2023

Master of Quantitative Biology (MQBiol)

Master of Quantitative Biology (MQBiol)

Program Code: 5716
Duration Options & Commencement:

32 units of study

2 year duration	*Semester 1 commencement only*
1.5 year duration – accelerated	*Semester 2 commencement only*

24 units of study and 8 units for prior learning

1.5 year duration	*Semester 2 commencement only*
1 year duration – accelerated	*Semester 1 commencement only*

Entry Requirements: Please refer to MQBiol future students page

Key Program Information

- Durations commencing in Semester 1 have orientation and program commencement in late January, earlier than the standard UQ Semester 1 dates.
- This program requires completion in accelerated mode for certain commencements listed above.
- Students will need to complete intensive courses in Teaching Periods that have different dates from the standard UQ Semesters. Please note the teaching periods in the study planner below and refer to Teaching Period dates here.
- Note that courses in Teaching Period 5 will need to be added under Semester 2 when students are enrolling on SI-Net
- Note that courses in Teaching Period 2 will need to be added under Semester 1 when students are enrolling on SI-Net
- Some courses in this program may contain enrolment restrictions requiring permission from the Head of School or other approvals. Students are required to email the School of Biological Sciences to gain approval for restricted courses before they can enrol on SI-Net.

Important Notes

The information contained in this document is intended as general advice only.

Students must follow the program rules & requirements listed on the Programs and Courses Website. This planner must be used in conjunction with your program duration course list and program rules.

Students need to check the prerequisites, incompatibilities and restrictions for all courses they select in their study plan. Future course offerings are subject to change.

This document is not intended as a progression or graduation check. For further information on progression or graduation checks, please contact your school.

Further Assistance

Check the Frequently Asked Questions (FAQ) page on this study planner document.

If you need further advice or have other questions, please contact:

School of Biological Sciences
Email: biology.enquiries@uq.edu.au
Phone: +61 7 3365 1937

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Master of Quantitative Biology (MQBiol)

2 year duration (32 units of study)

Students must follow the program rules & requirements listed on the Programs and Courses Website.

Semester 1 commencement (January)

Step 1 Start with the base study plan outlining Foundational Courses, Core Courses and Research Courses

Year 1				
1st Semester (Jan – Mar) *Teaching Period 2*	**QBIO7001** Foundations in Quantitative Biology *2 units – Core Course*			
1st Semester (Feb – Jun) *Semester 1*	**BIOL7020** Genes, Cells and Evolution *2 units – Foundational Course*	**MATH7050** Mathematical Foundations II *2 units – Foundational Course*	**Option** *2 units – Flexible Core Course* *OR* *Program Elective Coursework Course*	
2nd Semester (Jun – Aug) *Semester 2*	**CONS7008** Sampling Design & Analysis in Conservation Science *2 units – Foundational Course*	**Option** *2 units – Flexible Foundational Course*	**Option** *2 units – Program Elective Coursework Course*	**Option** *2 units – Program Elective Coursework Course*
Year 2				
3rd Semester (Feb – Jun) *Semester 1*	**Option** *2 units – Flexible Core Course*	**Option** *2 units – Flexible Core Course*	**Option** *2 units – Flexible Core Course*	**Option** *2 units – Flexible Core Course* *OR* *Program Elective Coursework Course*
4th Semester (Jun – Aug) *Teaching Period 5*	**QBIO7007** Introduction to Big Data Biological Research *2 units – Core Course*			
4th Semester (Jun – Aug) *Semester 2*	**QBIO7008** Research project in Quantitative Biology ***6 units** – Research Project Course*			

Course offered in multiple semesters

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Step 2 Decide on your Flexible Foundational Course, noting which semester the courses are offered in.

Students who have a background in science and/or mathematics may have covered the content of some Foundational Courses and may wish to apply for exemption of these courses. Please note exemption means you are not required to complete the course(s) you receive an exemption for, but you'll need to take another course(s) in its place.

Note: It is a student's responsibility to ensure they meet the program rules and follow the course list

Step 3 Decide on your Flexible Core Courses and/or Program Elective Coursework Courses for 1st and 3rd Semester, noting which semester the courses are offered in.

Note: Students choosing to complete a Flexible Core Courses in 1st semester are only able to select QBIO7006, unless they have exemption from Foundational Courses MATH7050 and CONS7008.

Step 4 Decide on your 3rd Semester options of a 4-unit research course (QBIO7009) or Program Elective Coursework Courses, noting which semester the courses are offered in.

Students in this duration cannot complete QBIO7009.

