



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

CREATE CHANGE

Year 10 Subject Selection Guide

Your five-step guide to planning your future study options



STEP 1

Explore your future study options

You might know exactly what you want to study at university, or you might not know at all. If you're not sure what you want to study, start by thinking about what subjects you enjoy at school, and what things you're interested in. This table is a great starting point to help you decide what university programs might align with your interests.

I want to ...	I'm really good at Computers, Science and Numbers	I'm really good at Pictures, Words and Being Creative	
Explain things to others	<ul style="list-style-type: none"> - Advanced Science - Biotechnology - Clinical Exercise Physiology - Computer Science - Dental Science - Economics - Education - Engineering 	<ul style="list-style-type: none"> - Health Sciences - Information Technology - Medicine - Pharmacy - Politics, Philosophy and Economics - Psychological Science - Science 	<ul style="list-style-type: none"> - Advanced Humanities - Arts - Communication - Education - Health, Sport and Physical Education - International Hotel and Tourism Management - Journalism - Law - Nursing - Occupational Therapy - Politics, Philosophy and Economics - Social Science - Social Work - Speech Pathology
Use money wisely	<ul style="list-style-type: none"> - Advanced Business - Advanced Finance and Economics - Agribusiness - Business Management 	<ul style="list-style-type: none"> - Commerce - Economics - Mathematics - Science 	<ul style="list-style-type: none"> - Advanced Business Management - Business Management - Commerce - Criminology and Criminal Justice - International Studies - Politics, Philosophy and Economics
Help the environment and animals	<ul style="list-style-type: none"> - Advanced Science - Agribusiness - Agricultural Science - Computer Science - Engineering - Environmental Science - Equine Science - Health Sciences 	<ul style="list-style-type: none"> - Information Technology - Politics, Philosophy and Economics - Science - Sustainable Agriculture - Veterinary Science - Veterinary Technology - Wildlife Science 	<ul style="list-style-type: none"> - Environmental Management - Law - Regional and Town Planning - Social Science - Wildlife Science
Be creative	<ul style="list-style-type: none"> - Advanced Business - Architectural Design - Computer Science - Dentistry - Education - Engineering - Exercise and Nutrition Science 	<ul style="list-style-type: none"> - Health Sciences - Information Technology - Mathematics - Psychological Science 	<ul style="list-style-type: none"> - Advanced Business - Advanced Humanities - Architectural Design - Arts - Business Management - Communication - Education - Information Technology - Journalism - Music - Regional and Town Planning
Make and build things	<ul style="list-style-type: none"> - Architectural Design - Biotechnology - Computer Science - Dentistry 	<ul style="list-style-type: none"> - Engineering - Information Technology - Pharmacy 	<ul style="list-style-type: none"> - Architectural Design - Arts - Engineering - Health, Sport and Physical Education
Help others	<ul style="list-style-type: none"> - Advanced Business - Advanced Finance and Economics - Biomedical Science - Biotechnology - Business Management - Clinical Exercise Physiology - Commerce - Computer Science - Dental Science - Economics - Education - Engineering 	<ul style="list-style-type: none"> - Exercise and Nutrition Sciences - Exercise and Sport Sciences - Information Technology - Health Sciences - Medicine - Midwifery - Nursing - Occupational Therapy - Pharmacy - Physiotherapy - Politics, Philosophy and Economics - Speech Pathology 	<ul style="list-style-type: none"> - Arts - Criminology and Criminal Justice - Education - Health Sciences - International Hotel and Tourism Management - International Studies - Law - Occupational Health and Safety - Politics, Philosophy and Economics - Psychological Science - Social Science - Social Work

STEP 2 | What does it mean?

Universities use lots of different terms that you might not have heard before. Here are some of the ones you might come across as you start thinking about what you'll study.

Prerequisites

Prerequisites are subjects you need to have completed before you can start studying at UQ. Every degree at UQ requires Year 12 English or Literature (or equivalent).

Completing these subjects prepares you to succeed in your chosen degree. The easiest way to complete these subjects is as part of Year 11 and 12. Some degrees also have additional requirements, such as an audition or aptitude test, which are detailed in the footnotes of Step 3.

Majors and minors

A major is a section of your degree where you focus on a particular area. Not all degrees offer majors, some offer a handful, and some offer a wide range. Other options include dual majors, which let you study two separate majors; an extended major, which goes into more depth; and minors, which are shorter than majors and can be studied alongside a major or extended major. To see what majors and/or minors are available for the programs you're interested in, visit the Future Students website.

Website future-students.uq.edu.au

Dual program

A dual program lets you study two bachelor's degrees at the same time, and in a shorter period than if you were studying them separately. This means you can study several areas of interest at once, gaining extra knowledge and skills to give you a competitive edge in the workforce. To apply for UQ dual programs, you need to satisfy subject



prerequisites and entry score requirements for both programs. To find out what dual programs are available, visit the Future Students website.

