Program Change Request

Date Submitted: 03/02/26 10:18 am

Viewing: SC-BA-MATH : Mathematics, BA

Last approved: 04/28/25 5:15 pm

Last edit: 03/02/26 10:18 am

Changes proposed by: jbazaz

Catalog Pages Using this Program

Mathematics, BA

No Longer

Anticipated closure

Are you completing this form on someone else's behalf? Yes

Requestor:

Name	Extension	Email
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Effective Catalog: 2026-2027

Program Level: Undergraduate

Program Type: Bachelor's

Degree Type: Bachelor of Arts

Title: Mathematics, BA

In Workflow

1. MATH Chair
2. SC Curriculum Committee
3. SC Assistant Dean
4. Assoc Provost-Undergraduate
5. Registrar-Programs

History

1. Nov 21, 2017 by clmig-jwehrheim
2. Jan 17, 2018 by rzachari
3. Feb 7, 2018 by rzachari
4. Mar 24, 2020 by Jennifer Bazaz Gettys (jbazaz)
5. Apr 28, 2025 by Jennifer Bazaz Gettys (jbazaz)

Banner Title:	Mathematics, BA
Registrar/OAPI Use Only – SCHEV Status	Approved
Registrar's Office Use Only – Program Start Term	
Registrar/OAPI Use Only – SCHEV Letter	
Registrar/OAPI Use Only – SACSCOC Status	
Concentration(s):	
Registrar/IRR Use Only – Concentration CIP Code	
College/School:	College of Science
Department / Academic Unit:	Mathematical Sciences
Jointly Owned Program?	No
Is there an embedded degree	

as part of a program?

Justification

What: Requiring minimum GPAs to transfer into the program.

Why: To set students up for success before transferring into the program.

Total Credits Required: Total credits: minimum 120

Registrar's Office Use Only - Program Code:

SC-BA-MATH

Registrar/IRR Use Only – Program CIP Code

Admission Requirements:

Admissions

University-wide admissions policies can be found in the Undergraduate Admissions Policies section of this catalog. To apply for this program, please complete the George Mason University Admissions Application.

Transferring into the Mathematics, BA[1]

Students transferring into the Mathematics, BA are required to meet the following criteria:

1. Holding a minimum cumulative GPA of 2.0, and
2. Holding a minimum GPA of 2.5 in mathematics coursework.

1 This does not apply to newly admitted George Mason students or to students who do not have prior college-level coursework on their record.

Program-Specific Policies:

Policies

Students must fulfill all Requirements for Bachelor's Degrees, including the Mason Core. As outlined in the Requirements tab, students in this bachelor's program must also complete the additional College Requirements for the BA Degree.

MATH 300 Introduction to Advanced Mathematics(Mason Core) meets the writing intensive requirement for this major.

For policies governing all undergraduate programs, see AP.5 Undergraduate Policies.

Graduating seniors are required to have an exit interview.

Course Recommendations and Policies

Students intending to enter graduate school in mathematics are strongly advised to take MATH 315 Advanced Calculus I and MATH 321 Abstract Algebra.

Students may not receive credit for both MATH 214 Elementary Differential Equations and MATH 216 Theory of Differential Equations; both MATH 213 Analytic Geometry and Calculus III and MATH 215 Analytic Geometry and Calculus III (Honors); both MATH 351 Probability and STAT 344 Probability and Statistics for Engineers and Scientists I; and both MATH 352 Statistics and STAT 354 Probability and Statistics for Engineers and Scientists II.

After receiving a grade of 'C' or better in one of the courses listed below on the left, students may not receive credit for the corresponding course on the right:

Course	May Not Receive Credit for
MATH 113 or MATH 123	MATH 105 or MATH 108
MATH 351 or STAT 344	MATH 110
MATH 441	MATH 111

Degree Requirements: Students should refer to the Admissions & Policies tab for specific policies related to this program.

A maximum of 6 credits of grades below 2.00 in coursework designated MATH or STAT may be applied toward the major.

