

## Bachelor of Science, Minor in Aquaculture, Minor in Biology Program Grid

**Note**: This program grid is provided for guidance only. Degree completion is based on courses completed successfully and is subject to all applicable requirements and procedures in effect. Students should consult the B.Sc. Degree Advisor to confirm program requirements for their chosen degree.

English 2   100-level English   3   1     MATH 121   Calculus I   3      BIOL 121   Intro. to Cellular and Molecular Biology   4      BIOL 123   Intro. to Cellular and Molecular Biology   4      CHEM 140   Chemistry Fundamentals I   4      CHEM 141 or 142   Chemistry Fundamentals I   4      CHEM 140   Chemistry Fundamentals I   4      AUA 300-499   Upper-Level Aquaculture Elective I   3   3   2     AQUA 300-499   Upper-Level Aquaculture Elective III   3   3   2     AQUA 300-499   Upper-Level Aquaculture Elective III   3   3   2     AQUA 300-499   Upper-Level Aquaculture Elective III   3 <th>Course Number</th> <th>Course Name</th> <th>Credits</th> <th>Upper- Level Credits</th> <th>Notes</th>	Course Number	Course Name	Credits	Upper- Level Credits	Notes
MATH 121   Calculus I   3	English 1	100-level English	3		1
MATH 122   Calculus II   3   4     BIOL 121   Introductory Zoology   4   4     BIOL 123   Intro. to Cellular and Molecular Biology   4   4     CHEM 140   Chemistry Fundamentals II   4   4     CHEM 141 or 142   Chemistry Fundamentals II   4   4     CHEM 141 or 142   Chemistry Fundamentals II   4   4     CHEM 121   Environmental Chemical Analysis   3   2     AQUA 300-499   Upper-Level Aquaculture Elective II   3   3   2     AQUA 300-499   Upper-Level Aquaculture Elective II   3   3   2     AQUA 300-499   Upper-Level Aquaculture Elective II   3   3   2     AQUA 300-499   Upper-Level Aquaculture Elective IV   3   3   3     AQUA 300-499   Upper-Level Aquaculture Elective IV   3   3   3     AQUA 300-499   Upper-Level Aquaculture Elective IV   3   3   3     BIOL 200, 202, 210, 212 or 223   200-Level Biology Elective IV   3   4     BIOL 300-499		100-level English			1
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BIOL 123   Intro. to Cellular and Molecular Biology   4   1     CHEM 140   Chemistry Fundamentals I   4   1     CHEM 141 or 142   Chemistry Fundamentals II   4   1     CHEM 212   Environmental Chemical Analysis   3   1     MATH 203 or 211   Biometrics or Statistics I   3   3   2     AQUA 300-499   Upper-Level Aquaculture Elective II   3   3   2     AQUA 300-499   Upper-Level Aquaculture Elective III   3   3   2     AQUA 300-499   Upper-Level Aquaculture Elective IVI   3   3   2     AQUA 300-499   Upper-Level Aquaculture Elective IVI   3   3   2     AQUA 300-499   Upper-Level Aquaculture Elective IVI   3   3   3   3     BIOL 200, 202, 210, 212 or 223   200-Level Biology Elective IVI   3   3   5     BIOL 200, 202, 210, 212 or 223   200-Level Biology Elective I   3   3   5     BIOL 300-499   Upper-Level Biology Elective II   3   3   5     BIOL 300-499	MATH 122		3		
CHEM 140   Chemistry Fundamentals I   4     CHEM 141 or 142   Chemistry Fundamentals II   4     CHEM 141 or 142   Environmental Chemistry Fundamentals II   4     CHEM 212   Environmental Chemistry Fundamentals II   4     CHEM 212   Environmental Chemistry Fundamentals II   3     MATH 203 or 211   Biometrics or Statistics I   3     AQUA 300-499   Upper-Level Aquaculture Elective II   3   3   2     AQUA 300-499   Upper-Level Aquaculture Elective III   3   3   2     AQUA 300-499   Upper-Level Aquaculture Elective III   3   3   2     AQUA 300-499   Upper-Level Aquaculture Elective III   3   3   2     AQUA 300-499   Upper-Level Biology Elective II   3   3   3     BIOL 201   Principles of Biochemistry   3   3   3   3     BIOL 200, 202, 210, 212 or 223   200-Level Biology Elective I   3   3   5     BIOL 300-499   Upper-Level Biology Elective II   3   3   5     BIOL 300-499   Uppe	BIOL 121	Introductory Zoology	4		
CHEM 141 or 142   Chemistry Fundamentals II   4     CHEM 212   Environmental Chemical Analysis   3     MATH 203 or 211   Biometrics or Statistics I   3     AQUA 300-499   Upper-Level Aquaculture Elective I   3   3   2     AQUA 300-499   Upper-Level Aquaculture Elective II   3   3   2     AQUA 300-499   Upper-Level Aquaculture Elective II   3   3   2     AQUA 300-499   Upper-Level Aquaculture Elective II   3   3   2     AQUA 300-499   Upper-Level Aquaculture Elective II   3   3   2     AQUA 300-499   Upper-Level Aquaculture Elective II   3   3   3   3     BIOL 201   Principles of Biochemistry   3   3   3   4     BIOL 200, 202, 210, 212 or 223   200-Level Biology Elective II   3   3   5     BIOL 300-499   Upper-Level Biology Elective II   3   3   5     BIOL 300-499   Upper-Level Biology Elective II   3   3   5     BIOL 300-499   Upper-Level Biology Elective V <td>BIOL 123</td> <td>Intro. to Cellular and Molecular Biology</td> <td>4</td> <td></td> <td></td>	BIOL 123	Intro. to Cellular and Molecular Biology	4		
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See notes on the next page /...

## NOTES:

- 1. The Degree English Requirement can be met as follows:
  - Two of ENGL 115, 125, 135, 204, or INTR 100; or,
  - LBST 111 and 112.
- 2. Upper-Level Biology Electives can be any AQUA course numbered 300-499.
  - Up to 6 credits may be chosen from FISH 371, 372, 391, 392, 490, or 491.
- 3. GEOG 357 and MGMT 381 can be used to meet the Non-Science Elective Requirement for the Bachelor of Science.
- 4. The 200-Level Biology Elective can be chosen from BIOL 200, 202, 210, 212 or 223.
  - Note: Students should check upper-level course prerequisites to guide selection of the 200-Level Biology Electives.
- 5. Upper-Level Biology Electives can be any BIOL course numbered 300-499.
- 6. Upper-Level Electives can be courses in any discipline numbered 300-499.
- 7. General Electives can be courses in any discipline numbered 100-499.