

**2009/10 Bachelor of Science Junior Audit for  
Mathematics  
Applied Mathematics Specialization**

**College of Arts & Sciences**  
205 Administration Building  
419-372-2015

**Mathematics/Statistics**  
450 Math/Science Building  
419-372-2636

Name \_\_\_\_\_ BGSU ID \_\_\_\_\_

Return Address \_\_\_\_\_

Phone Number \_\_\_\_\_ Expected Date of Graduation \_\_\_\_\_

BG Perspective Requirements: 2 Natural Sciences \_\_\_\_\_, 2 Social Sciences \_\_\_\_\_,  
2 Arts & Humanities \_\_\_\_\_, International Perspective \_\_\_\_\_, Cultural Diversity \_\_\_\_\_,  
GSW 1120 \_\_\_\_\_  
*These courses may apply toward the requirements listed below*

**I. English Composition** (Only 6 hours GSW 1100, 1110, 1120 will apply towards graduation)

Hrs	Grade	
_____	_____	GSW 1100/1110
_____	_____	GSW 1120

**II. Foreign Language** (\_\_\_\_\_ yrs HS \_\_\_\_\_)  
(Courses used for the foreign language requirement may not be used for major or minor requirements)

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

**III. Science & Math**

45 hours in 2 or more areas including major and lab science sequence

_____	_____	MATH 1310 (or 1340 & 1350)
_____	_____	Lab Science Sequence _____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

**IV. Social Sciences**

Choose 4 courses

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

**V. Arts & Humanities**

4 courses, at least 1 literature and 1 fine art

_____	_____	Literature _____
_____	_____	Fine Arts _____
_____	_____	_____
_____	_____	_____

**Major Requirements** (38 hours; 2.0 GPA in courses listed below)

Hrs	Grade	
_____	_____	MATH 1310 Calculus & Analytic Geometry I
_____	_____	MATH 2320 Calculus & Analytic Geometry II
_____	_____	MATH 2350 Calculus & Analytic Geometry III with Vector Fields
_____	_____	MATH 3220 Discrete Mathematics
_____	_____	MATH 3320 Elementary Linear Algebra
_____	_____	MATH 3370 Differential Equations
_____	_____	MATH 4320 Linear Algebra w/ applications
_____	_____	MATH 4340 or 4650 Analysis Requirement
_____	_____	MATH 4510 or CS 4510 Numerical Analysis
_____	_____	MATH 4410 Probability & Statistics 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 1 course from the following**

_____	_____	MATH 4370, 4390, 4420, 4450, 4470, 4520 or CS 4520
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**Also required**

_____	_____	PHYS 2110 University Physics I
_____	_____	PHYS 2120 University Physics II
_____	_____	CS 1010 Introduction to Programming

**Minor Requirements** (usually 21 hours)

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

**Electives and Non-Credit Courses**

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

*Note important information on other side*

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**INSTRUCTIONS:**

The check sheet on the other side of this page must be completed, signed by your ***Faculty Advisor*** and returned to the College Office during your ***junior*** year (60-89 hrs.). Your academic records will be reviewed by a ***College Advisor*** and a detailed notice of remaining graduation requirements will be returned to you. Lists of the courses that meet the degree requirements may be obtained from the College Office.

FOR GRADUATION YOU WILL NEED

1. Minimum GPA 2.00
2. 122 credit hours minimum, and,
3. A major, and if required, a minor, specialization or emphasis
4. 40 credit hours at the 3000/4000 level
5. Completion of all degree requirements, including the BG Perspective Core
6. At least 30 credit hours of BGSU course work
7. An official audit completed during the junior year, on file in the College Office

Any substitution or waiver of courses required for your major program ***must*** originate in the department/school offering the major program 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 and spring semesters, or by the end of the first week of the summer semester. For the specific dates, check with the College office or the Office of Registration and Records. You may log onto ***MyBGSU*** to complete the on-line application. After the deadlines, you will need to complete an application in person in the College office.

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Faculty Advisor's Signature

Date

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Student's Signature

Date