Website future-students.uq.edu.au

Admission pathways

If you don't get into your dream program straight away, don't despair. There are many pathways to UQ.

If your ATAR needs to be improved, you can study a related program at UQ as a pathway. Depending on your academic performance, your new entry rank could be significantly higher than your previous rank. If you're missing a prerequisite, you can also include it in your pathway program to avoid the need for separate bridging studies.

If you have not qualified for an ATAR, UQ College also offers bridging courses and associate degrees to help you meet your prerequisites or gain an entry score.

For more information on admission pathways, contact UQ Admissions.

Phone (07) 3365 2203
Email admissions@uq.edu.au
Website bit.ly/admission-pathways



STEP 3 | Discover your UQ program options

Now that you've explored the areas you're interested in, learn more about the exciting programs you can study at UQ, and what prerequisites you need to complete.

Explore your choices

Every degree has at least one prerequisite subject you need to complete before you enrol in the degree. This helps you develop the background knowledge you need to succeed in the program.

● Some courses are compulsory, which means you have to complete these before you start your degree. English/Literature is compulsory for all UQ degrees, and some degrees have other compulsory subjects as well.

●...● Some programs will give you a choice of subjects to complete. For instance, you might

need to complete one science subject, but you can choose whether you study Biology, Chemistry or Physics. The Bachelor of Advanced Science (Honours) has specific requirements – please see footnote ^ below.

R A few programs have subjects that are recommended but not compulsory. You don't have to complete these subjects to gain entry to the degree, but it will help with your prior knowledge.

Finally, certain degrees have more detailed prerequisites, such as an audition. See the footnotes below to find if these apply to the degree you're interested in.

< You can also choose from Agricultural Science, Earth and Environmental Science, Marine Science, or Psychology (Bachelor of Teaching (Primary) only).

* You will also need to complete an audition. For an audition to be at a competitive standard, the repertoire performed should be comparable to Australian Music Examinations Board (AMEB) Grade 7.

** You will also need to submit a teacher entry statement regarding your non-academic abilities – refer to the QTAC website.

*** This program is only offered as a dual program with Arts, Business Management, Mathematics, Music (Honours) or Science. You must meet the entry requirements for the non-education degree and submit a teacher entry statement regarding your non-academic abilities – refer to the QTAC website.

^ You will also need to sit the University Clinical Aptitude Test (UCAT).

** Provisional entry: you will need to sit the University Clinical Aptitude Test (UCAT ANZ), achieve an OP 1/Rank 99 and participate in multiple mini

interviews in the year of application. You will also need to have completed two university subject prerequisites and achieved the required Grade Point Average in your undergraduate degree at UQ.

Graduate entry: this option is for applicants who are not school leavers and have completed their undergraduate degree at any university. You will need to sit the GAMSAT, have completed two university subject prerequisites, participate in multiple mini interviews in the year of application and have achieved the required Grade Point Average in your undergraduate degree.

^ The prerequisites for the Bachelor of Advanced Science (Honours) are English/Literature, Mathematical Methods, plus two of Agricultural Science, Biology, Chemistry, Earth Science, Physics and Specialist Mathematics (at least one of which must be Chemistry or Physics).

** You will also need to complete a Situational Judgement Test (SJT) regarding your non-academic abilities.

Bachelor's program

English / Literature
 General Mathematics
 Mathematical Methods
 Specialist Mathematics
 Chemistry
 Physics
 Biology
 Additional subjects^c

AGRICULTURE AND ENVIRONMENT

Agribusiness	●	●.....●						
Agricultural Science (Honours)	●		●.....●					
Environmental Management (Honours)	●							
Environmental Science (Honours)	●		●		●.....●			
Equine Science	●							
Sustainable Agriculture	●	●.....●						
Veterinary Technology	●	●.....●						
Wildlife Science	●	●.....●						

ARCHITECTURE AND PLANNING

Architectural Design	●							
Regional and Town Planning	●							

ARTS, HUMANITIES AND SOCIAL SCIENCES

Advanced Humanities (Honours)	●							
Arts	●							
Communication	●							
Criminology and Criminal Justice (Honours)	●							
International Studies	●							
Journalism	●							
Music (Honours)*	●							
Social Science	●							

BUSINESS, ECONOMICS AND LAW

Business (Associate Degree in)	R	R						
Advanced Business (Honours)	●		●.....●					
Advanced Finance and Economics (Honours)	●		●.....●					
Business Management	●	●.....●	●.....●					
Commerce	●		●					
Economics	●		●					
International Hotel and Tourism Management	●	●.....●	●.....●					
Laws (Honours)	●							
Politics, Philosophy and Economics (Honours)	●		●.....●					

