

SELECTING YOUR PROGRAM

Part 3 of this Handbook is a formal record of the undergraduate teaching program of the University for 2009. The first section, the Schedule of Programs of Study, lists the programs which satisfy the requirements for the various undergraduate awards offered by Macquarie University. It is followed by the Schedule of Units and the Unit Descriptions: together they identify the units of study which are specified within those programs.

No matter which degree you are enrolled for, the Schedule of Programs of Study is the starting point when choosing an appropriate program. The following pages of advice will provide a useful guide to that Schedule.

Your field of interest: Areas of study

The programs of study in the Schedule are alphabetically arranged according to broad areas of study. Some general entries (such as **Arts**, **Commerce** and **Science**) have been included to help you find particular fields of interest. Each area of study entry lists the programs that are available for the degrees that you can complete in that area. Refer to page 232 for a table listing all of the areas of study that are featured in the Schedule.

Coherent studies and study patterns

There are two types of Programs of Study available at undergraduate level and both are listed in the Schedule:

1. A coherent study represents a particular stream of study, and consists of a specific set of units you have to complete at 300 level or higher (generally speaking, in your final year). It will have to be preceded by other units at 100 level and 200 level, but these are generally not listed as part of the coherent study – they are either prerequisites for your 300-level units or part of the general requirements for your degree, given in Part 2 of this Handbook in the section entitled General Requirements for Bachelor Degree Awards. A small number of coherent studies have some prescribed units also listed.
2. A study pattern represents a major, which is structured sequence of required units. Some majors are represented by only one study pattern, others by several. Study patterns are not intended to prescribe every unit that is to be taken in a degree, but unlike coherent studies they do include units below 300 level. As with coherent studies, you will need to ensure that you choose any remaining (elective) units so as to satisfy the general degree requirements.

Program codes

An individual code has been allocated to each Program of Study, whether it is a coherent study or a study pattern. Coherent studies have a code which consists of three letters followed by two numerals (for example, LNG01). Study patterns have four letters followed by two numerals (for example, LING01).

Terms used

Coherent study

A coherent study is a set of units at 300 level which is approved by the University as one of the key requirements for a degree. You must select a program for your degree which has either a major or a coherent study.

Elective unit

Most study patterns do not specify all the units you need to complete to finish your degree; they allow room for elective units to make up the total number of credit points required. You can choose your elective units from anywhere in the Schedule of Undergraduate Units, found in this Part of this Handbook, so long as you satisfy the appropriate prerequisites.

Major

A major is a sequence of units which is approved by the University as an appropriate program in a particular subject. Each major consists of a substantial number of credit points (at least 26) in required units.

Prerequisite

A prerequisite is a unit of study which must be completed or a requirement which must be satisfied before you enrol in a particular unit. Prerequisites are listed in the Schedule of Undergraduate Units, found in this Part of this Handbook.

Required unit

Required units are units which you must enrol in for a particular major, as they are an essential part of its structure. In some cases, these must be chosen from a set of units. For example, you may have to choose two units to study from a selection of eight units.

Study pattern

A study pattern is a particular representation of a major. It consists of required units at each level and usually a number of elective units to make up the total credit points needed for the degree.

Program entry and transfers

Students who enrolled in the University before 2004 may continue and complete requirements for their degree under arrangements which applied at the time of their pre-2004 enrolment. The programs detailed in the Schedule of Programs of Study apply to all students enrolling in new programs in 2009.

You should note that there is a restriction on entry to some degree programs (for example, Bachelor of Laws; Bachelor of Commerce – Accounting, Bachelor of Medical Sciences). You may only enrol in a program to which the University has granted you admission; academic advisers will be able to tell you what you will need for possible transfer to other degree programs.

