

Mathematics Placement and Advising Worksheet

To determine an appropriate course for your first term at Linfield, first check the required courses for your area of interest. Below is a list of courses by area of interest, ONE of which you might consider taking in your first term. Please note that there may be additional math requirements for your potential major.

Mathematics courses you need to take at Linfield based on your area of interest:

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|-----------------------|---|
| Biology | Math 150; 170 recommended for most professional schools |
| Business | Math 160 or 170; 175 recommended for graduate school |
| Chemistry | Math 170 and 175 |
| Computer Science | Math 170, 230, and one of 175, 220, 250 |
| Data Science | Math 170 or 175 |
| Economics | Math 160 or 170; 175 recommended for graduate school |
| Environmental Studies | Policy focus: Math 160; Science focus: Math 170 |
| Exercise Science | Math 140 |
| Mathematics | Math 170, 175, and 200 |
| Physics | Math 170, 175, and 200 |
| Pre-Nursing | Math 140 |
| Public Health | Math 140 |

Placement Information

Which class should I take? Using the list above, determine the highest level math class you'd like to enroll in, and then check to see if you have met the pre-requisites.

- For placement in **Math 150: Pre-Calculus**, Did you do well (A or B) in high school algebra (often called Algebra II) or have above a 520 on the Math portion of the SAT?

☐ Yes- take Math 150

☐ No- take Math 105

- For placement in **Math 160: Finite Math with Calculus**, Did you do well (A or B) in high school algebra (often called Algebra II) or have above a 520 on the Math portion of the SAT?

☐ Yes- take Math 160

☐ No- take Math 105

- For placement in **Math 170: Calculus I**, Did you do well (A or B) in pre-calculus (includes trigonometry)?

☐ Yes- take Math 170

☐ No- take Math 150

- For placement in **Math 175: Calculus II**, Did you do well (A or B) in calculus? [Please see additional information below for students who have had calculus.]

☐ Yes- take Math 175

☐ No- take Math 170

- For placement in a class above **MATH 175: Calculus II**, please consult the math department.

Important information for students who have taken Calculus:

- Students receiving a 4 or 5 on the AP Calculus AB Exam should enroll in Math 175.
- Students receiving a 4 or 5 on the Calculus BC Exam should enroll in a 200-level course such as Math 200: Vector Calculus, Math 230: Discrete Mathematics, or Math 250: Linear Algebra.
- A student receiving credit for AP Calculus will not receive additional credits for taking Math 170.
- Students taking Math 175 will have any requirement for Math 170 waived. Students taking Math 200 will have any requirement for Math 170 or 175 waived.