MASTER OF NETWORKS AND SECURITY (C6002)
– 2018 COURSE MAP –

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:

Credit Points	Unless specified, all units are worth 6 credit points. Master of Networks and Security is a total of 96 credit points
Unit Requisites	All pre-requisite and co-requisite requirements must be completed prior to enrolling in subsequent unit(s)
Degree Duration	1.5 or 2 years full-time, 3, or 4 years part-time
Time Limit	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.
Key	S1 = Semester 1, S2 = Semester 2, W = Winter, Sum = Summer
Monash University Handbook	Students should follow the course requirements for the year the course was commenced http://monash.edu/pubs/2018handbooks/courses/index-byfaculty-it.html