Selecting your Program of Study

- Be prepared to browse the areas of study in the Schedule, and do not be tempted to commit yourself too quickly. Academic advisers are available to direct you to suitable programs which are of interest to you and which you are eligible to enter.
- Remember that some areas of study require previous knowledge at High School level for entry to the main first-year units of study. Refer to the section Selection of Program of Study at page 32 of this Handbook for more information about assumed knowledge, subject prerequisites and recommended studies for each area of study.
- Once you have found an area of study which has programs that you may be interested in doing, you will need to:
 1. Check that there are degrees awarded within that area of study for which you are eligible to enrol
 2. Find either a coherent study or a study pattern for your degree which you would like to complete
 3. Check with an adviser to confirm that you have not missed any obvious alternatives elsewhere in the Schedule of Programs of Study
 4. Refer to the Schedule of Units in this Part of this Handbook
 5. If you have chosen a coherent study, select 100-level units that will form the basis of your coherent study — that is, find the prerequisites needed to enable you to enrol in your preferred 300-level units
 6. If you have selected a study pattern, choose any electives you have room for. Note that, for some programs, the balance of credit points required may be less than that stated in the study pattern, depending on the units selected.

In choosing elective units for this and future years, make sure that you satisfy the general requirements for your degree. General requirements are prescribed under the Bachelor Degree Rules and can be found in the Schedule of Programs of Study, as well as in Part 2 of this Handbook.

Four-step process

The table on the following pages is designed to assist you with the task of selecting an appropriate program. The following four-step process will help you find the available programs in the degree you are enrolling for.

1. In Column A, locate the degree that you are enrolling for. The programs are grouped into:
 - single degrees,
 - double degrees,
 - combined law degrees, and
 - direct entry programs.

Ensure that you have found the particular award for which you were sent an offer (identified by the University Admissions Centre code and the title of the award as it appears in the UAC 2008 Guide).

Many programs of study are available for distance learning, but availability of individual units will need to be ascertained before enrolment.

The UAC code for a Commonwealth Supported Place (CSP) is indicated.

2. From Column B, select a subject area within your chosen degree which looks attractive to you.
3. Column C lists the codes for the coherent studies and majors which are available for that subject area.
4. Column D identifies the area of study within which the coherent study or study pattern is located. Individual coherencies and study patterns are listed in the Schedule of Programs of Study which is ordered by area of study: see page 232 for a contents listing of the Schedule.

A UAC CSP Course Code & Course Title	B Subject Area (Stream or Major)	C Code	D Area of Study
300115 B Ancient History with Honours	Ancient History	ANCH03	Ancient History
300201 B Applied Finance	Applied Finance	APFN01	Finance
300105 B Arts by distance	Ancient History	ANC01	Ancient History
300107 B Arts	Anthropology	ANC02	Ancient History
	Anthropology	ANT01	Anthropology
	Atmospheric Science	ATM02	Atmospheric Science
	Australian Studies	AUS01	Australian Studies
	Business Law	BSL01	Business Law
		BSL02	Business Law
	Chemistry	CHE01	Chemistry
		CHE02	Chemistry
	Chinese	LGA01	Asian Languages
	Computing	CMP01	Information Technology and Computing
	Contemporary Music	MUS01	Music
	Critical and Cultural Studies	CUL03	Cultural Studies
		CUL04	Cultural Studies
		CUL05	Cultural Studies
		CUL10	Cultural Studies
	Croatian	CRTN01	European Languages
		CRTN02	European Languages
	Demography	DEM01	Demography
		DEM06	Demography
	Drama	CUL06	Cultural Studies
		CUL07	Cultural Studies
	Economics	ECN01	Economics
		ECN05	Economics
		ECN06	Economics
		ECN07	Economics
	Education	ECH01	Early Childhood Studies
		EDU01	Education
	Electronics	ELE01	Electronic and Communication Systems (Telecommunications)
	English	ENG01	English
		ENG02	English
		ENG05	English
		ENG07	English
		ENG08	English
	French	FRNC01	European Languages
		FRNC02	European Languages
	Geocology	GEC01	Geocology
	Geography	GIS02	Geographic Information Science
		HGE06	Human Geography
		HGE12	Human Geography
		HGE13	Human Geography
		PHG01	Physical Geography
	German	GRMN01	European Languages
		GRMN02	European Languages
	History	HST01	History
	Indigenous Studies	ABR01	Indigenous Studies
		ABR05	Indigenous Studies
	Italian	ITLN01	European Languages
		ITLN02	European Languages

