

## DEGREE OF MASTER OF ENGINEERING IN ENGINEERING (07H10454)

Students must also comply with the University General Regulations and the Supplementary Regulations for the Degree of Master of Engineering

**All the courses listed below are prescribed for this degree**

| PROGRAMME YEAR 1 – 120 Credit Points                          |                                               |               |                                                               |                                   |               |
|---------------------------------------------------------------|-----------------------------------------------|---------------|---------------------------------------------------------------|-----------------------------------|---------------|
| Term 1                                                        |                                               |               | Term 2                                                        |                                   |               |
| Course Code                                                   | Course Title                                  | Credit Points | Course Code                                                   | Course Title                      | Credit Points |
| PD 1002                                                       | Getting Started at the University of Aberdeen | 0             | EG 1504                                                       | Engineering Mathematics 1         | 15            |
| EG 1008                                                       | Principles of Electronics                     | 15            |                                                               |                                   |               |
| EG 1010                                                       | CAD and Communication in Engineering Practice | 15            | EG 1510                                                       | Fundamental Engineering Mechanics | 15            |
| EG 1012                                                       | Fundamentals of Engineering Materials         | 15            | EG 1513                                                       | Circuit Analysis and Design       | 15            |
| Plus 15 credit points from courses of choice at Levels 1 or 2 |                                               |               | Plus 15 credit points from courses of choice at Levels 1 or 2 |                                   |               |

| PROGRAMME YEAR 2 – 120 Credit Points                          |                                    |               |             |                                              |               |
|---------------------------------------------------------------|------------------------------------|---------------|-------------|----------------------------------------------|---------------|
| Term 1                                                        |                                    |               | Term 2      |                                              |               |
| Course Code                                                   | Course Title                       | Credit Points | Course Code | Course Title                                 | Credit Points |
| EG 2004                                                       | Fluid Mechanics and Thermodynamics | 15            | EG 2501     | Design and Computing in Engineering Practice | 15            |
| EG 2011                                                       | Process Engineering                | 15            | EG 2503     | Electrical and Mechanical Systems            | 15            |
| EG 2012                                                       | Engineering Mathematics 2          | 15            | EG 2513     | Solids and Structures                        | 15            |
| Plus 15 credit points from courses of choice at Levels 1 or 2 |                                    |               | EG 2514     | Electronic Systems                           | 15            |

In order to be eligible to proceed to the discipline specific honours programmes in Chemical or Petroleum Engineering, candidates must select discipline breadth options which satisfy the requirements of the discipline specific honours programme and must transfer to the chosen programme before Term 2 in Programme Year 2. The following table is provided as a guide to aid course choice for general engineering students.

|                            | CM 1513 | CM 2015 |
|----------------------------|---------|---------|
| MENG CHEMICAL ENGINEERING  | •       | •       |
| MENG PETROLEUM ENGINEERING | •       |         |

| Notes |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | Candidates registering for this degree programme who wish to register for CM 1513 Chemistry for the Physical Sciences 2 should note that CM 1021 Chemistry for the Physical Sciences 1 is a pre-requisite for this course and must therefore also be selected.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 2..   | All course choices at Level 2 and above are subject to students holding the appropriate pre-requisites.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 3.    | <p>Candidates seeking entry to a Junior Honours programme (Programme Year 3) of a discipline-specific degree must have accumulated, by award or recognition, or been exempted from, at least 240 credit points at Levels 1 and 2, including 240 credit points from courses prescribed for that degree programme. Candidates who do not meet this progression requirement but who do meet the requirements for progression to Programme Year 3 of the DEGREE OF BACHELOR OF SCIENCE IN ENGINEERING (GENERAL) for that discipline may transfer to this programme with a view to transferring back to an honours programme for the commencement of Programme Year 4.</p> <p>Candidates seeking to progress on, or transfer to, the MEng programme will, in addition to meeting the credit requirements set out in the General and Supplementary Regulations, be expected to meet the MEng GPA requirements as publicised in the School of Engineering Undergraduate Student Handbook.</p> |