

HOW DO I CHOOSE A MATH CLASS TO FOLLOW ALGEBRA II?

It helps to know what you want to do "when you grow up". You can look over this list (partial) of common majors to decide what you need to be prepared for college.

Majors requiring Pre-Calculus and Calculus

- Engineering
- Mathematics
- Computer Science
- Physics
- Chemistry

Majors requiring College Algebra

- Education
- Music
- Fine Arts
- English

Majors requiring Statistics

- Business
- Management
- Humanities
- Social Sciences
- Social Studies
- Mass Communication
- Life Sciences (Psychology, Medicine, Nursing, Veterinary Science, Pharmacy ...)
- Chemistry
- Political Science
- Education and Education Leadership
- Architecture
- Engineering
- Biology
- Bioinformatics
- Mathematics

Other ways to make your decision have to do with your current skill level in mathematics:

- *"Math is very difficult for me!"*
Choose Advanced Mathematical Decision Making (Liberal Arts Math) or College Algebra
- *college."*
"Math is hard, but I AM going to
Choose College Algebra!! It is a core requirement for about 99% of all majors and the high school program is much slower and more thorough than the equivalent course in college (1 year vs. 1 semester).
- *in science."*
"Math is easy & fun, and I will major
Choose Pre-Calculus and/or Calculus
- *social sciences."*
"I am interested in business or the
Choose Statistics!
- *medical field."*
"I want to do something in the
You will need both Pre-Calculus and Statistics!
- *just do formulas."*
"I like reason through problems, not
AMDM or Statistics are right for you!

It is important to know that in Pre-Calculus (Pre-AP and regular), students are expected to have mastered Algebra I & II as well as Geometry. College Algebra is the pre-requisite course in college for Pre-Calculus and is recommended for students needing more study to reach the required mastery of the topics in the above coursework. It is better to take College Algebra than to enter Pre-Calculus and have to struggle all year!

**** Remember that AMDM is NOT a college preparatory class and is not available as a dual credit option at this time.***