

## Bachelor of Science (Aquaculture Science and Technology)

Useful study planning/enrolment resources:

[Course and Subject Handbook](#)  
[Academic Calendars](#)  
[Class Registration](#)  
[Enrolment Resources](#)

The information in the study planner is current at the time of creation may be subject to future change.

**Attention International Student visa holders:** To remain compliant with your enrolments requirements as a Student visa holder you are required to enrol in at least one On-Campus, Multi-Modal or WIL subject offering in each compulsory study period and you cannot enrol in more than one third (33%) of your total course load through online or distance learning. To complete your course within your CoE duration students must maintain sufficient subject enrolment.

If there are only Online subject offerings for you to select in a compulsory study period, contact [enrolments@jcu.edu.au](mailto:enrolments@jcu.edu.au) urgently for enrolment advice.

**Student Resources:** If you require advice about your study plan, choosing electives, or which subjects to enrol in, please contact your major advisor or degree coordinator ([CSE Course and Major Advisors](#)). For information on available elective subject options please also refer to the Study Area guide ([2026 JCU STUDY AREA GUIDE — College of Science & Engineering](#)).

|      | TRIMESTER 1                                                                                                      | TRIMESTER 2                                                                                                                    | TRIMESTER 3                                                                                                                                                                                                 |
|------|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2026 | SC1101:03 Science, Technology and Truth                                                                          | CH1020:03 Preparatory Chemistry<br>(or any Level 1, 2, 3 or 5 subject if already satisfied via previous study)                 | SC1102:03 Modelling Natural Systems<br><i>PREREQ: MA1020 or MA0020 or Senior Mathematics or equivalent.</i><br><b>OR</b><br>SC1109:03 Modelling Natural Systems-Advanced<br><i>PREREQ: MA1000 or MA1009</i> |
|      | MA1020:03 Preparatory Mathematics<br>(or any Level 1, 2, 3 or 5 subject if already satisfied via previous study) | Elective subject from <b>List 1 (Breadth Subjects)</b><br><b>OR</b><br>Second Major Subject<br>(Depending on chosen structure) | <b>Major</b><br>BS1001:03 Introduction to Biological Processes                                                                                                                                              |
|      | <b>Major</b><br>BS1007:03 Introduction to Biodiversity                                                           |                                                                                                                                | Elective subject from <b>List 1 (Breadth Subjects)</b><br><b>OR</b><br>Second Major Subject<br>(Depending on chosen structure)                                                                              |

^Note: SC1109 is compulsory in the Advanced BSc Program and should be taken instead of SC1102 if you are considering that pathway.

|      | TRIMESTER 1                                                                                                                                                                                                                                                                                                                                                                                  | TRIMESTER 2                                                                                                | TRIMESTER 3                                                                                                |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| 2027 | <p>SC2202:03 Quantitative Methods in Science</p> <p><i>PREREQ: SC1102 OR SC1109 or admission to Bachelor of Business and Environmental Science or admission to 116209, 116309 or 116409</i></p> <p><b>OR</b></p> <p>SC2209:03 Quantitative Methods in Science-Advanced</p> <p><i>PREREQ: MA1003 and ((SC1109 plus 6 credit points of other Level 1 subjects) or admission in 116409)</i></p> | <p>Elective subject from <b>List 2 (Skills Subjects)</b></p>                                               | <p><b>Major</b></p> <p>MI2031:03 Diagnosis of Bacterial Diseases in Aquaculture</p>                        |
|      | <p><b>Major</b></p> <p>AQ2001:03 Introduction to Aquaculture</p> <p><i>PREREQ: At least 12 credit points of Level 1 science BS, BZ, CH, EA, EV, MA, MB, PH or SC subjects.</i></p>                                                                                                                                                                                                           | <p>Elective</p> <p><b>OR</b></p> <p>Second Major Subject</p> <p><i>(Depending on chosen structure)</i></p> | <p>Elective</p> <p><b>OR</b></p> <p>Second Major Subject</p> <p><i>(Depending on chosen structure)</i></p> |
|      | <p><b>Major</b></p> <p>BS2470:03 Evolution</p> <p><i>PREREQ: BZ1001 or BS1001 or BZ1005</i></p>                                                                                                                                                                                                                                                                                              |                                                                                                            | <p>Elective</p> <p><b>OR</b></p> <p>Second Major Subject</p> <p><i>(Depending on chosen structure)</i></p> |

|      | TRIMESTER 1                                                                                                                                                                                                                                                                                                                                                                                                                 | TRIMESTER 2                                                                                              | TRIMESTER 3                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2028 | <b>Major</b><br>AQ3002:03 Aquaculture: Feeds and Nutrition<br><i>PREREQ: At least 12 credit points of Level 2 AQ, BC, BZ, BS, CH, EA, EV, MA, MB or PH science subjects and 3 credit points of level 2 aquaculture subjects.</i>                                                                                                                                                                                            | <b>Major</b><br>AQ3015:03 Sustainable Aquaculture<br><i>PREREQ: 12 credit points of level 2 subjects</i> | SC3008:03 Professional Placement (TR1, TR2, TR3)<br><i>PREREQ: Students must have successfully completed 12 second year credit points.</i><br><b>OR</b><br>SC3003:03 Science Research Internship (TR1, TR2, TR3)<br><i>PREREQ: Admission to BAdvSc plus 15 credit points of AQ, BC, BS, BZ, CH, EV, EA, MA, MB, PH or SC Science Level 2 subjects. Students not admitted to BAdvSc must have 15 credit points of Science Level 2 subjects plus a GPA of 5.5 or above.</i> |
|      | <b>Major</b><br>AQ3003:03 Aquaculture: Propagation (TR1)<br><i>PREREQ: AQ2001 AND at least 12 credit points of Level 2 science AQ, BC, BS, BZ, CH, EA, EV, MA, MB, PH, or SC subjects.</i><br><b>OR</b><br>AQ3004:03 Aquaculture: Stock Improvement (TR2)<br><i>PREREQ: At least 12 credit points of Level 2 AQ, BC, BZ, CH, EA, EV, MA, MB or PH science subjects and 3 credit points of level 2 aquaculture subjects.</i> | Select 3 credit points of any Level 1, 2, 3 or 5 subjects                                                | Elective<br><b>OR</b><br>Second Major Subject<br><i>(Depending on chosen structure)</i>                                                                                                                                                                                                                                                                                                                                                                                   |
|      | Elective<br><b>OR</b><br>Second Major Subject<br><i>(Depending on chosen structure)</i>                                                                                                                                                                                                                                                                                                                                     |                                                                                                          | Elective<br><b>OR</b><br>Second Major Subject<br><i>(Depending on chosen structure)</i>                                                                                                                                                                                                                                                                                                                                                                                   |

## COURSE HANDBOOK

[Bachelor of Science](#)

[Aquaculture Science and Technology Major](#)