MATHEMATICS

The mathematics department offers both a major and a minor in mathematics. The major prepares students for graduate studies or employment in a quantitative field. In addition, a student may prepare for teaching high school mathematics by selecting the math-ed option. (Students interested in this option should consult with the department adviser as soon as possible, preferably before the start of classes.) The Departments of Mathematics and Economics offer a joint major.

Program Activities

The department sponsors student chapters of Pi Mu Epsilon (the national mathematics honors society) and MAA (Mathematical Association of America). In addition, the Math Club sponsors meetings on interesting topics in mathematics and career possibilities. There are opportunities for summer research projects.

For more information

Visit the Mathematics department web page.

Contribution to the Core

The Core Curriculum requirement in mathematical reasoning may be satisfied by one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1100</td>
<td>Finite Mathematics ¹</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1203</td>
<td>Applied Calculus I ¹</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1206</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 1207</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MATH 1700</td>
<td>Mathematical Modelling</td>
<td>4</td>
</tr>
</tbody>
</table>

¹ MATH 1100 Finite Mathematics and MATH 1203 Applied Calculus I have no college-level prerequisites

Majors in biology, chemistry, computer science, economics, general science, natural science, physics, and psychology should consult with their department advisers, as these majors have specific mathematics requirements. Students in the Gabelli School of Business (GSB) take MATH 1108 Math for Business: Finite and MATH 1109 Math for Business: Calculus. GSB students interested in a math minor should take MATH 1206 Calculus I or MATH 1207 Calculus II in place of MATH 1109 Math for Business: Calculus.

Incoming freshmen are placed in mathematics courses based on their standardized test scores and their high school transcript record.

Programs

- Mathematics Major
- Mathematics and Computer & Information Sciences Major
- Mathematics/Economics Major
- Mathematics Minor