

Bachelor of Engineering (Honours) (Environmental) with Bachelor of Finance – Semester 2 Start

| Year 1  |  |   |  |   |
|---|--|---|--|---|
| S 1   | <input type="checkbox"/>   | <input type="checkbox"/>  | <input type="checkbox"/>   | <input type="checkbox"/>  |
| S 2   | MATHS 1011<br>Mathematics IA <input type="checkbox"/>                          | ENV BIOL 1002<br>Ecological Issues I <input type="checkbox"/>                       | CEME 1002<br>Introduction to Infrastructure <input type="checkbox"/>       | CEME 1003<br>Resources and Energy in a Circular Economy <input type="checkbox"/>  |
| Year 2  |  |   |  |   |
| S 1   | MATHS 1012<br>Mathematics IB <input type="checkbox"/>                          | ENG 1003<br>Programming (Matlab and Excel) <input type="checkbox"/>                 | ▲ ENG 1001<br>Introduction to Engineering <input type="checkbox"/>         | CEME 1001<br>Introduction to Environmental Engineering <input type="checkbox"/>   |
| S 2   | MATHS 2107<br>Statistics & Numerical Methods II <input type="checkbox"/>       | CEME 2005<br>Transportation Engineering and Survey <input type="checkbox"/>         | ECON 1012<br>Principles of Economics I <input type="checkbox"/>            | ECON 1009<br>International Financial Institutions & Markets <input type="checkbox"/>  |
| Year 3  |  |   |  |   |
| S 1   | MATHS 2106<br>Differential Equations for Engineers II <input type="checkbox"/> | CEME 2003<br>Civil Engineering Hydraulics <input type="checkbox"/>                  | CEME 2004<br>Introduction to Geo-engineering <input type="checkbox"/>      | CHEM ENG 2017<br>Transport Processes in the Environment <input type="checkbox"/>  |
| S 2   | CEME 2006<br>Environmental Modelling and Simulation <input type="checkbox"/>   | CEME 3005<br>Advanced Civil Engineering Hydraulics <input type="checkbox"/>         | CORPFIN 1002<br>Business Finance <input type="checkbox"/>                  | ACCTING 1002<br>Introductory Accounting <input type="checkbox"/>  |
| Internship  |  |   |  |   |
| All Engineering students commencing from 2019 are required to complete a minimum of 8 weeks of internship during the course of their studies – see note below elective table. |  |   |  |   |
| Year 4  |  |   |  |   |
| S 1   | ENG 3004<br>Systems Engineering and Industry Practice <input type="checkbox"/> | GEOG 2129<br>Introductory Geographic Information Systems <input type="checkbox"/>   | CORPFIN 2502<br>Business Valuation <input type="checkbox"/>                | ECON 2508<br>Financial Economics II <input type="checkbox"/>  |
| S 2   | ENG 3005<br>Research Method & Project Management <input type="checkbox"/>      | Environmental Engineering Elective<br>(see elective table) <input type="checkbox"/> | CORPFIN 2501<br>Financial Institutions Management <input type="checkbox"/> | CORPFIN 3502<br>Options, Futures & Risk Management<br>or<br>MATHS 3012<br>Financial Modelling: Tools & Techniques II <input type="checkbox"/> |
| Year 5  |  |   |  |   |
| S 1   | ENG 4001A<br>Research Project Part A <input type="checkbox"/>                  | CHEM ENG 4051<br>Water & Wastewater Engineering <input type="checkbox"/>            | CEME 4009<br>Environmental Decision Making <input type="checkbox"/>        | CORPFIN 3501<br>Portfolio Theory & Management <input type="checkbox"/>  |



|               |                                      |                          |  |                          |   |                          |   |                          |
|---------------|--------------------------------------|--------------------------|--|--------------------------|---|--------------------------|---|--------------------------|
| S<br>2        | ENG 4001B<br>Research Project Part B | <input type="checkbox"/> | Environmental Engineering Elective<br>(see elective table)   | <input type="checkbox"/> | CEME 3007<br>Integrated Environment Planning &<br>Impact Assessment | <input type="checkbox"/> | CEME 4010<br>Designing Water Resource Systems for<br>Urban Environments | <input type="checkbox"/> |
| <b>Year 6</b> |                                      |                          |  |                          |   |                          |   |                          |
| S<br>1        | CEME 3004<br>Hydrology for Engineers | <input type="checkbox"/> | ECON 2515<br>Intermediate Applied Econometrics II<br>or<br>MATHS 2103<br>Probability & Statistics II | <input type="checkbox"/> | Level III Finance Elective  | <input type="checkbox"/> | Level III Finance Elective  | <input type="checkbox"/> |

|              |                       |                               |
|--------------|-----------------------|-------------------------------|
| Core Courses | Double Degree Courses | Elective (see elective table) |
|--------------|-----------------------|-------------------------------|

- ^ Unless exempted, International students are required to take ENG 1011 Introduction to Engineering - EAL in lieu of ENG 1001 Introduction to Engineering.  
 ~Finance Electives may be chosen from courses listed in the Program Rules for the degree of Bachelor of Finance.

## Electives Table

### CHOOSE FROM THE FOLLOWING ENVIRONMENTAL ENGINEERING ELECTIVES

|               |   |   |               |   |   |
|---------------|---|---|---------------|---|---|
| <b>S1</b>     | DESST 2517<br>ENTREP 3006<br>GEOG 2135<br>GEOG 2139 | Environment II<br>Energy Management, Economics and Policy<br>Urban Futures<br>Environmental Management  | <b>S2</b>     | C&ENVENG 4110<br>ENTREP 3000<br>GEOG 2142<br>GEOLOGY 3502<br>LAW 2511 | Soil and Ground Water Remediation<br>Innovation and Creativity<br>Climate Change<br>Mineral and Energy Resources III<br>Environmental Law |
| <b>SUMMER</b> | ENTREP 3000   | Innovation and Creativity   | <b>WINTER</b> | ENTREP 3000<br>ENTREP 3006  | Innovation and Creativity<br>Energy Management, Economics and Policy  |
| <b>TBC</b>    | CEME 4007<br>CEME 4005<br>CEME 4006<br>CEME 4004    | Unsaturated Soils<br>Advanced Hydrological Modelling & Water Resource Systems<br>Advanced Hydrology and Flood Hydraulics<br>Advanced Water Distribution Systems Engineering |               |   |   |

#### NOTES

**Internship:** The 8 weeks of internship must be supervised by a qualified engineer and may be completed in one placement or a series of placements. The Faculty recommends students undertake internships upon commencement of third year engineering courses. Internships are self-sourced and resources are available through [Careers Service](#). Register with CareerHub to access a database where opportunities are posted.

**Program Rules:** For academic program rules please refer to the following website:

<https://calendar.adelaide.edu.au/faculty/ecms>

**Information and Enrolment Advice:**

Ask ECMS

Email: [askecms@adelaide.edu.au](mailto:askecms@adelaide.edu.au)

Website: <https://ecms.adelaide.edu.au/study-with-us/student-support>

