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)
- FITXXXX Discrete Optimisation (S1)

**SECURITY**

- FIT5003 Software security (S1)
- FIT5037 Network security (S1, S2)
- FIT5124 Advanced topics in security (S2)
- FIT5129 Enterprise IT security - planning, operations and management (S1)
- FIT5214 Blockchain (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 units and have achieved an average of 75 per cent across all completed FIT level five 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/2019handbooks/courses/index-byfaculty-it.html">http://monash.edu/pubs/2019handbooks/courses/index-byfaculty-it.html</a></td>
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