**RECOMMENDED STUDY PLAN 2014- 2018**

**NAME**

**DEGREE PROGRAM BEng MAJOR Chemical Engineering (BEH-CEM)**

**MINOR Intelligent Systems**

# First Year

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

# Second Year

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Teaching period 1** | | | **Teaching period 2** | | |
| Subject Code | Prereq | Comment | Subject Code | Prereq | Comment |
| CH1001 | None |  | CH1002 | CH1001 |  |
| CL2501 | EG1010 |  | CS3008 | MA2000 and ME2512 |  |
| MA2000 | MA1003 |  | EE3600 | EG1012 + MA2000 |  |
| ME2512 | EG1011 |  | CC2511 | EG1002 |  |

# Third Year

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Teaching period 1** | | | **Teaching period 2** | | |
| Subject Code | Prereq | Comment | Subject Code | Prereq | Comment |
| CL3010 | CL2501 and MA2000 |  | CH2103 | CH1001 & CH1002 |  |
| CL3021 | CL2501 and MA2000 |  | ME3512 | MA2000 |  |
| CL3030 | CL2501 and MA2000 |  | CC3501 | CC2511 |  |
| EG3000 | EG1000 + EG1002 + EG1010 + EG1011 + EG1012 + MA1000 + MA1003 + (PH1005 Or EG1001) Or 36 Credit Points |  | CL4538 | CL3010 + CL3021 + CL3030 |  |

# Fourth Year

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Teaching period 1** | | | **Teaching period 2** | | |
| Subject Code | Prereq | Comment | Subject Code | Prereq | Comment |
| EG4011 | 72 CP |  | EG4012 | EG4011 |  |
| CL4040 | CL3010 + CL3021 + CL3030 |  | CL4072 | CL4071 |  |
| CL4071 | CL3010 + CL3021 + CL3030 + CS3008 + ME3512 |  | Choose 1 subject from List 1 for this minor |  |  |
| EE4000 | At least 48 credit points |  | CL4537 | CL3010 + CL3021 + CL3030 |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **List of Subjects Available to this Minor: List 1**  **SP1 Prereq SP2 Prereq** | | | |
| CC2510 Digital Logic and Computing Methods | EG1002 or CP1300 | EE4600 Automatic Control 3 | EE3600 |
|  |  | MA3405 Statistical Data Mining for Big Data | MA2000 or MA2405 |
|  |  | EE3600 Automatic Control 2 | EG1012 AND MA2000 |