1. Students must complete four foundation units (24 points) from the list below:

**FOUNDATION UNITS**

FIT9131 Programming foundations in Java (S1, S2) OR FIT9133 Programming foundations in Python (S1, S2)
FIT9132 Introduction to databases (S1, S2)
FIT9134 Computer architecture and operating systems (S1, S2)
FIT9135 Data communications (S1, S2)

2. Students must complete two core units (12 points) from the list below:

**CORE UNITS**

FIT5057 Project management (S1, S2)
FIT5163 Information and computer security (S1, S2)

3. Students must complete two units from the Networks stream and two units from the Security stream (24 points):

**NETWORKS**

FIT5010 Network protocol standards (S1)
FIT5011 Network design and performance (S2)
FIT5034 Quality of service and network management (S2)
FIT5083 Network infrastructure (S1)

**SECURITY**

FIT5003 Software security (S1)
FIT5037 Network security (S1)
FIT5124 Advanced topics in security (S2)
FIT5129 Enterprise IT security - planning, operations and management (S2)

4. Students must complete two units (12 points) from:

a) The Networks or Security streams listed above in 3.

OR

b) One unit (6 points) from the Networks or Security streams listed above in 3. and one FIT Level 5 unit (6 points).

5. Students must complete 24 points of either research† or industry‡ units, as follows:

**RESEARCH UNITS†**

FIT5125 IT research methods (S1, S2)
FIT5126 Masters thesis part 1 (S1, S2)
FIT5127 Masters thesis part 2 (S1, S2)
FIT5128 Masters thesis final (S1, S2)

**INDUSTRY UNITS‡**

FIT5120 Industry experience studio project (12 points) (S1, S2)
FIT5122 Professional practice (S1, S2)
FIT5136 Software engineering (S1, S2)

† Research component to be completed across final two semesters: To be eligible to undertake a research unit, you must have successfully completed 24 points of level five FIT-coded units and have achieved an average of 75 per cent across all these units.

‡ Industry component to be completed in final semester.

**NOTES:**

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Unless specified, all units are worth 6 credit points. Master of Networks and Security is a total of 96 credit points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Requisites</td>
<td>All pre-requisite and co-requisite requirements must be completed prior to enrolling in subsequent unit(s)</td>
</tr>
<tr>
<td>Degree Duration</td>
<td>1.5 or 2 years full-time, 3, or 4 years part-time</td>
</tr>
<tr>
<td>Time Limit</td>
<td>Time limit = (Degree Duration x 2) + 2 = 4, 5, or 6 years in which to complete this award from the time they first commence. Periods of intermission are counted toward the time limit.</td>
</tr>
<tr>
<td>Key</td>
<td>S1 = Semester 1, S2 = Semester 2, W = Winter, Sum = Summer</td>
</tr>
<tr>
<td>Monash University Handbook</td>
<td>Students should follow the course requirements for the year the course was commenced <a href="http://monash.edu/pubs/2018handbooks/courses/index-byfaculty-it.html">http://monash.edu/pubs/2018handbooks/courses/index-byfaculty-it.html</a></td>
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