

Bed (Design & Technology pathways)

A Vocational (Engineering / Construction, Food Technology / Hospitality, Textiles)		B Technology (Multimedia, Information Technology)
	Major in Teacher Education (MJ0118) 4782 Education Foundations 6577 Indigenous Education what works 6732 Promoting positive learning environments 6733 Responding to individual needs 6889 Socio-cultural politics of educations 6891 Curriculum studies	
Required units In Yr 1 & 2 8022 Acq skills 6a (Enrol @CIT) 8023 Acq Skills 6b (Enrol @CIT) 8024 Acq skills 7a (Enrol @CIT) 8025 Acq skills 7b (Enrol @CIT) 7480 Learning with Technology 6904 Teaching Internship		Required units In Yr 1 & 2 7840 Learning with Technology 6904 Teaching Internship Multimedia 8173 Contemporary photo design 8175 Digital illustration Info Tech 6348 Info systems in organisations, and 4483 Software tech or 4493 Prof communication
	Design Minor (MNoo27) ANY 4 of (Arts & Design) 6944 Contemporary issues in Design 8172 Creativity & critique 8176 Drawing as communication 8334 User centred design 2.2 8418 Design History	
	Professional studies major MJ0097 6906 Professional experience 1 6907 Professional experience 2 6908 Professional experience 3 7840 Secondary Teaching studies 3 6759 Secondary Teaching studies 1 (Design) 6769 Secondary Teaching studies 2 (Design)	
Technology Specialisation Major Engineering / Construction Food Technology / Hospitality, Textiles		Technology Specialisation Major Multimedia Info Tech
For details on units for each technology specialisation major please see below		

Updated: Technology Specialisation Major February 2010

NB: This course will be revised this year and further advice will be issued

For Engineering & Construction & Multimedia specialisations please choose

for 1st year students only;

Semester 1: Unit 8314 Design Studio 1.1

Semester 2: Unit 8327 Design Studio 1.2

For 2nd -3rd Year students choose from;

Any units not completed in your design minor from the Bachelor of Industrial Design 118JA

<http://www.canberra.edu.au/courses/index.cfm?action=detail&courseid=118JA&year=2010>

For both your major & restricted choice!

For Food Technology/Hospitality

For 1st year students only

0483	Concepts in Biology	S 1/ L 1
6529	Systemic Anatomy & Physiology	S 2/ L 1

For 2nd -3rd Year students choose from;

6532	Human Physiology and the Lifecycle	S 1/ L 3 + prereq
8251	Food Science	S 2 /L 2 + Prereq
6507	Nutritional Science 1	S 1/ L 3 + prereq
6509	Nutrition, Society & Health	S 2/ L 3 + prereq

For your restricted choice choose other units from health and science.

Information Technology

There are 3 possible pathways in this specialisation – **Network Administration, Software Engineering & Business Information**. All units are 3 credit points.

Network Administration

Networked computer systems require design, development and support in all business, government organisations, schools and the home. Students taking this specialization will be able to do network administration in schools and/or develop and teach relevant courses in schools.

Unit	Unit Name	Semester/Level
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4478	Introduction to Information Technology	S 1 or 2/ L1
5915	Database Design	S 1or 2/ L 1 + prereq
7170	Software Technology 2	S1 or 2/ L 2 + prereq
7171	System Software	S 1/ L 2 + prereq
7175	Web Design & Programming	S 2/ L 2 + prereq
7167	Security & Support in IT	S 2/ L 2 + prereq

Restricted Choice Options

7159	Distributed Systems Technology	S 2/L 3 + prereq
7165	Object-Oriented Software Design	S 1/ L 3 + prereq
6365	Systems Analysis & Modelling	S 2/ L 2 + prereq

Software Engineering

The software engineering specialization is designed for students with a particular interest in computer programming and the design and construction of software systems. You will develop significant expertise as a software engineer and your school students will also be able to continue their studies at university. These skills are in increasing demand, especially skills that include the management side of software engineering.

Software Engineering Units

Unit No.	Unit Name	Semester/Level
4478	Introduction to Information Technology	S 1 or 2/ L1
5915	Database Design	S 1or 2/ L 1 + prereq
7170	Software Technology 2	S1 or 2/ L 2 + prereq
6365	Systems Analysis & Modelling	S 2/ L 2 + prereq
7175	Web Design & Programming	S 2/ L 2 + prereq
7173	Systems Project & Quality Management	S 1 or 2/ L 3 + prereq

Restricted Choice Options

7167	Security & Support in IT	S 2/ L 2 + prereq
7165	Object-Orientated Software Design	S 1/ L 3 + prereq
5531	Introduction to Software Engineering	S 1/ L 1

Business Informatics

Informatics is about designing information systems for maximum utility and value in an organisation. This involves looking at how people work and how organisations function, as well as the design and implementation of IT systems that support their operation. It requires a good communicator who can bridge between business and information technology. With this specialization you could work as a business analysts in your school and/or teach students about this important new area. Your students will then be able to continue to further studies, for example in the Bachelor of Business Informatics at the University of Canberra.

Unit No.	Unit Name	Semester/Level
4478	Introduction to Information Technology in	S 1 or 2/ L1

	lieu Acquisition of skills 7 - 4493	
4207	Introduction to Management	S 1 or 2/ L 1
5915	Database Design	S 1or 2/ L 1 + prereq
6389	Designing Human-Computer Interaction	S 1/ L 2 + prereq
7173	Systems Project & Quality Management	S 1 or 2/ L 3 + prereq
7087	Sociology of Technology & Work	S 2/ L 2 + prereq