

Graduate Program in Internetworking

Internetworking Subject Resources

**Year 1 (exit with Graduate Certificate in Internetworking),
total 24 credit points**

32516 Internet Programming	Autumn and Spring Semesters
32521 WANs and VLANs	Autumn and Spring Semesters
32524 LANs and Routing	Autumn and Spring Semesters
32547 Unix Systems programming	Autumn Semester

**Year 2 (exit with Graduate Diploma in Internetworking)
Which require a further 24 credit points from Year 1 and
a further 24 credit points from any four of:**

32009 Advanced Routing Principles	Autumn and Spring Semesters
32010 Wide Area Network Implementation	Autumn and Spring Semesters
32109 Network Analysis and Troubleshooting	Autumn and Spring Semesters
32520 Unix Systems Administration	Autumn Semester
32523 Operating Systems for Internetworking	Autumn Semester
32011 Multilayered Switched Networks	Autumn and Spring Semesters
32520 Unix Systems Administration	Autumn Semester
32523 Operating Systems for Internetworking	Autumn Semester
32549 Advanced Internet Programming	Autumn and Spring Semesters
32525 Distributed Software Programming	Spring Semester
32527 Internetwork Design	Autumn and Spring Semesters
32528 Network Management	Spring Semester
32548 Network Security	Spring Semester

xxxxx electives approved by the Program Director

Year 3 (exit with Master of Science in Internetworking)

To complete the Masters degree, a further 24 credit points are required. A research methods subject and Project A1 are compulsory. Students typically complete their final 24 credit points according to one of the following study patterns.

Pattern	Summer (when offered)	Autumn or Spring	Spring or Autumn
1	32930 Information Technology Management Research Methods 6 credit points	32932 Project A1 6 credit points	xxxxx one subject approved by the Program Director 6 credit points
	OR 32931 Information Technology Research Methods 6 credit points	xxxxx one subject approved by the Program Director 6 credit points	

2	<p>32930 Information Technology Management Research Methods 6 credit points</p> <p><i>OR</i></p> <p>32931 Information Technology Research Methods 6 credit points</p>	<p>32932 Project A1 6 credit points</p>	<p>xxxxx two subjects approved by the Program Director to 12 credit points</p>
3	<p>32930 Information Technology Management Research Methods 6 credit points</p> <p><i>OR</i></p> <p>32931 Information Technology Research Methods 6 credit points</p>	<p>32932 Project A1 6 credit points</p> <p>xxxxx one subject approved by the Program Director 6 credit points</p>	<p>32933 Project B1 6 credit points</p>
4	<p>32930 Information Technology Management Research Methods 6 credit points</p> <p><i>OR</i></p> <p>32931 Information Technology Research Methods 6 credit points</p>	<p>32932 Project A1 6 credit points</p>	<p>32933 Project B1 6 credit points</p> <p>xxxxx one subject approved by the Program Director 6 credit points</p>
5	<p>32930 Information Technology Management Research Methods 6 credit points</p> <p><i>OR</i></p> <p>32931 Information Technology Research Methods 6 credit points</p>	<p>32932 Project A1 6 credit points</p>	<p>32934 Project B2 12 credit points</p>
6		<p>32930 Information Technology Management Research Methods 6 credit points</p> <p><i>OR</i></p> <p>32931 Information Technology Research</p>	<p>32932 Project A1 6 credit points</p> <p>xxxxx one subject approved by the Program Director 6 credit points</p>

		<p><u>Methods</u> 6 credit points</p> <hr/> <p>xxxxx one <u>subject</u> approved by the Program Director 6 credit points</p>
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The patterns below will only be approved in consultation with the Program Director:

Pattern	Summer(when offered)	Autumn	Spring
7		<p>32930 <u>Information Technology Management Research Methods</u> 6 credit points</p> <p>OR</p> <p>32931 <u>Information Technology Research Methods</u> 6 credit points</p> <p>32932 <u>Project A1</u> 6 credit points</p>	<p>32933 <u>Project B1</u> 6 credit points</p> <p>xxxxx one <u>subject</u> approved by the Program Director 6 credit points</p>
8		<p>32930 <u>Information Technology Management Research Methods</u> 6 credit points</p> <p>OR</p> <p>32931 <u>Information Technology Research Methods</u> 6 credit points</p> <hr/> <p>32932 <u>Project A1</u> 6 credit points</p>	<p>32934 <u>Project B2</u> 12 credit points</p>
9		<p>32930 <u>Information Technology Management Research Methods</u> 6 credit points</p> <p>OR</p> <p>32931 <u>Information Technology Research Methods</u> 6 credit points</p>	<p>xxxxx two <u>subjects</u> approved by the Program Director to 12 credit points</p>

		32932 Project A1 6 credit points	
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