All courses below satisfy either the common or distribution core requirements in mathematics. Course descriptions can be in the catalog. Please feel free to contact any member of the mathematics faculty for further assistance in placing a student.

**MIS 120 3D PROGRAMMING AND ANIMATION**
Comments: Satisfies either the common or distribution in mathematics core requirement. No prior programming experience is required. 3 credits.

**MIS 126. PROGRAMMING I**
Prerequisite: MATH 111 or equivalent. 3 credits.
Comments: Satisfies the distribution core requirement in mathematics.

**Math 108. MATHEMATICAL PROBLEM SOLVING**
Prerequisite: One year of college preparatory mathematics that includes Algebra or Math 102 Elementary Algebra. For non-science and non-mathematics majors. 3 credits.
Comments: This is our mathematics for liberal arts course. Students typically have had one or two years of high school algebra. Do not place students who had calculus, pre-calculus or trigonometry in this course!

**Math 109. STATISTICS**
Prerequisite: One year of college preparatory mathematics that includes Algebra or Math 102 Elementary Algebra. 3 credits.
Comments: Statistics may be taken by students whose major requires it or who are not confident of their algebra skills.

**Math 111. PRECALCULUS I**
Prerequisite: Three years of college preparatory mathematics or Math 102 or permission of the department. 3 credits.
Comments: Generally taken by students who had Cs or better in their algebra courses. This course is called Elementary Functions at many colleges.

**Math 112. PRECALCULUS II**
Prerequisite: Math 111 or the equivalent or permission of the department. 3 credits.
Comments: A student may take Precalculus II without taking Precalculus I. Generally taken by students who had Bs or better in their algebra courses, but had very little or no trigonometry. The student must have knowledge of the topics listed in Precalculus I.

**MATH 118 MATHEMATICS FOR THE NATURAL SCIENCES**
Comments: Satisfies either the common or distribution in mathematics core requirement. 4 credits
This course has been designed for students, who wish to (or must) take calculus, but who are not prepared for college calculus based on our mathematics placement exam and department recommendation. A one term preparation course. Registration permitted only with mathematics department recommendation!

**Math 160. BUSINESS/APPLIED CALCULUS**
Comments: More applied and less theoretical than Calculus I, no knowledge of trigonometry required. Generally taken by students who had mostly Bs or better in their mathematics courses and do not wish to take any calculus courses beyond this course. Currently offered in the Winter term.

**Math 170. CALCULUS I**
Prerequisite: Three years of college preparatory mathematics that includes Algebra, Geometry and Trigonometry or permission of the department or Math 112. 4 credits.
Comments: High school Calculus is NOT required. Generally taken by students who had mostly Bs or better in high school algebra, precalculus, trigonometry, or calculus courses.

**Math 171. CALCULUS II**
Prerequisite: Math 170. 4 credits.
Comments: Must have advanced placement, or college credit for Calculus I or permission of the department.

**Math 209. STATISTICS II**
Prerequisite: Math 109. 3 credits.

7/13/2009