

EPE Honours Degree (BEngTech (Honours)) Updated Table

| Sem | Module title | Module Code | HESQF Level | SAQA Credit | Exam or Continuous Assessment Mode (CA) | Pre- Co- Requisite | Compulsory or Elective |
|----------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------|-------------|-------------|-----------------------------------------|----------------------------------------|------------------------|
| SEMESTER ONE MODULES | | | | | | | |
| 1 | Statistics and Probability | TBA | 7 | 8 | Exams | | C |
| 1 | Power System Engineering 1 | TBA | 8 | 12 | Exams | | C |
| 1 | Electromagnetic Field Theory | TBA | 8 | 8 | Exams | | C |
| 1 | Engineering Design Project | TBA | 8 | 32 | CA | | C |
| In Semester One, choose at least 2 electives from the list below | | | | | | | |
| 1 | Electrical Protection Engineering | TBA | 8 | 8 | Exams | | E |
| 1 | Electrical Machines and Drives | TBA | 8 | 8 | Exams | | E |
| 1 | Renewable Energy Technology | TBA | 8 | 8 | Exams | | E |
| 1 | Automation | TBA | 8 | 8 | Exams | | E |
| SEMESTER TWO MODULES | | | | | | | |
| 2 | Engineering Research Project | TBA | 8 | 36 | CA | | C |
| 2 | Power System Engineering 2 | TBA | 8 | 12 | Exams | | C |
| 2 | Innovation Management and Entrepreneurship | TBA | 8 | 8 | Exams | | C |
| In Semester 2, choose at least 2 eight credit electives OR 1 sixteen credit elective from the list below | | | | | | | |
| 2 | PV and Energy Storage Systems | TBA | 8 | 8 | Exams | | E |
| 2 | DC Distribution Systems | TBA | 8 | 8 | Exams | | E |
| 2 | High Voltage Engineering | TBA | 8 | 8 | Exams | Electromagnetic Field Theory (Pre-req) | E |
| 2 | Control Systems | TBA | 8 | 16 | Exams | Automation (Pre-Req) | E |

- Modules in the degree are listed in the table. Compulsory modules are indicated with a **C**. The method by which they will be examined is indicated in each module study guide. In modules where Graduate Attributes (GA) are assessed, the student must meet both the academic and the GA requirements, as specified in the relevant study guide, to pass the subject.
- A minimum of 140 credits is required for the student to graduate.