61110 Bachelor of Arts and Bachelor of Engineering
Environmental Engineering

Note: Available to re-enrolling students only. The 2012 Rules for this program allows students to combine studies in Environmental Engineering with a broad based degree in Arts, Humanities and Social Sciences.

[Students enrolled in the BE/BA (Asian Studies) and BE/BA (Communication Studies) programs should refer to the 2010 Rules. However, the following may be used as a guide for these students]

Course details

Total points required for this course: 264
Bachelor of Engineering component: 168 points
Bachelor of Arts component: 96 points

Students must complete the following (as set out in the table below):

- Bachelor of Engineering foundation core units - 36 points;
- all units in Table 6.2.2Fa (Environmental Engineering core units) - 90 points;
- one of the following majors: the Environmental Eng., Ocean Systems Eng., or the Water Resources Eng. - 30 points;
- one unit from Group A in Table 6.2.2Fc (Environmental Engineering options) - 6 points *
- one unit from Group B in Table 6.2.2Fc (Environmental Engineering options) - 6 points
- a Professional Practicum of at least 12 weeks; and
- a Bachelor of Arts component - 96 points.

* Students who have completed CITS2401 Computer Analysis and Visualisation (formerly CITS1005 Computing for Engineers and Scientists), CITS1001 Object-Oriented Programming and Software Engineering (formerly CITS1200 Java Programming) or CITS1002 Programming and Systems (formerly CITS1210 C Programming) as part of their foundation units do not need to take a unit from Group A in Table 6.2.2Fc.

The following table is intended as a guide only. All units have a value of 6 points unless noted otherwise. Unit availability may be subject to change. For the most up-to-date information, please consult the Timetable at http://www.timetable.uwa.edu.au/
### 61110 Bachelor of Arts and Bachelor of Engineering

#### Environmental Engineering

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<th>Year One</th>
<th>Year Two</th>
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<tbody>
<tr>
<td><strong>Semester One</strong></td>
<td><strong>Semester Two</strong></td>
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<tr>
<td>MATH1010 Calculus and Linear Algebra</td>
<td>MATH1020 Calculus, Statistics and Probability</td>
</tr>
<tr>
<td>PHYS1101 Advanced Physics A</td>
<td>ENV1601 Environmental Systems Engineering</td>
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<tr>
<td>Arts unit</td>
<td>(Note 1)</td>
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<tr>
<td>Arts unit</td>
<td>(Note 3)</td>
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#### Notes

- **Note 1**: MATH1010 and MATH1020 will no longer be offered from 2012 onwards. Students with prerequisite requirements and who have completed one of MATH1010 and MATH1020 must take MATH1001 Mathematical Methods 1 and MATH1002 Mathematical Methods 2. Students who have completed both MATH1010 and MATH1020 will take MATH2040 in S1, 2012 (offered for the last time in 2012).

- **Note 2**: PHYS1001 Physics for Engineers and Scientists replaces PHYS1101 Advanced Physics. Students who do not have WACE Physics 3A/3B or TEE Physics must take PHYS1030 Physics as a bridging unit before enrolling in PHYS1001 Physics for Engineers and Scientists.

- **Note 3**: Offered for the last time in 2011. Students requiring this unit or its equivalent should contact an ECM Faculty Advisor.

- **Note 4**: Students who have not completed GENG1003 must take ENSC1001 Engineering Challenges in a Global World.

- **Note 5**: Students who do not have WACE Chemistry 3A/3B or TEE Chemistry must complete CHEM1003 Introductory Chemistry as a bridging unit before taking this unit.