A UAC CSP Course Code & Course Title	B Subject Area (Stream or Major)	C Code	D Area of Study
300142 B Arts in Development Studies and Culture Change 300142 B Arts in Media & Cultural Studies 300117 B Arts with Dip Education	Japanese	LGA02 LGA03	Asian Languages Asian Languages
	Linguistics	LNG01 LNG03 LNG11 LNG20	Linguistics Linguistics Linguistics Linguistics
	Macedonian	MCDN01 MCDN02	European Languages European Languages
	Mathematics	MAT01 MAT02 MAT05	Mathematics Mathematics Mathematics
	Modern Greek	MDGK01 MDGK02	European Languages European Languages
	Modern History	MDH01 MDH02 MDH05	Modern History Modern History Modern History
	Music and Dance	MUS02	Dance
	Philosophy	PHL01	Philosophy
	Physics	PHY01 PHY02	Physics Physics
	Polish	PLSH01 PLSH02	European Languages European Languages
	Politics	PLT01 PLT02	Politics Politics
	Population Studies	PPL05 PPL12 PPL15 PPL16 PPL17	Population Studies Population Studies Population Studies Population Studies Population Studies
	Psychology	PSY01	Psychology
	Resource and Environmental Management	REM03	Resource and Environmental Management
	Russian	RUSN01 RUSN02	European Languages European Languages
	Social Science	ANT02	Anthropology
	Sociology	SOC01 SOC03	Sociology Sociology
	Spanish	SPNH01 SPNH02	European Languages European Languages
	Statistics	STA01 STA02 STA03 STA04	Statistics Statistics Statistics Statistics
	Urban and Regional Management	HGE17	Human Geography
	Women's Studies	WST05	Women's Studies
	Development and Culture Change	DEVS01	Development Studies
	Media and Cultural Studies	CUL01 CUL02	Cultural Studies Cultural Studies
	Teacher Education	TED01	Teacher Education

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300127 B Arts – Psychology	Psychology	PSYC11 PSYC22	Psychology Psychology
300130 B Arts – Psychology with Dip Education	Teacher Education	TED01	Teacher Education
300512 B Biotechnology	Biotechnology	BTEC01	Biotechnology
300204 B Business Administration	Business Administration	BUS01	Business
300205 B Business Administration (International Studies)	Business Administration	BUS02	Business
300470 B Chiropractic Science	Chiropractic Science	CHRP01	Chiropractic
300210 B Commerce	Accounting Demography Econometrics Economics Finance Marketing Statistics	ACC01 DEM07 ECN03 BSL03 ECN08 ECN09 ECN14 FNN06 MKT04 MKTG02 STA05 STAT01	Accounting Demography Economics Business Law Economics Economics Economics Finance Marketing Marketing Statistics Statistics
300227 B Commerce – Accounting	Accounting	ACCG03	Accounting
300232 B Commerce – Actuarial Studies	Actuarial Studies	ACT10	Actuarial Studies
300240 B Commerce – Marketing	Marketing	MKTG03	Marketing
300505 B Computer Science	Computer Science	COMP01	Information Technology and Computing
300121 B Creative Arts	Creative Arts	CRE01 CRE09 CRE10	Creative Arts Creative Arts Creative Arts
300122 B Creative Arts (International)	Creative Arts	CRE05 CRE11 CRE12	Creative Arts Creative Arts Creative Arts
300497 B eBusiness	eBusiness	EBUS01 EBUS02 EBUS03	eBusiness eBusiness eBusiness
300209 B Economics	Demography Econometrics Economics	DEMG01 ECMT03 BSL06 ECN15	Demography Economics Business Law Economics

