

# Life Sciences

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Students in Biology and Biotechnology normally follow the Business, Science, Technology, Engineering, and Mathematics (BSTEM) placement pathway.

Placements are generally available 2-3 days after students complete their SWC application. An email with your placements should be in your MySWC email. If not, log-in to your MySWC account and then click on this link, [My SWC Placements](#), to see your specific placements.

The course requirements list the classes needed to complete the program of study.

The placement level indicates your starting point in math or quantitative reasoning for your program of study. Students may use a single math course to fulfill General Education math/quantitative reasoning requirements, if applicable.

Individual situations and needs are different. **The math courses that are preferred for life science students can be different for different transfer institutions. SWC STRONGLY recommends speaking with a counselor** about your individual circumstances and goals when you are doing education planning.

# Course Recommendations

## General recommendation for your major:

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### *Students in your major take:*

- MATH 121 Applied Calculus I **and** MATH 122 Applied Calculus II

## BSTEM 1, 2, 3, and 4 Placement Level Recommendation

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### *Take one of the following pairings:*

- MATH 121\* Applied Calculus I **with** MATH 85\* (NC 285\*\*)

*The following non-transferable course option also exists:*

- MATH 72 Intermediate Algebra I and II

### **NOTE:**

MATH 72 Intermediate Algebra I and II (STEM/BUS) is not a required course. However, it teaches intermediate algebra skills for STEM and Business majors who have not taken Intermediate Algebra previously. Students who pass MATH 72 can go directly into MATH 121 without support.

## BSTEM 5 Placement Level Recommendation

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### *Take the following:*

- MATH 121 Applied Calculus I

## BSTEM 6 and 7 Placement Level Recommendation

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### *Take one of the following:*

- MATH 121 Applied Calculus I **or**
- MATH 250 Analytic Geometry and Calculus I

### **NOTE:**

MATH 250\* with MATH 87\*\* is available for concurrent review of Precalculus, Algebra, and Trigonometry.

## Endnotes

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\* MATH 81-87 are support courses. Look for paired sections with an S in the schedule, e.g. MATH 110-S01 and MATH 82-S01.

\*\* Noncredit (NC) MATH co-requisite support courses are equivalent to credit co-requisite support courses. The benefits of the courses include no tuition and not appearing on your credit transcript.

+ MATH 250 with support is recommended for students who have NOT completed Precalculus or those who want extra support.