

Spring 2021 - current Bachelor of Science in Mathematics

BG Perspective (BGP) Requirements

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

English Composition and Oral Communication	
Course	Credits
_____	_____

Quantitative Literacy	
_____	_____

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

Humanities and the Arts	
_____	_____
_____	_____

Natural Sciences - at least one Lab Science required	
_____	_____
_____	_____

Social and Behavioral Sciences	
_____	_____
_____	_____

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

_____	_____
_____	_____
_____	_____
_____	_____

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:

WRIT 1120 Research Writing	_____
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Total BGP Credits: Must be at least 36 _____

Arts & Sciences Requirements

Foreign Language (____ yrs of HS _____)

_____	1010	_____
_____	1020	_____
_____	2010	_____
_____	2020/2120	_____

Lab Science

Quantitative Literacy

_____ EITHER MATH 1310 OR MATH 1340 & MATH 1350

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. Courses applied to the Arts & Sciences MDC may not be used to fulfill other Arts and Sciences degree requirements, nor may they be used to fulfill major, minor, BGP or other program requirements.

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Major Requirements (38 Hrs. 2.0 GPA in major, required)

Hrs	Grade	
5	_____	MATH 1310 Calculus & Analytic Geometry I (QL)
5	_____	MATH 2320 Calculus & Analytic Geometry II
4	_____	MATH 2350 Calculus & Analytic Geometry III with Vector Fields
3	_____	MATH 3220 Discrete Mathematics
3	_____	MATH 3280 Mathematical Foundations & Techniques
3	_____	MATH 3320 Elementary Linear Algebra
3	_____	MATH 3370 Differential Equations
3	_____	MATH 4030 Modern Algebra I
3	_____	MATH 4650 Intro to Real Analysis I

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)

3	_____	_____
3	_____	_____

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 4260 & 4270

MATH 4390, 4610, 4650, 4660

MATH 4410, 4420, 4450, 4470

MATH 4370, 4390, 4510

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

_____	_____	_____
_____	_____	_____

Minor Requirements (usually 21 hours)

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Electives and Non-Credit Courses

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Name (Print First & Last Name)

BGSU ID#

Phone (Cell or Local Number)

For Graduation You Will Need:

1. 122 credit hours minimum.

In Progress/Completed _____ **Needed** _____

2. Minimum GPA 2.00.

Current GPA _____

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

In Progress/Completed _____ **Needed** _____

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

In Progress/Completed _____ **Needed** _____

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

In Progress/Completed _____ **Needed** _____

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

Declared with the College Office **Yes** **No**

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 semester or spring regular session, 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.