

Information Security Specialization
MSc Internetworking and MSc Internetworking (Extended)
Department of Computer Systems
Faculty of IT

A group of subjects which go together to form an Information Security Specialization for the Master of Science Internetworking is to be offered by the Faculty of Information Technology. At this stage there is no formal recognition of the title so the specialization will not be identified on a transcript. However, employers are usually more interested in the subjects studied than in a name of a specialization.

The subjects are:

- [32548 Network Security](#). This is planned to run every semester. The prerequisite has now become 32524 LANs and Routing rather than 32521 WANs & VLANs. New students will be able to enroll in Network Security in their second semester. This provides the opportunity to do as much of the specialization as a student wishes.
- [77998 Introduction to Cybercrime](#) and [79203 Business Law and Ethics](#). The Faculty of Law has agreed to offer these subjects as electives to MSc Internetworking Students. 79203 Business Law and Ethics is a prerequisite for Introduction to Cybercrime. If you intend to take Introduction to Cybercrime then this needs to be considered in your planning. **Timetabling for these subjects is up to the Law Faculty.**
- [32523 Operating Systems for Network Security](#). The name of an existing subject, 32523 OS for Internetworking, has been changed to 32523 OS for Network Security. The subject content now reflects this focus. The change brings the subject back to its original aim, which was to be an OS for Internetworking rather than a general OS subject. Operating Systems for Network Security is planned to run in semesters that start end of February/early March. The subject's prerequisite will be 32547 UNIX Systems Programming.
- [32310 Network Security Appliances](#). This subject uses Cisco material (based on the Cisco Networking Academy Course - Cisco Network Security v2.0). It concentrates on security device capabilities and configuration (at this time PIX firewalls and routers). It provides a practical foundation for implementing network security in small to large organizations. The subject is planned to run in the semesters that start end of July/early August. The subject's prerequisites are 32548 Network Security and 32521 WANs and VLANs.
- [32309 Network Security Enterprise Design](#). This subject deals with the issue of implementing network security in large enterprise networks. It

complements 32310 Network Security Appliances which concentrates more on individual devices. This subject is defined but is not yet scheduled for delivery. This subject has prerequisites of 32521 WANs and VLANs, and 32548 Network Security.

A brief synopsis of all MSc Internetworking subjects can be viewed on-line at <http://handbook.uts.edu.au>.

More complete information about the MSc Internetworking program can be viewed on-line at <http://www.iwork.uts.edu.au>.