Master of Bioinformatics (MBioinf)

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Program Code: 5755
Duration Options:
2 year duration (32 units of study)
1.5 year duration (24 units of study and 8 units for prior learning)
1 year duration (16 units of study and 16 units for prior learning)
Entry Requirements: Please refer to MBioinf future students page

Key Program Information

- This program requires students to complete the equivalent of one semester of research as part of their studies.
- 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 Chemistry and Molecular Biosciences 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 out the Frequently Asked Questions (FAQ) page on this study planner document.

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

School of Chemistry and Molecular Biosciences
Email: enquiries@scmb.uq.edu.au
Phone: +61 7 3365 3925

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Master of Bioinformatics (MBioinf)
2 year duration

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

Semester 1 commencement

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

Year 1				
1st Semester (Feb – Jun) *Semester 1*	**Option** *2 units – Foundational Courses*	**Option** *2 units – Foundational Courses*	**BINF6000** Bioinformatics 1: Introduction *2 units – Core Course*	**STAT7174** Applications of Computational Statistics *2 units – Core Course*
2nd Semester (July – Nov) *Semester 2*	**Option** *2 units – Foundational Courses*	**Option** *2 units – Foundational Courses*	**BINF7000** Bioinformatics 2: Development & Research *2 units – Core Course*	**BINF7001** Advanced Genome Informatics *2 units – Core Course*
Year 2				
3rd Semester (Feb – Jun) *Semester 1*	**Option** *2 units – Program Elective Course*	**Option** *2 units – Program Elective Course*	**Option** *2 units – Program Elective Course*	**Option** *2 units – Program Elective Course*
4th Semester (July – Nov) *Semester 2*	**Option** *2 units – Research Project Course*	**Option** *2 units – Research Project Course*	**Option** *2 units – Research Project Course*	**Option** *2 units – Research Project Course*

Step 2 Decide on your Research Project Courses. Students must complete 8 units of research, with most students completing a single 8-unit semester long project. If you choose this option, enrol in **BIOX7008**. If you wish to take smaller research courses, you will need to consult the course list for the appropriate course codes.

Step 3 Decide on your Program Elective Courses, noting which semester they are offered in. Students who choose to complete research projects comprising 2-unit or 4-unit courses can swap their program elective courses and research courses in their final two semesters.

Step 4 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 at this step.

Please refer to the MBioinf course list for full course options.

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2 year duration

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Semester 2 commencement

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

Year 1				
1st Semester (July – Nov) *Semester 2*	**Option** *2 units – Foundational Courses*	**Option** *2 units – Foundational Courses*	**Option** *2 units – Foundational Courses*	**Option** *2 units – Foundational Courses*
2nd Semester (Feb – Jun) *Semester 1*	**BINF6000** Bioinformatics 1: Introduction *2 units – Core Course*	**STAT7174** Applications of Computational Statistics *2 units – Core Course*	**Option** *2 units – Program Elective Course*	**Option** *2 units – Program Elective Course*
Year 2				
3rd Semester (July – Nov) *Semester 2*	**BINF7000** Bioinformatics 2: Development & Research *2 units – Core Course*	**BINF7001** Advanced Genome Informatics *2 units – Core Course*	**Option** *2 units – Program Elective Course*	**Option** *2 units – Program Elective Course*
4th Semester (Feb – Jun) *Semester 1*	**Option** *2 units – Research Project Course*	**Option** *2 units – Research Project Course*	**Option** *2 units – Research Project Course*	**Option** *2 units – Research Project Course*

Step 2 Decide on your Research Project Courses. Students must complete 8 units of research, with most students completing a single 8-unit semester long project. If you choose this option, enrol in **BIOX7008**. If you wish to take smaller research courses, you will need to consult the course list for the appropriate course codes.

Step 3 Decide on your Program Elective Courses, noting which semester they are offered in. Students who choose to complete research projects comprising 2-unit or 4-unit courses can swap their program elective courses and research courses in their final two semesters.

Step 4 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 at this step.