A UAC CSP Course Code & Course Title	B Subject Area (Stream or Major)	C Code	D Area of Study
		ECN16 ECN17 ECOS02 ECOS04 STA10	Economics Economics Economics Economics Statistics
300407 B Education (Early Childhood Ed) 300415 by distance	Teacher Education	TEDN02 TEDN04	Teacher Education Teacher Education
300750 B Engineering	Telecommunications Engineering	ENGG01	Engineering
300751 B Engineering	Computer Engineering	ENGG02	Engineering
300752 B Engineering	Electronics Engineering	ENGG03	Engineering
300753 B Engineering	Instrumentation and Control Engineering	ENGG04	Engineering
300754 B Engineering	Wireless Engineering	ENGG05	Engineering
300755 B Engineering	Software Engineering	ENGG06	Engineering
300756 B Engineering	Photonics Engineering	ENGG07	Engineering
300514 B Environmental Management	Environmental Sciences	ENV05	Environmental Sciences
300513 B Environmental Science	Environmental Sciences	ENV01 ENV03 ENV04 ENV06	Environmental Sciences Environmental Sciences Environmental Sciences Environmental Sciences
300520 B Health	Health International Health	HLTH01 HLTH02	Health Health
300285 B Human Resource Management	Human Resource Management	HRMT01	Business
300499 B Information Systems	Information Systems	INFT02	Information Technology and Computing
300503 B Information Technology	Information Technology	INFT01	Information Technology and Computing
300290 B International Business	International Business	INBU01	Business
300140 B International Communication	Media	MEDA02	Media Studies
300131 B International Studies	Asian Studies European Studies English Studies	ASNS01 ASNS02 ASNS03 EURS01 EURS02 ENGS01	International Studies International Studies International Studies International Studies International Studies International Studies

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300515 B MarineScience	Marine Biology	MAR01	Marine Science
	Marine Geoscience	MAR02	Marine Science
	Marine Chemical Ecology	MAR03	Marine Science
300138 B Media	Media	MEDA03	Media Studies
300518 B Medical Sciences	Medical Sciences	MED01	Medical Sciences
		MED03	Medical Sciences
		MED04	Medical Sciences
300660 B Optical Technology	Optical Technology	OPTL02	Optical Technology
300570 B Planning	Planning	HUMG01	Human Geography
300126 B Psychology (Hons)	Psychology	PSYC15	Psychology
300517 B Science 300525 by distance	Atmospheric Science	ATM01	Atmospheric Science
	Biology	BLG05	Biology
		BLG07	Biology
		BLG09	Biology
		BLG10	Biology
	Bioinformatics	BNF01	Bioinformatics
		BNF02	Bioinformatics
		BNF03	Bioinformatics
		BNF04	Bioinformatics
	Biomolecular Sciences	BMS01	Biomolecular Sciences
	Brain, Behaviour and Evolution	ANB01	Animal Behaviour
	Chemistry	CHE05	Chemistry
		CHE06	Chemistry
	Computing	CMP02	Information Technology and Computing
	Demography	DEM08	Demography
	Electronics	ELE02	Electronics and Communication Systems (Telecommunications)
	Geocology	GEC02	Geocology
	Geography	GIS04	Geographic Information Science
		HGE14	Human Geography
		HGE16	Human Geography
		PHG02	Physical Geography
	Geology	GGE05	Geology, Geophysics & Exploration Geoscience
		GGE10	Geology, Geophysics & Exploration Geoscience
		GGE14	Geology, Geophysics & Exploration Geoscience
	Geophysics	GGE06	Geology, Geophysics & Exploration Geoscience
		GGE12	Geology, Geophysics & Exploration Geoscience
			Geology, Geophysics & Exploration Geoscience
	Linguistics	LNG05	Linguistics
		LNG13	Linguistics
		LNG14	Linguistics
	Mathematics	MAT03	Mathematics
		MAT04	Mathematics
		MAT06	Mathematics

