

# I'm interested in *Math!* What should I take this year?

## Name of program: Mathematics

First year students who are reasonably certain that they will major in this area should take:

	<i>Required/ Recommended</i>	<i>You might also consider....</i>
Fall	MATH 190: Discrete Math	MA180: Calc A for sure, if you didn't do this in high school.  MA 280: Calc B.  You could consider CS 128: Programming and Problem Solving, or PHYS 125: Analytical Physics I: Mechanics.
Spring	MATH 280: Calculus B	Sophomore Seminar, if you've done Discrete and the equivalent of Calc B.  Multivariate, if you've completed the equivalent of Calc B.  Symbolic Logic, which is wondrous stuff, but doesn't satisfy any requirements for the major.  A Student/Faculty Research project, after talking to the professor.

First year students who are still exploring many options, but are interested in perhaps further study in this area should behave like a major. Elementary Statistics (MATH 120) is also a valuable course for practically any human being, although statistics and mathematics are more different disciplines than many people realize.

*Does your department accept AP/IB courses for credit or advanced placement? Yes. We give 3 credits for a 4 or 5 on Calc A/B or for a 3 on Calc B/C, and 6 credits (total) for a 4 or 5 on Calc B/C. Calculus placement is not based on AP scores, but on what students are comfortable taking. OK with limits, derivatives, the basics of integration, and the Fundamental Theorem of Calculus? Then don't take Calc A.*