

# Course Plan (Sample Only)

## B1390 BIT Internetworking and Network Security / Business Information Systems Double Major

### Semester 1 2022 entry

	Semester 1		Semester 2	
Year 1	MSP100 Career Learning: Managing Your Career <b>OR</b> MAS164 (if required, see MAS162 unit pre-requisites)	3pts	ICT169 Foundations of Data Communications	3pts
	ICT100 Transition to IT	3pts	ICT170 Foundations of Computer Systems	3pts
	ICT159 Foundations of Programming	3pts	MAS162 Foundations of Discrete Mathematics <b>OR</b> MAS183 Statistical Data Analysis	3pts
	ICT171 Introduction to Server Environments and Architectures	3pts	ICT158 Introduction to Information Systems	3pts
		<b><u>12pts</u></b>		<b><u>12pts</u></b>
Year 2	BSC203 Introduction to ICT Research Methods	3pts	MSP200 Building Enterprise Skills	3pts
	ICT284 Systems Analysis and Design	3pts	ICT285 Database	3pts
	ICT291 Network Design and Implementation	3pts	ICT292 Information Systems Management	3pts
	Year 2 Unit (General Elective) <b>OR</b> MSP100 (if not completed yet)	3pts	ICT372 Advanced Network Design and Implementation	3pts
		<b><u>12pts</u></b>		<b><u>12pts</u></b>
Year 3	MSP201 Real World Learning	3pts	ICT301 Enterprise Architectures	3pts
	ICT201 IT Project Management*	3pts	ICT302 IT Professional Practice Project	3pts
	ICT377 Network Security	3pts	ICT369 Wireless and Interactive Networks	3pts
	ICT394 Business Intelligence Application Development	3pts	ICT393 Advanced Business Analysis and Design	3pts
		<b><u>12pts</u></b>		<b><u>12pts</u></b>

\*ICT201 can also be completed in year 2, you need to choose based on planned secondary major, minors and electives

**Students who have been granted Advanced Standing or completed previous TAFE or Higher education studies should consult the Academic Chair for clarification of their enrolment requirements.**

Academic Chair: Dr Sebastian Zander

Email: [S.Zander@murdoch.edu.au](mailto:S.Zander@murdoch.edu.au) Phone: 9360 2296

**Disclaimer: This course plan is a sample only and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as per the online [Handbook](#) Correct as of 30/11/2021**