# 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

|  |  |
| --- | --- |
| **Teaching period 1** | **Teaching period 2**  |
| Subject Code | Prereq | Comment | Subject Code | Prereq | Comment |
| CS2001 | EG1011 |  | ME2525 | CS2001 |  |
| MA2000 | MA1003 |  | EG2010 | None |  |
| ME2512 | EG1011 |  | EE3600 | EG1012 + MA2000 |  |
| ME2521 | EG1011 |  | CP1404 | EG1002 |  |

# Third Year

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| --- | --- |
| **Teaching period 1** | **Teaching period 2** |
| Subject Code | Prereq | Comment | Subject Code | Prereq | Comment |
| EG3001 | EG1002 + EG1011 + MA2000 |  | CS3008 | MA2000 + ME2512 |  |
| ME3511 | MA2000 and ME2521 |  | ME3525 | ME2525 + EG3001 |  |
| ME3515 | (ME2518 VERSION 3 OR EG2010) AND ME2525 | Avail even yrs | ME3512 | MA2000  |  |
| EG3000 | EG1000 + EG1002 + EG1010 + EG1011 + EG1012 + MA1000 + MA1003 + (PH1005 Or EG1001) Or 36 CP |  | CP3407 | CP1404 |  |

# 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 |  |
| ME4513 | CS3008 |  | ME4515 | ME2525 |  |
| Choose 1 subject from List 1 for this minor   |  |  | ME4522 | ME2512 |  |
| Choose 1 subject from List 1 for this minor  |  |  | EG4013 | (EG1000 + EG1002+ EG1010 + EG1011 + EG1012 + MA1000 + MA1003 + PH1005) OR 36 CREDIT POINTS |  |

**ME3515 – only offered in even years – will need to swap with Elective depending on year.**

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| **List of Subjects Available to this Minor: List 1** **SP1 Prereq SP2 Prereq**  |
| CP1402 Internet Fundamentals | None | CP1402 Internet Fundamentals EA3800 | NoneNone12 CP at level 2, 3 CP at level 1 CH and 3 CP of level 1 EA |
| CP2411 Modelling and Animation | 6 CP of CP subjects | CP2406 Programming III  | CP1404 |
| CP3307 Mobile Technology | CP1300 | CP3404 Information Security | 6 CP of CP subjects and 12 CP of other subjects |
| CP3406 Mobile Computing **OR** CP2410 Algorithms and Data | 6 CP of CP subjects and 12 CP of other subjects | CP2409 Network Forensic & Data Communication | CP1402 or CP2012 or CP2231 |
| CP3403 Data Mining |  |  |  |