Step 5 Check prerequisites, incompatibilities, and restrictions for all courses you have selected in your study plan. You can click on the course codes above or find the course on the course list. You may need to adjust courses in your study plan if you have planned courses without prerequisite courses.

Some courses in this program may contain enrolment restrictions requiring permission from the Head of School or other approvals. Students are required to email the School of Biological Sciences to gain approval for restricted courses before they can enrol on SI-Net.

Please refer to the MQBiol course list for further information.

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Master of Quantitative Biology (MQBiol)
1.5 year duration (32 units of study) - accelerated

Students must follow the program rules & requirements listed on the Programs and Courses Website.

Semester 2 commencement (July)

Step 1 Start with the base study plan outlining Foundational Courses, Core Courses and Research Courses

Year 1					
1st Semester (Jul – Nov) *Semester 2*	**BIOL7020** Genes, Cells and Evolution *2 units – Foundational Course*	**MATH7050** Mathematical Foundations II *2 units – Foundational Course*	**CONS7008** Sampling Design & Analysis in Conservation Science *2 units – Foundational Course*	**Option** *2 units – Flexible Foundational Course*	
2nd Semester (Jan – Mar) *Teaching Period 2*	**QBIO7001** Foundations in Quantitative Biology *2 units – Core Course*				
2nd Semester (Feb – Jun) *Semester 1*	**Option** *2 units – Flexible Core Course*	**Option** *2 units – Flexible Core Course*	**Option** *2 units – Flexible Core Course*	**Option** *2 units – Flexible Core Course OR Program Elective Coursework Course*	**Option** *2 units – Flexible Core Course OR Program Elective Coursework Course*
Year 2					
3rd Semester (Jun – Aug) *Teaching Period 5*	**QBIO7007** Introduction to Big Data Biological Research *2 units – Core Course*				
3rd Semester (Jul – Nov) *Semester 2*	**QBIO7008** Research project in Quantitative Biology ***6 units** – Research Project Course*			**Option** ***4 units** – Research Course QBIO7009 OR Coursework Courses – see course list*	

Course offered in multiple semesters

Step 2 Decide on your Flexible Foundational Course, noting which semester the courses are offered in.

Students who have a background in science and/or mathematics may have covered the content of some Foundational Courses and may wish to apply for exemption of these courses. Please note exemption means you are not required to complete the course(s) you receive an exemption for, but you'll need to take another course(s) in its place.

Note: It is a student's responsibility to ensure they meet the program rules and follow the course list.

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Step 3 Decide on your Flexible Core Courses and/or Program Elective Coursework Courses for 2nd Semester, noting which semester the courses are offered in.

Step 4 Decide on your 3rd Semester option of a 4-unit research course (QBIO7009) or Program Elective Coursework Courses, noting which semester the courses are offered in.

Students wishing to complete QBIO7009 – Research Project must obtain a cumulative GPA of 5.5 or above over the first 12 units of QBIO courses.

Step 5 Check prerequisites, incompatibilities, and restrictions for all courses you have selected in your study plan. You can click on the course codes above or find the course on the course list. You may need to adjust courses in your study plan if you have planned courses without prerequisite courses.

Some courses in this program may contain enrolment restrictions requiring permission from the Head of School or other approvals. Students are required to email the School of Biological Sciences to gain approval for restricted courses before they can enrol on SI-Net.

Please refer to the MQBiol course list for further information.

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Master of Quantitative Biology (MQBiol)

1.5 year duration (24 units of study and 8 units for prior learning)

Students must follow the program rules & requirements listed on the Programs and Courses Website.

Semester 2 commencement

Step 1 Confirm you have received 8-units for approved prior learning. This will be on your offer letter and can also be viewed on your studies report via SI-Net. If you are unsure whether you have received approved prior learning, please contact: Faculty of Science

Step 2 Start with the base study plan outlining Core Courses and Research Courses

Year 1				
1st Semester (Jul – Nov) *Semester 2*	**Option** *2 units – Program Elective Coursework Course*	**Option** *2 units – Program Elective Coursework Course*	**Option** *2 units – Program Elective Coursework Course*	**Option** *2 units – Program Elective Coursework Course*
2nd Semester (Jan – Mar) *Teaching Period 2*	**QBIO7001** Foundations in Quantitative Biology *2 units – Core Course*			
2nd Semester (Feb – Jun) *Semester 1*	**Option** *2 units – Flexible Core Course*	**Option** *2 units – Flexible Core Course*	**Option** *2 units – Flexible Core Course*	
Year 2				
3rd Semester (Jun – Aug) *Teaching Period 5*	**QBIO7007** Introduction to Big Data Biological Research *2 units – Core Course*			
3rd Semester (Jul – Nov) *Semester 2*	**QBIO7008** Research project in Quantitative Biology ***6 units** – Research Project Course*			

Step 3 Decide on your Program Elective Coursework Courses for 1st Semester, noting which semester the courses are offered in.