Required Courses

Core Courses		
MATH 113	Analytic Geometry and Calculus I(Mason Core)	4
MATH 114	Analytic Geometry and Calculus II	4
MATH 125	Discrete Mathematics I(Mason Core)	3
MATH 203	Linear Algebra	3
MATH 213	Analytic Geometry and Calculus III	3
or MATH 215	Analytic Geometry and Calculus III (Honors)	
MATH 214	Elementary Differential Equations	3
or MATH 216	Theory of Differential Equations	
MATH 300	Introduction to Advanced Mathematics(Mason Core) [1]	3
MATH 322	Advanced Linear Algebra	3
Total Credits		26

1 Fulfills the writing intensive requirement.

Additional Mathematics

Select 12 credits in MATH 300-level or higher [1,2]	12
Total Credits	12

1
Excluding MATH 400 History of Math (Topic Varies)(Mason Core).
2
Up to 3 credits in MATH 490 Internship and 6 credits in MATH 491 Reading and Undergraduate Research in Mathematics can be applied to this requirement. A total of 12 credits between MATH 490 Internship and MATH 491 Reading and Undergraduate Research in Mathematics can be applied to the degree via this requirement and any elective credits.

Retroactive Requirements Updates:

Plan of Study:

Honors Information: Honors in the Major

Eligibility

Mathematics majors who have maintained a GPA of at least 3.50 in mathematics courses and a GPA of 3.50 in all courses taken at George Mason University may apply to the departmental honors program upon completion of two MATH courses at the 300+ level (excluding MATH 400 History of Math (Topic Varies)(Mason Core)), at least one of which has MATH 300 Introduction to Advanced Mathematics(Mason Core) as a prerequisite. Admission to the program will be monitored by the undergraduate committee.

Honors Requirements

To graduate with honors in mathematics, a student is required to maintain a minimum GPA of 3.50 in mathematics courses and successfully complete MATH 405 Honors Thesis in Mathematics I and MATH 406 RS: Honors Thesis in Mathematics II with an average GPA of at least 3.50 in these two courses.

Accelerated Description/Dual Degree Description:

INTO-Mason Requirements:

College Requirements & Policies:

Department / Academic Unit

Requirements & Policies:

Program Outcomes

Additional Program Information

This information is required by the Office of Accreditation and Program Integrity.

Courses offered via distance (if applicable):

Indicate whether

What is the primary delivery format for the program? Face-to-Face Only

Does any portion of this program occur off-campus?

No

Are you working with a vendor / other collaborators to offer your program?

No

Related Departments

Could this program prepare students for any type of professional licensure, in Virginia or elsewhere?

No

Are you adding or removing a licensure component?

No

Additional SCHEV & SACSCOC Information

Is the content of the new
Which existing approved
Is this new program considered
Which existing approved
Is this new program considered
Which existing approved
Is this a re-opening of a prograr
Date of Program Closure
What are the methods of
Does this program include a

Is this change a simple retitling of an existing program, with no other changes, to any existing program content, curriculum requirements, etc?

No

Does this change represent a repackaging of content in an existing approved degree/certificate program at the same instructional level (i.e., baccalaureate, master's, or doctoral)?

No

Which existing approved

Percentage of total credits containing new course content. ("New course content" is defined by SACSCOC as content that is not currently included in an existing approved degree/certificate program at the same instructional level. Do not exclude gen ed credits in calculations for undergraduate programs.)

0%-24%

Does this change include the addition of a distance education or face-to-face method of delivery for this program?

No

What is the new method of

Does this change include the addition of a course/credit-based competency-based education delivery option?

No

Will any additional equipment/facilities be needed?

No

Description of institutional

Will any additional faculty be required?

No

Description of institutional

Will any additional financial resources be needed?

No

Description of institutional

Additional library/learning resources needed?

No

Description of institutional

Have you reached out to the Libraries to determine whether there are adequate resources to support your program? If not, please email Meg Meiman, Associate University Librarian for Learning, Research, and Engagement at mmeiman2@gmu.edu.

OAPI Use Only – Determination of SACSCOC Impact

Comments or Notes

Green Leaf Program Designation

Is this a Green Leaf program? No

Green Leaf
Sustainability-focused academic proa
Relationship to
Relationship to
List sustainability-
Sustainability related academi
List sustainability-

Does this program cover material which crosses into another department?

No

Impacted

Additional Attachments

UGC-COS-Program-Mod-bamatheducation_0016.pdf
UGC-COS-Program-Mod-bamath_001.pdf

SCHEV Proposal

Executive Summary

Reviewer Comments

Additional Comments

Is this course required of all students in this degree program?

%wi_required.eschtml%

Attached

Key: 586