

# 955-AC Bachelor of Engineering (Chemical) and Bachelor of Commerce

<b>Year and Campus:</b>	2008																											
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>																											
<b>Level:</b>	Undergraduate																											
<b>Duration &amp; Credit Points:</b>																												
<b>Contact:</b>	-																											
<b>Course Overview:</b>	<p>The recommended or standard course structures are listed below. When setting the timetable every effort will be made to avoid clashes between the times of classes associated with these sets of subjects. Students should be aware however, that if it proves to be impossible to achieve a timetable without clashes in these sets of subjects, the Faculty reserves the right to modify course structures in order to eliminate the conflicts. Students will be advised during the enrolment period of the semester if the recommended courses need to be varied. Where the courses include elective subjects these should be chosen so that timetable clashes are avoided. In particular, students in combined degrees should plan their courses so that the subjects chosen in the other faculty do not clash with those recommended for the engineering component.</p> <p>The combined degree of Bachelor of Engineering (Chemical)/Bachelor of Commerce requires a total of 500 points over five years. Students are required to complete 300 points of Engineering subjects and 200 points of Commerce subjects.</p> <p>Students who intend to overlap second- and later-year subjects should consult with a course adviser to ensure all core engineering requirements are met.</p> <p>Note: Chemical Engineering subjects: 411-202 Process Engineering 1, 411-391 Bionanoengineering, 411-339 Process Engineering 2, 411-445 Process Engineering 3, 411-448 Biochemical/Environmental Engineering 2, 411-449 Materials and Recycling are not taken by students enrolled in BE combined with Arts, Commerce and Law.</p>																											
<b>Objectives:</b>	-																											
<b>Subject Options:</b>	<p>THERE WILL BE NO FIRST YEAR ENTRY INTO THIS COURSE FROM 2008.</p> <p><b>Second Year</b></p> <p>Subjects listed below <b>MUST</b> be taken in this approved order, regardless of semester availability.</p> <p><b>Semester 1</b></p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>316-205 Introductory Econometrics</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> <tr> <td>431-201 Engineering Analysis A</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>610-221 Organic &amp; Bio-organic Chemistry</td> <td>Not offered 2008</td> <td>12.50</td> </tr> </tbody> </table> <p>Commerce subject as required (12.5 points)</p> <p><b>Semester 2</b></p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>411-102 Chemical Process Analysis</td> <td>Summer, 2</td> <td>12.500</td> </tr> <tr> <td>431-202 Engineering Analysis B</td> <td>Summer, 1, 2</td> <td>12.500</td> </tr> <tr> <td>610-211 Light, Matter &amp; Chemical Change B</td> <td>Not offered 2008</td> <td>12.50</td> </tr> <tr> <td>325-201 Organisational Behaviour</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> </tbody> </table> <p><b>Third Year</b></p>	Subject	Study Period Commencement:	Credit Points:	316-205 Introductory Econometrics	Semester 1, Semester 2	12.50	431-201 Engineering Analysis A	Semester 1	12.50	610-221 Organic & Bio-organic Chemistry	Not offered 2008	12.50	Subject	Study Period Commencement:	Credit Points:	411-102 Chemical Process Analysis	Summer, 2	12.500	431-202 Engineering Analysis B	Summer, 1, 2	12.500	610-211 Light, Matter & Chemical Change B	Not offered 2008	12.50	325-201 Organisational Behaviour	Semester 1, Semester 2	12.50
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Subjects listed below **MUST** be taken in this approved order, regardless of semester availability.

### Semester 1

Subject	Study Period Commencement:	Credit Points:
411-201 Introduction to Transport Processes	Semester 1	12.50

Commerce subjects as required (37.5 points)

### Semester 2

Subject	Study Period Commencement:	Credit Points:
411-203 Fluid Mechanics	Not offered 2008	12.50
411-204 Chemical Engineering Thermodynamics	Semester 2	12.50

Commerce subjects as required (25 points)

### Fourth Year

Subjects listed below **MUST** be taken in this approved order, regardless of semester availability.

#### Semester 1

Subject	Study Period Commencement:	Credit Points:
411-303 Reactor Engineering	Semester 1	12.50
411-331 Heat and Mass Transport Processes 1	Semester 1	12.50
411-343 Chemical Engineering Management	Semester 1	12.50
411-393 Bioprocess Engineering	Semester 1	12.50

#### Semester 2

Subject	Study Period Commencement:	Credit Points:
411-336 Process Dynamics and Control	Semester 2	12.50
411-337 Practical and Computer Laboratory	Semester 2	12.50

Commerce subjects as required (25 points)

### Fifth Year

Subjects listed below **MUST** be taken in this approved order, regardless of semester availability.

#### Semester 1

Subject	Study Period Commencement:	Credit Points:
411-432 Particle Mechanics and Processing	Semester 1	12.50
411-441 Heat and Mass Transport Processes 2	Semester 1	12.50
411-442 Process Equipment Design	Semester 1	12.50

Commerce subject as required (12.5 points)

#### Semester 2

Subject	Study Period Commencement:	Credit Points:
411-446 Research Project	Semester 1, Semester 2, Summer	18.75
411-447 Design Project	Semester 2	18.75

Commerce subject as required (12.5 points)

**Core Participation Requirements:**

For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.

It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: <http://services.unimelb.edu.au/disability>