Spring 2016  
Bachelor of Science in Mathematics

**BG Perspective (BGP) Requirements**

**Must complete at least 1 course in each of the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition and Oral Communication</td>
<td></td>
</tr>
<tr>
<td>Quantitative Literacy</td>
<td></td>
</tr>
</tbody>
</table>

**Must Complete at least 2 courses in each of the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities and the Arts</td>
<td></td>
</tr>
<tr>
<td>Natural Sciences</td>
<td></td>
</tr>
<tr>
<td>Social and Behavioral Sciences</td>
<td></td>
</tr>
</tbody>
</table>

Complete total required BGP credit hours by selecting courses from any of the above categories:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
</table>

**University Requirements**

Designated courses in Humanities and the Arts and the Social and Behavioral Sciences domains may be used to fulfill both the BGP requirement and one of the following university requirements:

- Cultural Diversity in the US
- International Perspective

**Composition Requirement:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GSW 1120 Academic Writing</td>
<td></td>
</tr>
</tbody>
</table>

Total BGP Credits: Must be at least 36

**Arts & Sciences Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreign Language (_____ yrs of HS_______)</td>
<td></td>
</tr>
<tr>
<td>Lab Science</td>
<td></td>
</tr>
</tbody>
</table>

**Quantitative Literacy**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EITHER MATH 1310 OR MATH 1340 &amp; MATH 1350</td>
<td></td>
</tr>
</tbody>
</table>

**Multidisciplinary Component**

Select from approved offerings, in consultation with an advisor and a faculty mentor. Four courses total, each with a different subject prefix. At least two courses at 3000/4000 level. Multidisciplinary component courses may not fulfill major, minor, or BGP requirements.

**Major Requirements** (35 Hrs. 2.0 GPA in major, required)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1310 Calculus &amp; Analytic Geometry I (QL)</td>
<td></td>
</tr>
<tr>
<td>MATH 2320 Calculus &amp; Analytic Geometry II</td>
<td></td>
</tr>
<tr>
<td>MATH 2350 Calculus &amp; Analytic Geometry III with Vector Fields</td>
<td></td>
</tr>
<tr>
<td>MATH 3220 Discrete Mathematics</td>
<td></td>
</tr>
<tr>
<td>MATH 3320 Elementary Linear Algebra</td>
<td></td>
</tr>
<tr>
<td>MATH 3370 Differential Equations</td>
<td></td>
</tr>
<tr>
<td>MATH 4030 Modern Algebra I</td>
<td></td>
</tr>
<tr>
<td>MATH 4340 or 4650 Analysis Requirement</td>
<td></td>
</tr>
</tbody>
</table>

Note: The MATH 1310 requirement may be met by taking MATH 1340-1350.
Note: The MATH 2350 requirement may be met by taking MATH 2330 and 2340.

Plus 2 additional 3000/4000 level courses (except MATH 3950, 4150, 4170, 4700, 4890, or 4950)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
</table>

The 2 additional courses must be chosen so that as a part of the major the student completes 2 courses from any 1 of the following groups.

- MATH 4010, 4030, 4040, 4320
- MATH 4510 & 4520
- MATH 4260 & 4270
- MATH 3130 & 4210
- MATH 4340, 4390, 4610, 4650, 4660
- MATH 4410, 4420, 4450, 4470

**Lab Science Sequence:** Students must take an approved Arts & Sciences lab science sequence.

**Minor Requirements** (usually 21 hours)

| Course                        | Credits |

**Electives and Non-Credit Courses**
Junior Audit Instructions

You must complete an official degree audit with a College Advisor during your junior year [60-89 hours]. To do so, you must schedule an appointment with a College Advisor. You should bring a completed copy of this check sheet and a current copy of your Degree Audit Reporting System (DARS) report.

For Graduation You Will Need:

1. Minimum GPA 2.00.

   Current GPA __________

2. 122 credit hours minimum.

   In Progress/Completed _________   Needed _________

3. A major, and if required, a minor, specialization or emphasis.

   Declared with the College Office   ☐ Yes   ☐ No

4. 40 credit hours at the 3000/4000 level.

   In Progress/Completed _________   Needed _________

5. Completion of all degree requirements, including the BG Perspective Requirement.

   In Progress/Completed _________   Needed _________

6. At least 30 credit hours of BGSU course work.

   In Progress/Completed _________   Needed _________

Any substitution or waiver of courses required for your major or minor program must originate in the department/school offering the major or minor and must be approved by the College Office.

To ensure a timely graduation, see a College Advisor during the semester prior to your intended graduation.

Remember to complete an Application for Graduation by the end of the second week of classes during the fall or spring semester, or by the end of the first week of the summer semester. For the specific dates, check your DARS. You may log onto MyBGSU to complete the online application. After the deadlines, you will need to complete an application in person in the College Office.

Student Contact Information:

Name (Print First & Last Name)            BGSU ID#

Street Address                     City        State        Zip Code

Phone (Cell or Local Number)            BGSU Email

Student’s Signature                Date                        Advisor’s Signature            Date