# MASTER OF CYBERSECURITY (C6002) – 2020

## INDUSTRY EXPERIENCE STREAM

### Year 1 (48 credit points)

<table>
<thead>
<tr>
<th>First Semester</th>
<th>FIT9131 Programming foundations in Java</th>
<th>FIT9132 Introduction to databases</th>
<th>FIT9136 Algorithms and programming foundations in Python</th>
<th>FIT9137 Introduction to computer architecture and networks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Second Semester</td>
<td>FIT5057 Project management</td>
<td>FIT5125 IT research methods</td>
<td>FIT5163 Information and computer security [FIT9137]</td>
<td>Cybersecurity core unit *</td>
</tr>
</tbody>
</table>

### Year 2 (48 credit points)

<table>
<thead>
<tr>
<th>First Semester</th>
<th>FIT5003 Software security [FIT9131 or FIT9136]</th>
<th>Cybersecurity core unit *</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Second Semester</td>
<td>FIT5120 Industry experience project (12 points)</td>
<td>[Refer to handbook]</td>
<td>FIT5122 IT professional practice [Co-requisite: FIT5120]</td>
<td>Level 5 Elective</td>
</tr>
</tbody>
</table>

## RESEARCH STREAM

### Year 1 (48 credit points)

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<tr>
<th>First Semester</th>
<th>FIT9131 Programming foundations in Java</th>
<th>FIT9132 Introduction to databases</th>
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<td>Second Semester</td>
<td>FIT5057 Project management</td>
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<td>Cybersecurity core unit *</td>
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### Year 2 (48 credit points)

<table>
<thead>
<tr>
<th>First Semester</th>
<th>FIT5126 Masters thesis part 1 [Refer to handbook]</th>
<th>Cybersecurity core unit *</th>
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</tr>
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</table>

## Foundation

- **FIT5037 Network security**
- **FIT5124 Advanced topics in security**
- **FIT5129 Enterprise IT security - planning, operations and management**
- **FIT5214 Blockchain**
- **FIT5223 IT forensics**
- **FIT5224 Smart contract**
- **FIT5225 Cloud computing and security**

## Notes

### Credit points

- Unless specified, all units are worth 6 credit points.
- Master of Cybersecurity: 16 units x 6cp = Total of 96 credit points.

### Year Level Requirement

1. A maximum of 24 points of level 9 (foundation) units will be counted.
2. At least 72 points must be completed at level 5.

### Unit requisites

- All pre-requisite and co-requisite requirements must be undertaken in order to be able to enrol into a specific unit.

### Duration of degree

- 2 years full-time, 4 years part-time.

### Time limit

- Time limit = 6 years. Students have six years in which to complete this award from the time they commence first year. Periods of intermission are counted as part of the eight years.

### Monash University handbook

- Students should follow the course requirements for the year the course was commenced.
- [https://handbook.monash.edu/browse/Faculty%20of%20Information%20Technology](https://handbook.monash.edu/browse/Faculty%20of%20Information%20Technology)