Students in this duration cannot complete QBIO7009.

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Step 4 Decide on your Flexible Core Courses for 2nd Semester, noting which semester the courses are offered in.

Step 5 Check prerequisites, incompatibilities, and restrictions for all courses you have selected in your study plan. You can click on the course codes above or find the course on the course list. You may need to adjust courses in your study plan if you have planned courses without prerequisite courses.

Some courses in this program may contain enrolment restrictions requiring permission from the Head of School or other approvals. Students are required to email the School of Biological Sciences to gain approval for restricted courses before they can enrol on SI-Net.

Please refer to the MQBiol course list for further information.

2023

Master of Quantitative Biology (MQBiol)

1 year duration (24 units of study and 8 units for prior learning) – accelerated

Students must follow the program rules & requirements listed on the Programs and Courses Website.

January commencement

Step 1 Confirm you have received 8-units for approved prior learning. This will be on your offer letter and can also be viewed on your studies report via SI-Net. If you are unsure whether you have received approved prior learning, please contact: Faculty of Science

Step 2 Start with the base study plan outlining Core Courses and Research Courses

Year 1					
1st Semester (Jan – Mar) *Teaching Period 2*	**QBIO7001** Foundations in Quantitative Biology *2 units – Core Course*				
1st Semester (Feb – Jun) *Semester 1*	**Option** *2 units – Flexible Core Course*	**Option** *2 units – Flexible Core Course*	**Option** *2 units – Flexible Core Course*	**Option** *2 units – Flexible Core Course* *OR* *Program Elective Coursework Course*	**Option** *2 units – Flexible Core Course* *OR* *Program Elective Coursework Course*
2nd Semester (Jun – Aug) *Teaching Period 5*	**QBIO7007** Introduction to Big Data Biological Research *2 units – Core Course*				
2nd Semester (Jul – Nov) *Semester 2*	**QBIO7008** Research project in Quantitative Biology ***6 units** – Research Project Course*			**Option** ***4 units** –* *Research Course QBIO7009* *OR* *Coursework Courses – see course list*	

Step 3 Decide on your Flexible Core Courses and/or Program Elective Coursework Courses for 1st Semester, noting which semester the courses are offered in.

Step 4 Decide on your 2nd Semester option of a 4-unit research course (QBIO7009) or Program Elective Coursework Courses, noting which semester the courses are offered in.

Students wishing to complete QBIO7009 – Research Project must obtain a cumulative GPA of 5.5 or above over the first 12 units of QBIO courses.

Step 5 Check prerequisites, incompatibilities, and restrictions for all courses you have selected in your study plan. You can click on the course codes above or find the course on the course list. You may need to adjust courses in your study plan if you have planned courses without prerequisite courses.

Please refer to the MQBiol course list for further information.

Frequently Asked Questions (FAQ)

What is a prerequisite?

Please refer to: What does 'prerequisite' mean in a course profile?

What is a course profile?

Please refer to: What is a course profile?

Where can I find the electronic course profile (ECP)?

Please refer to: Where do I find the electronic course profile (ECP) for my course?

Where can I find the course coordinator?

The course coordinator can be found on the electronic course profile (ECP). Please refer to question "Where can I find the electronic course profile (ECP)?".

Can I study this program part-time?

International students on a student visa must study this program full-time, as per their visa conditions.

Domestic students may choose to complete the program part-time. Part-time students are required to develop their own study plan, however, if you would like assistance with this, please contact the School of Biological Sciences.

Can I study the Master of Quantitative Biology online?

Yes, this program has the option to be completed online for students who are unable to attend campus.

Where can I find project options for the QBIO7008 Research project course?

Please contact the School of Biological Sciences for research course options.

What is recognised prior learning or reduced duration credit?

Students commencing the Masters program with a relevant background may be eligible to enter a shorter duration program. These students may be eligible to enter a shorter duration program as they do not need to complete the foundational or background courses as they have covered this background content in their prior studies.

Students who are eligible to complete a reduced duration program are granted recognised prior learning. The unit value for prior learning is posted to a students account and, in conjunction with their studies, makes up the total unit value required for the program.

Students can review the entry requirements of the program to determine if they may be eligible for recognised prior learning, and apply via an online application (be sure to state recognised prior learning), or contact the Faculty of Science for further advice.