Bachelor of Engineering (Honours)  
Civil Major - BH-ENG

Recommended Sequence
Units are listed on your Course Planner in a recommended sequence. However this can be amended depending on unit availability, unit progression, timetabling and the semester in which you commenced your course.

Year One

<table>
<thead>
<tr>
<th>Your First Semester</th>
<th>Your Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG10001 Engineering, Design and Innovation</td>
<td>ENG10004 Digital and Data Systems</td>
</tr>
<tr>
<td>ENG10002 Engineering Materials</td>
<td>PHY10001 Electronics and Electromagnetism</td>
</tr>
<tr>
<td>PHY10001 Energy and Motion</td>
<td>ENG10003 Mechanics of Structures</td>
</tr>
<tr>
<td>MTH10012 Calculus and Applications</td>
<td>MTH10113 Linear Algebra and Applications</td>
</tr>
</tbody>
</table>

Year Two

<table>
<thead>
<tr>
<th>Semester One</th>
<th>Semester Two</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH20001 Engineering Maths 3</td>
<td>CVE20003 Design of Concrete Structures</td>
</tr>
<tr>
<td>MEE20004 Structural Mechanics</td>
<td>CVE20005 Road Engineering</td>
</tr>
<tr>
<td>CVE20001 Topographical Engineering</td>
<td>CVE20004 Geomechanics</td>
</tr>
<tr>
<td>CVE20002 Computer Aided Engineering</td>
<td>MEE20003 Fluid Mechanics 1</td>
</tr>
</tbody>
</table>

Optional Component
Professional Placement
An additional 6 months or 1 year to your course. Your course rules will be modified to accommodate the Professional Placement.

Year Three

<table>
<thead>
<tr>
<th>Semester One</th>
<th>Semester Two</th>
</tr>
</thead>
<tbody>
<tr>
<td>MME30001 Engineering Management</td>
<td>CVE40001 Geotechnical Engineering</td>
</tr>
<tr>
<td>CVE20001 Urban Water Resources</td>
<td>CVE40004 Water and Environment Design Engineering</td>
</tr>
<tr>
<td>CVE20002 Design of Steel Structures</td>
<td>CVE30004 Cost Engineering</td>
</tr>
<tr>
<td>CVE30003 Transport Engineering</td>
<td>MME40001 Engineering Management 2</td>
</tr>
<tr>
<td>EAT20008 Professional Experience in Engineering</td>
<td></td>
</tr>
</tbody>
</table>

Year Four

<table>
<thead>
<tr>
<th>Semester One</th>
<th>Semester Two</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG40001 Final Year Research Project 1</td>
<td>ENG40002 Final Year Research Project 2</td>
</tr>
<tr>
<td>CVE40002 Structural Design of Low Rise Buildings</td>
<td>CVE40006 Infrastructure Design Project</td>
</tr>
<tr>
<td>Component unit</td>
<td>Component unit</td>
</tr>
</tbody>
</table>

Component Units
Can be completed from a combination of the following:
MINOR A structured set of 4 units or 50 credit points from a field of study which you can choose in addition to a first major.
ELECTIVES A standalone unit from any study area.

Professional Placement
A Professional Placement is a Work Integrated Learning (WIL) option. You can apply for Professional Placement during your second year. More information on Professional Placement and other WIL options at Work Integrated Learning

How to use your Course Planner
Refer to the below table to help explain what units are required each semester throughout your course. The units in your planner are colour coded to assist you with mapping out your studies.

Course Information
Course 400 Credit Points
Core units 150 Credit points
A set of compulsory units you MUST complete as part of your Course.
First Major units 200 credit points
A structured set of 16 units or 200 credit points in a field of study specific to your course.

Optional Component
Professional Placement
A Professional Placement is a Work Integrated Learning (WIL) option. You can apply for Professional Placement during your second year. More information on Professional Placement and other WIL options at Work Integrated Learning

What is a component unit?
A unit that forms part of a second major/co-major/minor or elective, that you select.

How can I find which component units I can enrol in?
Visit Bachelor of Engineering (Honours) Course Information Page for major/co-major/minor and elective options.

Where can I find out more about individual unit content?
Visit the Single Unit Search page to search for additional unit content.

What's a full-time study load?
100 credit points (8 units per year)

What's a part-time study load?
50 credit points (4 units per year)

How can I plan my timetable to make sure my lectures don't clash?
Check the University Timetable Planner before enrolling into units.

Where can I find what online units are available?
For a full listing of online units go to Online Units.

Visit the Single Unit Search page to search for additional unit content.

Where can I find out more about elective options?

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