

Program Change Request

Date Submitted: 09/28/21 11:43 am

Viewing: : **Mathematics, BA or BS/Mathematics, Accelerated MS**

Last approved: 03/02/21 1:41 pm

Last edit: 12/01/21 5:44 pm

Changes proposed by: jbazaz

Catalog Pages

Using this Program

[Mathematics, BA](#)

[Mathematics, BS](#)

[Mathematics, MS](#)

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

No

Effective Catalog: 2022-2023

Program Level: Undergraduate & Graduate (BAMs)

Program Type: Bachelor's/Accelerated Master's

Title:

Mathematics, BA or BS/Mathematics, Accelerated MS

Registrar's Office

Use Only –

Program Start Term

Registrar/OAPI Use

Only – SACSCOC

Status

Concentration(s):

College/School: College of Science

Department / Academic Unit: Mathematical Sciences

Jointly Owned Program? No

Justification

In Workflow

1. Registrar-Programs:Workflow Review
2. MATH Chair
3. SC Curriculum Committee
4. SC Associate Dean
5. Assoc Provost-Graduate
6. Assoc Provost-Undergraduate
7. Registrar-Programs

Approval Path

1. 09/30/21 10:05 am
Tory Sarro (vsarro):
Approved for Registrar-Programs:Workflow Review
2. 12/01/21 5:51 pm
Maria Emelianenko (memelian):
Approved for MATH Chair

History

1. Nov 2, 2017 by
clmig-jwehrheim
2. Mar 2, 2021 by
Jennifer Bazaz
Gettys (jbazaz)

What: Adding an "or" instead of an "and" between earning the BA and BS in addition to the MS. Adding clarifying language about the 12 overlapping credits.

Why: It was noted that the sentence could be clearer, indicating that the 12 credits count toward both the undergraduate AND graduate degrees.

Catalog Published Information

**Accelerated
Description/Dual
Degree
Description:**

Mathematics, BA or BS/Mathematics, Accelerated MS

Overview

This bachelor's/accelerated master's degree program allows academically strong undergraduates with a commitment to advance their education to obtain **both** the [Mathematics, BA](#) **or** ~~and~~ [Mathematics, BS](#) and the [Mathematics, MS](#) degrees within an accelerated timeframe. Upon completion of this 138 credit accelerated program, students will be exceptionally well prepared for entry into their careers or into a doctoral program in the field or in a related discipline.

Students are eligible to apply for this accelerated program once they have earned at least 60 undergraduate credits and can enroll in up to 18 credits of graduate coursework after successfully completing 75 undergraduate credits. This flexibility makes it possible for students to complete a bachelor's and a master's in five years.

For more detailed information, see [AP.6.7 Bachelor's/Accelerated Master's Degrees](#). For policies governing all graduate degrees, see [AP.6 Graduate Policies](#). For more information on undergraduates enrolling in graduate courses, see [AP.1.4.4 Graduate Course Enrollment by Undergraduates](#).

Application Requirements

Applicants to all graduate programs at George Mason University must meet the admission standards and application requirements for graduate study as specified in the [Graduate Admission Policies](#) section of this catalog. Important application information and processes for this accelerated master's program can be found [here](#). Students should seek out the graduate program's advisor who will aid in choosing the appropriate graduate courses and help prepare the student for graduate studies.

Successful applicants will have an overall undergraduate GPA of at least 3.00. Additionally, they will have completed the following courses with a GPA of 3.00 or higher:

MATH 315	Advanced Calculus I	3
MATH 321	Abstract Algebra	3
MATH 322	Advanced Linear Algebra	3

Accelerated Option Requirements

After the completion of 75 undergraduate credits, students may complete 3 to 12 credits of graduate coursework that can apply to both the undergraduate and graduate degrees.

In addition to applying to graduate from the undergraduate program, students in the accelerated program must submit a bachelor's/accelerated master's transition form (available from the [Office of the University Registrar](#)) to the [College of Science's Office of Academic and Student Affairs](#) by the last day to add classes of their final undergraduate semester. Students should enroll for courses in the master's program in the fall or spring semester immediately following conferral of the bachelor's degree, but should contact an advisor if they would like to defer up to one semester.

Students must maintain an overall GPA of 3.00 or higher in all graduate coursework and should consult with their faculty advisor to coordinate their academic goals.

Reserve Graduate Credit

Accelerated master's students may also take up to 6 graduate credits as reserve graduate credits. These credits do not apply to the undergraduate degree, but will reduce the master's degree by up to 6 credits. With 12 graduate credits counted toward the undergraduate **and graduate degrees degree** plus the maximum 6 reserve **graduate graduate** credits, the credits necessary for the **graduate degree graduate-degree** can be reduced by up to 18.

Graduate Course Suggestions

The following list of suggested courses is provided for general reference. To ensure an efficient route to graduation and post-graduation readiness, students are strongly encouraged to meet with an advisor before registering for graduate-level courses.

MATH 621	Algebra I	3
MATH 631	Topology I: Topology of Metric Spaces	3
MATH 675	Linear Analysis	3
MATH 677	Ordinary Differential Equations	3
MATH 685	Numerical Analysis	3

Program Outcomes

OAPI Use Only – Determination of SACSCOC Impact

Comments or Notes

Additional Attachments

**Reviewer
Comments**

**Additional
Comments**

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

%wi_required.eshtml%

Key: 265