A UAC CSP Course Code & Course Title	B Subject Area (Stream or Major)	C Code	D Area of Study
300508 B Science in Advanced Biology	Molecular Technologies	CHE17 CHE18 CHE19 CHE20	Chemistry Chemistry Chemistry Chemistry
	Physics	PHY03 PHY04	Physics Physics
	Psychology	PSY03 PSY04 PSY05 PSY06	Psychology Psychology Psychology Psychology
	Population Studies	PPL18 PPL19	Population Studies Population Studies
	Resource & Environmental Management	REM04	Resource and Environment Management
	Statistics	STA07 STA08 STA09	Statistics Statistics Statistics
	Urban and Regional Management	HGE18	Human Geography
	Biology	BLG06	Biology
300509 B Science in Advanced Chemistry	Chemistry	CHE22	Chemistry
300507 B Science in Advanced Mathematics	Mathematics	MATH03	Mathematics
300529 B Science in Astronomy & Astrophysics	Astronomy & Astrophysics	ASTR01	Astronomy and Astrophysics
300531 B Science in Biodiversity & Conservation	Biology	BDV01	Biodiversity and Conservation
300537 B Science with Dip Education	Mathematics and ICT Teaching	TESC03 TESC02	Teacher Education Teacher Education
	Mathematics Teaching	TESC01	Teacher Education
	Science Teaching	TESC04	Teacher Education
	Teacher Education	TED01	Teacher Education
300129 B Science – Psychology	Psychology	PSYC13 PSYC14	Psychology Psychology
300120 B Social Science	Asian Studies	INS01	International Studies
	Social Science	ABR06	Indigenous Studies
		ABR07	Indigenous Studies
		ABR08	Indigenous Studies
		ANT05	Anthropology
		DEM09	Demography
		HGE15	Human Geography
		LNG16	Linguistics
		LNG17	Linguistics
		LNG18	Linguistics
		LNG19	Linguistics
		MDH04	Modern History
		PHL03	Philosophy
		PLT04	Politics

A UAC CSP Course Code & Course Title	B Subject Area (Stream or Major)	C Code	D Area of Study
		PPL11 PPL13 PPL14 PSY02 SOC09	Population Studies Population Studies Population Studies Psychology Sociology
	Urban and Regional Development	HGE19	Human Geography
	Women's Studies	WST06	Women's Studies
300521 B Speech and Hearing Sciences	Speech and Hearing Sciences	SPH10 SPH11 SPH12 SPH13	Speech and Hearing Science Speech and Hearing Science Speech and Hearing Science Speech and Hearing Science
300295 B Laws by distance	Law	LLAW01	Law

COMBINED LAW DEGREES

300312 B Applied Finance with B Laws	Applied Finance	FNCL02	Finance
300304 B Arts / B Laws	Arts / Law	LAW04	Law
300395 B Arts – Psychology with B Laws	Psychology	PSYL02	Psychology
300308 B Business Administration with BLaws	Business Administration	BUS04	Business
300307 B Commerce with B Laws	Economics & Law Finance Law	ECOL02 FNCL01 LAW07	Economics Finance Law
300320 B Commerce – Accounting with B Laws	Accounting	ACCL01	Accounting
300330 B Commerce – Actuarial Studies with B Laws	Actuarial Studies	LAW15	Actuarial Studies
300331 B Commerce – Marketing with B Laws	Marketing + Law	MKT05	Marketing
300314 B Environmental Management with B Laws	Environmental Management / Law	LAW13	Environmental Sciences
300340- B Information Technology with B Laws	Information Technology	INFT03	Information Technology and Computing
300316 B International Studies with B Laws	Asian Studies European Studies	ASNS05 ASNS06 EURS05 EURS06	International Studies International Studies International Studies International Studies
300315 B Media with B Laws	Media Law	MEDL01	Media Studies

A UAC CSP Course Code & Course Title	B Subject Area (Stream or Major)	C Code	D Area of Study
300305 B Science with B Laws	Law	LAW14	Law
300319 B Social Science with B Laws	Social Science	LAW19	Social Science
DOUBLE DEGREES			
300270 B Applied Finance with B Commerce – Accounting	Applied Finance	FNN01	Finance
300260 B Applied Finance with B Commerce – Actuarial Studies	Applied Finance	FNN02	Finance
300271 B Applied Finance with B Economics	Applied Finance	FNN04 FNN05	Finance Finance
300123 B Arts – Psychology with B Health	Psychology	PSYC16	Psychology
300253 B Business Administration with B Arts in European Languages	Business Administration	BUSN50 BUSN51	Business Business
300258 B Business Administration with B Arts – Psychology	Business Administration	BUSN52	Business
300280 B Business Administration with B Commerce – Accounting	Business Administration	BUSN53	Business
300281 B Business Administration with B Economics	Business Administration	BUS03	Business
300257 B Business Administration with B Information Technology	Business Administration	BUSN54	Business
300262 B Commerce – Accounting with B Commerce – Actuarial Studies	Accounting and Actuarial Studies	ACC03	Accounting
300261 B Commerce – Actuarial Studies with B Economics	Actuarial Studies	ACT03 ACT04	Actuarial Studies Actuarial Studies
300268 B Commerce – Actuarial Studies with B Science	Actuarial Studies	ACT14 ACT12 ACT05	Actuarial Studies Actuarial Studies Actuarial Studies
300759 B Engineering with B Business Administration	Engineering	EGG20	Engineering

