|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| \*\* Offered in Both Semesters | | | | BSc component of combined degree (minimum  12 units) |
| *Year 1*  *Semester 1*  *2022* | BE Unit | BE Unit | **GENG1010\*\* (see note 1)**  Introduction to Engineering | **ENVT1104**  Environmental Science & Technology |
| *Year 1*  *Semester 2*  *2022* | BE Unit | BE Unit | BE Unit | **BIOL1131**  Plant & Animal Biology |
| *Year 2*  *Semester 1*  *2023* | BE Unit | BE Unit | **ENVT2220**  The Climate System  ***Prereq: Nil*** | **SCIE1104\*\* (see note 2)** Science, Society & Data Analysis Or  BSc ELECTIVE |
| *Year 2*  *Semester 2*  *2023* | BE Unit | BE Unit | BE Unit | **ENVT2251**  Hydrology & Water Resource Mgmt  ***Prereq: ENVT1104*** |
| *Year 3*  *Semester 1*  *2024* | BE Unit | BE Unit | **GEOG2201\*\***  Geographic Information Systems  ***Prereq: 36 pts of prior study*** | **ENVT2236**  Soil Science  ***Prereq: (BIOL1131 or ENVT1104), SCIE1104 &***  ***CHEM1003*** |
| *Year 3*  *Semester 2*  *2024* | BE Unit | BE Unit | BE Unit | **ENVT3362**  Environmental Dynamics  ***Prereq: ENVT2220 or ENVT2251*** |
| *Year 4*  *Semester 1*  *2025* | BE Unit | BE Unit | BE Unit | **ENVT3338**  Land Capability Assessment  ***Prereq: ENVT2220 or ENVT2236 or ENVT2251*** |
| *Year 4*  *Semester 2*  *2025* | BE Unit | BE Unit | BE Unit | **ENVT3339**  Land Rehabilitation  ***Prereq: ENVT2236 or ENVT2251*** |
| *Year 5*  *Semester 1*  *2026* | BE Unit | BE Unit | BE Unit | **ENVT3361**  Environmental Assessment  ***Prereq: ENVT2236 or ENVT2251*** |
| *Year 5*  *Semester 2*  *2026* | BE Unit | BE Unit | BE Unit | BSc ELECTIVE  (in place of SCOM1101) |

Additionally, students must complete GENG1000, GENG2000 & GENG3000 Engineering Practice Skills (0 pts = 3 x 1week modules) and GENG5010 Professional Eng. Portfolio (0 pts)

# Special Note 1

## BE(Hons) ALL Majors and BSc Environmental Science Major:

Students in this course who undertake GENG1010 Introduction to Engineering in satisfaction of the requirements of the Bachelor of Engineering (Honours) degree are not required to complete the unit SCOM1101 Communicating Science to fulfill the requirements of the Environmental Science major in the Bachelor of Science. In this case, students can replace SCOM1101 with an elective unit or another unit required by their course of study.

# Special Note 2

## BE(Hons), ALL majors EXCEPT Biomedical Engineering and Electrical and Electronic Engineering, and BSc Environmental Science Major:

Students in this course who undertake any of the following units in satisfaction of the requirements of the Bachelor of Engineering (Honours) degree are not required to complete the unit SCIE1104 Science, Society and Data Analysis to fulfill the requirements of the Environmental Science major in the Bachelor of Science:

* GENG2012 and/or
* GENG5507

In these cases, students can replace SCIE1104 with an elective unit or another unit required by their course of study. The exceptions to this are the BE Biomedical Engineering and Electrical and Electronic Engineering majors: students do not take GENG2012 or GENG5507 in these majors, and so SCIE1104 must be taken to fulfil requirements in the BSc component.

# Cross-credit Arrangements

* **BE(Hons) Environmental Engineering and BSc Environmental Science Major: ENVT2251 and GEOG2201** count towards both the BE(Hons) and BSc component: students must take ENVT2251 and GEOG2201 and two additional electives or other units required by their course of study.

# Further Help

If you need to discuss your study plan further, please contact the [EMS Student Office](https://www.uwa.edu.au/students/my-course/study-areas/ems-students)