Course Requirements

Students must complete 192 points, of which 96 points are from the Bachelor of Commerce (including all the requirements in Part A and B for the single degree) and 96 points from the Bachelor of Computer Science (including all of the requirements in Part A, B, C, D and E for the single degree).

Bachelor of Commerce

16 units (96 points) from the Bachelor of Commerce

Part A – Commerce specified study (48 points)

Part B – Commerce listed major (48 points). Complete at least one commerce major listed from the Clayton campus. A major requires eight units with a maximum of 2 units at level 1 (12 points) and at least 3 units (18 points) at level 3.

Additional degree requirements:
- A minimum of 16 units (96 points) must be commerce units from the Clayton campus.
- A maximum of 8 units (48 points) at level 1.
- A minimum of four units (24 points) at Level 3 must be from the Faculty of Business and Economics at Clayton campus.

Bachelor of Computer Science

16 units (96 points) from the Bachelor of Computer Science (refer to Faculty of IT for details)

Part A – Computer science foundation study

Part D – Problem solving and analytical skills study

Part B – Professional skills study

Part E – Applied practice

Part C – Specialist discipline knowledge

Part A - Commerce specified study (48 points)

Students must complete 8 compulsory commerce specified units:

- ACC1200 OR ACC1100 Accounting for managers OR Introduction to financial accounting
- BTC1110 Commercial law
- ECC1000 Principles of microeconomics
- ETC1000 Business and economic statistics
- MGC1010 Principles of management
- MKC1200 Principles of marketing
- Elective One elective commerce unit offered on the Clayton campus
- Capstone portfolio unit Select one unit from the list below:
  - Capstone unit
    - BEX3500 Current issues in commerce
    - BEX3530 Investigative project in business
    - BEX3450 Investigative project in business (12 points)
  - Corporate project
    - ACX3500 International study program in accounting
    - BEX3622 Issues in global business
    - BEX3722 Engaging with international business
    - BFX3871 International study program in banking and finance
  - International experience
    - MKX3521 International study program in marketing
    - BEX3006/BEX3106 Industry based learning project
    - BEX3012/BEX3112 Industry based learning project (12 points)
    - BEX3024 Industry based learning project (24 points)
    - MKX3631 Marketing Internship

Part B - Commerce major (48 points)

Students MUST complete at least one Commerce listed major from your campus of enrolment. A major of 8 units with no more than 2 units (12p) at Level 1 and at least 3 units (18p) at Level 3.
### B2020 - Bachelor of Commerce/Bachelor of Computer Science
#### Recommended Course Progression (commencing 2016)

<table>
<thead>
<tr>
<th><strong>Year level 1</strong></th>
<th>Specified study(Compulsory)</th>
<th>Specified study(Compulsory)</th>
<th>BCompSci</th>
<th>BCompSci</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC1200 Acc for managers or ACC1100 Intro to financial accounting</td>
<td>ETC1000 Business &amp; economics statistics</td>
<td>FIT1045 Introduction to algorithms and programming</td>
<td>MAT1830 Discrete mathematics for computer science</td>
<td></td>
</tr>
<tr>
<td>Specified study(Compulsory)</td>
<td>Specified study(Compulsory)</td>
<td>BCompSci</td>
<td>BCompSci</td>
<td></td>
</tr>
<tr>
<td>ECC1000 Principles of microeconomics</td>
<td>MGC1010 Introduction to Management</td>
<td>FIT1008 Introduction to computer science</td>
<td>FIT1049 IT professional practice</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Year level 2</strong></th>
<th>Specified study(Compulsory)</th>
<th>Specified study(Compulsory)</th>
<th>BCompSci</th>
<th>BCompSci</th>
</tr>
</thead>
<tbody>
<tr>
<td>MKC1200 Principles of Marketing</td>
<td>BTC1110 Commercial Law</td>
<td>FIT2004 Algorithms and data structures</td>
<td>FIT1047 Introduction to computer systems, networks and security</td>
<td></td>
</tr>
<tr>
<td>Major unit @ Clayton</td>
<td>Major unit @ Clayton</td>
<td>BCompSci</td>
<td>BCompSci</td>
<td></td>
</tr>
<tr>
<td>Major unit @ Clayton</td>
<td>Major unit @ Clayton</td>
<td>FIT2014 Theory of computation</td>
<td>MAT1841 Continuous mathematics for computer science</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Year level 3</strong></th>
<th>Major unit @ Clayton</th>
<th>Major unit @ Clayton</th>
<th>BCompSci*</th>
<th>BCompSci*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major unit @ Clayton</td>
<td>Major unit @ Clayton</td>
<td>FIT2099 Object-oriented design and implementation (Adv CS) or FIT2094 Databases (DS)</td>
<td>L3 Computer science Elective (Adv CS) or FIT2086 Modelling for data science (DS)</td>
<td></td>
</tr>
<tr>
<td>Major unit @ Clayton From major list @ Level 3</td>
<td>Major unit @ Clayton</td>
<td>FIT2102 Programming paradigms (Adv CS) or FIT1043 Intro to data science (DS)</td>
<td>FIT3155 Advanced algorithms and data structures (Adv CS) or FIT3179 Data visualisation (DS)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Year level 4</strong></th>
<th>Major unit @ Clayton</th>
<th>Capstone Portfolio unit Level 3</th>
<th>BCompSci*</th>
<th>BCompSci*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major unit @ Clayton From major list @ Level 3</td>
<td>Major unit @ Clayton</td>
<td>FIT3161 Computer science project 1 (Adv CS) or FIT3163 Data science project 1 (DS)</td>
<td>L3 Computer science Elective (Adv CS) or L3 Data science Elective (DS)</td>
<td></td>
</tr>
<tr>
<td>Major unit @ Clayton From major list @ Level 3</td>
<td>Commerce elective from Clayton campus</td>
<td>BCompSci*</td>
<td>BCompSci*</td>
<td></td>
</tr>
<tr>
<td>Major unit @ Clayton From major list @ Level 3</td>
<td>Commerce elective from Clayton campus</td>
<td>FIT3161 Computer science project 2 (Adv CS) or FIT3163 Data science project 2 (DS)</td>
<td>FIT3143 Parallel computing (Adv CS) or L3 Data science Elective (DS)</td>
<td></td>
</tr>
</tbody>
</table>

* Unit choice will depend on your Computer Science specialisation: Advanced Computer Science or Data Science

**RESPONSIBILITY FOR UNIT CHOICE**

Students are advised that, while the course advisors will endeavour to give every possible assistance and advice concerning unit choice, the onus is on students to ensure that units selected meet degree regulations and requirements. Students should refer to the University Handbook for further information on course and unit details at [http://www.monash.edu.au/pubs/handbooks/undergrad/index.html](http://www.monash.edu.au/pubs/handbooks/undergrad/index.html)

**CHECKLIST**

- MUST complete a minimum of 16 units from Faculty of Business and Economics at Clayton campus.
- Complete 8 units of compulsory specified study.
- A least one major of 8 units from Faculty of Business and Economics Clayton Campus (maximum on 2 units at Level 1 and a minimum of three units at Level 3).
- MUST have a minimum of 4 units at Level 3 from Faculty of Business and Economics Clayton Campus.
- MAXIMUM of 8 units at Level 1.