300757 B Engineering with B Commerce	Software Engineering and Commerce	ENGG25	Engineering
	Telecommunications Engineering and Commerce	ENGG20	Engineering
300758 B Engineering with B Science	Software Engineering and Commerce	ENGG35	Engineering
	Telecommunications Engineering and Commerce	ENGG30	Engineering
300506 B Science with B Arts	Natural History, Cultural & Museum Studies	MST01	Museum Studies
300124 B Science –Psychology with B Health	Psychology	PSYC17	Psychology

DIRECT ENTRY PROGRAMS

A Course Title	B Stream or Major	C Code	D Area of Study
Cert Ancient Languages	Ancient Languages	ANCH04	Ancient History
Dip Ancient Languages	Ancient Languages	ANCH01	Ancient History
GDip Anthropology	Anthropology	ANTH05	Anthropology
GDip Atmospheric Science	Atmospheric Science	ATMS05	Atmospheric Science
GradCert Biotechnology	Biotechnology	BTEC20	Biotechnology
GradCert Business	Business	BUSN40	Business
B Community Management	Community Managment	CMMG01	Indigenous Community Management
GradCert Critical and Cultural Studies	Critical and Cultural Studies	CULT01	Cultural Studies
GDip Critical and Culural Studies	Critical and Cultural Studies	CULT02	Cultural Studies
GradCert Information Systems and Technology	Information Technology	INFT12	Information Technology and Computing
GradCert Information Technology	Information Technology	INFT11	Information Technology and Computing
GDip Information Technology	Information Technology	INFT10	Information Technology and Computing
GDip Early Childhood	Education	ECHS05 ECHS06 ECHS07	Early Childhood Studies Early Childhood Studies Early Childhood Studies
B Education (Primary)	Teacher Education	EDU02	Teacher Education
B Education (Secondary)	Teacher Education	EDU03	Teacher Education
GDip Education	Teacher Education	TEDN11	Teacher Education
GDip Geographic Information Science	Geography	GISC05	Geographic Information Science

Dip Languages	Chinese	CHNS02	Asian Languages
	Croatian	CRTN03	European Languages
	French	FRNC03	European Languages
	German	GRMN03	European Languages
	Italian	ITLN03	European Languages
	Japanese	JPNS01	Asian Languages
	Macedonian	MCDN03	European Languages
	Modern Greek	MDGK03	European Languages
	Polish	PLSH03	European Languages
	Russian	RUSN03	European Languages
	Spanish	SPNH03	European Languages
Cert Languages	Arabic	ARAB05	Arabic
	Chinese	CHNS01	Asian Languages
	Croatian	CRTN04	European Languages
	French	FRNC04	European Languages
	German	GRMN04	European Languages
	Italian	ITLN04	European Languages
	Japanese	JPNS02	Asian Languages
	Macedonian	MCDN04	European Languages
	Modern Greek	MDGK04	European Languages
	Polish	PLSH04	European Languages
	Russian	RUSN04	European Languages
	Spanish	SPNH04	European Languages
GradCert Marketing	Marketing	MKTG20	Marketing
GDip Philosophy	Philosophy	PHLS05	Philosophy
GDip Psychology	Psychology	PSYC25	Psychology
GradCert Statistics	Statistics	STAT05	Statistics
B Teaching (Early Childhood Services)	Teacher Education	TEDN01	Teacher Education
B Teaching (Birth to School Age)	Teacher Education	TEDN03	Teacher Education
GDip Women's Studies	Women's Studies	WMST01	Women's Studies