Bachelor's program

English /
Literature General
Mathematics Mathematical
Methods Specialist
Mathematics Chemistry Physics Biology Additional
subjects^c

EDUCATION

Education (Primary)**	●	●	●	●	●	●	●	●
Education (Secondary)***	●	●	●	●				

ENGINEERING AND COMPUTING

Computer Science	●		●					
Engineering (Honours)	●		●		●	●		
Engineering (Honours) / Master of Engineering	●		●		●	●		
Information Technology	●		●					

HEALTH, BEHAVIOURAL SCIENCES AND MEDICINE

Biomedical Science	●		●		●	●		
Clinical Exercise Physiology (Honours)	●				●	●	●	
Dental Science (Honours) ^x	●				●		R	
Exercise and Nutrition Sciences	●	●	●	●	●	●	●	
Exercise and Sport Sciences (Honours)	●				●	●	●	
Health Sciences	●				R	R	R	
Health, Sport and Physical Education (Honours)**	●	●	●	●	●	●	●	
Midwifery	●				●	●	●	
Nursing	●				●	●	●	
Occupational Health and Safety Science (Honours)	●		●		●	●	●	
Occupational Therapy (Honours)	●				●	●	●	
Pharmacy (Honours)	●	●	●	●	●			
Physiotherapy (Honours)	●				●	●	●	
Psychological Science (Honours)	●							
Social Work (Honours)	●							
Speech Pathology (Honours)	●				●	●	●	
Medicine (Doctor of) ^{xx}	●							

SCIENCE AND MATHEMATICS

Advanced Science (Honours) [^]	●		●	●	●	●	●	●
Biotechnology (Honours)	●		●		●	●		
Mathematics	●		●					
Science (Gatton)	●		●		●	●		
Science	●		●		●	●		
Veterinary Science (Honours) ^{^^}	●		●		●	●	●	

STEP 4

Make a plan for your future

Name: _____

Take a moment to think about your current high school subjects and list the subjects you enjoy the most.

- _____
- _____
- _____
- _____
- _____

Using the table in Step 1 and the UQ programs listed in Step 3, identify potential UQ programs that you may be interested in studying.

- _____
- _____
- _____
- _____
- _____

To be eligible to apply for these programs, list below the subjects that you will need to complete in Years 11 and 12.

- *English / Literature* _____
- _____
- _____
- _____
- _____
- _____

Step 5 outlines some of the resources available to you. List two useful actions you can take to help choose the program that is just right for you.

- _____
- _____

By completing this five-step guide, you'll be on your way to achieving your goal of a fulfilling career in:

- _____

STEP 5

Explore your future at UQ

Campus tours

Visit UQ to see what our campus lifestyle has to offer. You can book a guided tour of the St Lucia and Gatton campuses, or if you prefer to do your own thing, download our Walking Tour app to guide yourself around our world-class facilities and grounds.

Visit the website below to book a tour or download the app.

Phone (07) 3346 9872

Email ask@uq.edu.au

Website future-students.uq.edu.au/campus-tours

Meet like-minded peers

Young Scholars Program (YSP)

If you're a high-achieving high school student, YSP is an excellent opportunity to discover, learn and engage with UQ's academic community and like-minded students from across Queensland.

220 students are selected annually for the program, which involves a residential camp in Year 11 and an Open Day reunion in Year 12.

Phone (07) 3365 2835

Email youngscholars@uq.edu.au

Website young-scholars.uq.edu.au

Get a head start

Enhanced Studies Program (ESP)

Want to try out university before committing to tertiary study? With this free program, you complete a university course during Semester 1 of Year 12. You will receive one adjustment to your selection rank, and may receive credit for the course you completed if you go on to study at UQ. Some courses are available externally or via flexible delivery.

Visit us online for more information and application details.

Phone (07) 3346 7762

Email enhancedstudies@uq.edu.au

Website esp.uq.edu.au

Explore your options

St Lucia Open Day Sunday 4 August 2019

Gatton Open Day Sunday 18 August 2019

Find out about programs and courses, explore the campus and facilities, meet staff and current students, and enjoy a range of fun activities.

Website future-students.uq.edu.au/open-day

More information



Chat with us live

Our friendly student advisers are waiting to chat with you about study and life at UQ

future-students.uq.edu.au/ask



Give us a call

Ring our dedicated call centre or book a call back for support and advice

+61 7 3346 9872



Ask us a question

Email us your query and receive helpful advice about study and life at UQ

ask@uq.edu.au



Visit us online

Find out about your dream program, how to apply, scholarships, life at UQ and upcoming events

future-students.uq.edu.au

In the event of any conflict arising from information contained in this publication, the material approved by The University of Queensland Senate shall prevail.