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Master of Bioinformatics (MBioinf)

1.5 year duration

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

Semester 1 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 (Feb – Jun) *Semester 1*	**BINF6000** Bioinformatics 1: Introduction *2 units – Core Course*	**STAT7174** Applications of Computational Statistics *2 units – Core Course*	**Option** *2 units – Program Elective Course OR Foundational Course*	**Option** *2 units – Program Elective Course*
2nd Semester (July – Nov) *Semester 2*	**BINF7000** Bioinformatics 2: Development & Research *2 units – Core Course*	**BINF7001** Advanced Genome Informatics *2 units – Core Course*	**Option** *2 units – Program Elective Course OR Foundational Course*	**Option** *2 units – Program Elective Course*
Year 2				
3rd Semester (Feb – Jun) *Semester 1*	**Option** *2 units – Research Project Course*	**Option** *2 units – Research Project Course*	**Option** *2 units – Research Project Course*	**Option** *2 units – Research Project Course*

Step 2 Decide on your Research Project Courses. Students must complete 8 units of research, with most students completing a single 8-unit semester long project. If you choose this option, enrol in **BIOX7008**. If you wish to take smaller research courses, you will need to consult the course list for the appropriate course codes.

Step 3 Decide on your Program Elective Courses and/or Foundational Courses, noting which semester they are offered in. Students who choose to complete research projects comprising 2-unit or 4-unit courses can swap their program elective courses and research courses in their final two semesters.

Step 4 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 at this step.

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Master of Bioinformatics (MBioinf)

1.5 year duration

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 (July – Nov) *Semester 2*	**Option** *2 units – Program Elective Course OR Foundational Course*	**Option** *2 units – Program Elective Course OR Foundational Course*	**Option** *2 units – Program Elective Course*	**Option** *2 units – Program Elective Course*
2nd Semester (Feb – Jun) *Semester 1*	**BINF6000** Bioinformatics 1: Introduction *2 units – Core Course*	**STAT7174** Applications of Computational Statistics *2 units – Core Course*	**Option** *2 units – Research Project Course*	**Option** *2 units – Research Project Course*
Year 2				
3rd Semester (July – Nov) *Semester 2*	**BINF7000** Bioinformatics 2: Development & Research *2 units – Core Course*	**BINF7001** Advanced Genome Informatics *2 units – Core Course*	**Option** *2 units – Research Project Course*	**Option** *2 units – Research Project Course*

Step 2 Decide on your Research Project Courses. Students must complete 8 units of research, with most students completing an 8-unit two semester long project. If you choose this option, enrol in **BIOX7011**. If you wish to take smaller research courses, you will need to consult the course list for the appropriate course codes.

Step 3 Decide on your Program Elective Courses and/or Foundational Courses, noting which semester they are offered in. Students who choose to complete research projects comprising 2-unit or 4-unit courses can swap their program elective courses and research courses in their final two semesters.

Step 4 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 at this step.

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Master of Bioinformatics (MBioinf)
1 year duration

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

Semester 1 commencement

Step 1 Confirm you have received 16 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 (Feb – Jun) *Semester 1*	**Option** *2 units – Program Elective Course*	**Option** *2 units – Program Elective Course*	**Option** *2 units – Research Project Course*	**Option** *2 units – Research Project Course*
2nd Semester (July – Nov) *Semester 2*	**BINF7000** Bioinformatics 2: Development & Research *2 units – Core Course*	**BINF7001** Advanced Genome Informatics *2 units – Core Course*	**Option** *2 units – Research Project Course*	**Option** *2 units – Research Project Course*

Step 2 Decide on your Research Project Courses. Students must complete 8 units of research, with most students completing an 8-unit two semester long project. If you choose this option, enrol in **BIOX7011**. If you wish to take smaller research courses, you will need to consult the course list for the appropriate course codes.

Step 3 Decide on your Program Elective Courses, noting which semester they are offered in.

Step 4 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 at this step.

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Master of Bioinformatics (MBioinf)
1 year duration

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

Semester 2 commencement

Step 1 Confirm you have received 16 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 (July – Nov) *Semester 2*	**BINF7000** Bioinformatics 2: Development & Research *2 units – Core Course*	**BINF7001** Advanced Genome Informatics *2 units – Core Course*	**Option** *2 units – Research Project Course*	**Option** *2 units – Research Project Course*
2nd Semester (Feb – Jun) *Semester 1*	**Option** *2 units – Program Elective Course*	**Option** *2 units – Program Elective Course*	**Option** *2 units – Research Project Course*	**Option** *2 units – Research Project Course*

Step 2 Decide on your Research Project Courses. Students must complete 8 units of research, with most students completing an 8-unit two semester long project. If you choose this option, enrol in **BIOX7012**. If you wish to take smaller research courses, you will need to consult the course list for the appropriate course codes.

Step 3 Decide on your Program Elective Courses, noting which semester they are offered in.

Step 4 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 at this step.

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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 Chemistry and Molecular Biosciences.

Can I study the Master of Bioinformatics online?

No, this program requires mandatory in person attendance at the University of Queensland St Lucia campus.

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.