

Program Change Request

Date Submitted: 12/10/20 3:05 pm

Viewing: **MATH : Mathematics Minor**

Last approved: 03/24/20 10:33 am

Last edit: 01/12/21 7:18 pm

Changes proposed by: jbazaz

Catalog Pages
Using this Program
[Mathematics Minor](#)

2021 2022
Rationale for

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

No

Requester:

Effective Catalog: 2021-2022

Program Level: Undergraduate

Program Type: Minor

Degree Type:

Title:
Mathematics Minor

Banner Title: Mathematics Minor

Is this a retitling of
an existing

In Workflow

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

Approval Path

1. 12/10/20 5:37 pm
Johanna Riemen
(jriemen): Approved
for Registrar-
Programs:Workflow
Review
2. 12/16/20 3:48 pm
David Walnut
(dwalnut):
Approved for MATH
Chair

History

1. Nov 17, 2017 by
clmig-jwehrheim
2. Feb 7, 2018 by
Rebekah Zacharias
(rzachari)
3. Mar 24, 2020 by
Jennifer Bazaz
Gettys (jbazaz)

Existing Program

Registrar/OAPI Use
Only – SCHFV

Registrar's Office

Use Only –

Program Start Term

Registrar/OAPI Use

Only – SCHFV

Registrar/OAPI Use

Only – SACSCOC

Status

Concentration(s):

INTO Major(s):

Registrar/IRR Use

Only –

College/School: College of Science

**Department /
Academic Unit:** Mathematical Sciences

**Jointly Owned
Program?** No

Participating

Participating

Justification

Replacing MATH 290 with MATH 300 as 300 took 290'S place and is being inactivated.

Catalog Published Information

**Total Credits
Required:** Total credits: 21

Registrar's Office Use Only - Program Code:

MATH

Registrar/IRR Use
Only – Program CIP
Code

**Admission
Requirements:**

**Program-Specific
Policies:**

Policies

Eight credits of coursework must be unique to the minor. For policies governing all minors, see [AP.5.3.4 Minors](#). Students must earn a minimum 2.00 GPA in courses applied to the minor.

Degree Requirements:

Students should refer to the [Admissions & Policies](#) tab for specific policies related to this program.

Required Courses

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 290	Introduction to Advanced Mathematics 1	3
or MATH 300	Introduction to Advanced Mathematics	
MATH 300	Introduction to Advanced Mathematics	3
Total Credits		15

1 Students must earn a 2.00 or higher in either [MATH 290](#) Introduction to Advanced Mathematics or [MATH 300](#) Introduction to Advanced Mathematics.

Mathematics Elective

Select 3 credits from the following: 1		3
MATH 315	Advanced Calculus I	
MATH 321	Abstract Algebra	
MATH 322	Advanced Linear Algebra	
Total Credits		3
1	Students must earn a 2.00 or higher	

General Elective

Select 3 credits from the following:		3
One 3-credit math course at the 300 or 400 level 1		
STAT 344	Probability and Statistics for Engineers and Scientists I	
Total Credits		3
1	Excluding MATH 400 History of Math (Topic Varies) (Mason Core)	

Retroactive Requirements Updates:

Plan of Study:

**Honors
Information:**

**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**

**Indicate whether
students are able**

**What is the
primary delivery
format for the
program?**

Does any portion of this program occur off-campus?

Off-campus details:

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

Please explain:

**Related
Departments**

Could this program prepare students for any type of professional licensure, in

Additional SCHEV & SACSCOC Information

Are you changing the total number of credits required for this program?

Are you changing the delivery format in any way (e.g adding an online option)?

Are you adding/removing a licensure option which was approved by SCHEV?

Will any portion of this program be offered at an off-campus location?

What off-campus location(s)? List all

What percentage of credits toward this program are offered at the off-campus location(s)?
Please list percentages by site (i.e. 15% at Site A, 35% at Site B etc.)

Will this program change affect any specialized accreditation?

Is the content of the new program closely related to that of an existing approved program?

Which existing approved program(s)?

Is this new program considered to be "advancing the degree level of a currently approved program" (i.e. existing content is at lower degree level, new content is at the higher degree level)?

Which existing approved program(s)?

Is this new program considered to be "lowering the degree level of a currently approved program" (i.e. existing content is at higher degree level, new content is at the lower degree level)?

Which existing approved program(s)?

Does this change represent a repackaging of content in an existing approved degree/certificate program?

OAPI Use Only – Determination of SACSCOC Impact

Comments or Notes

Green Leaf Program Designation

Is this a Green Leaf program? No

Green Leaf Designation

Sustainability-focused academic programs require at least one green leaf course. Either that course is itself sustainability-focused or else the program requires a set of sustainability-related courses with aggregated

Relationship to Existing Courses

Relationship to Existing Programs

List sustainability-focused courses currently required in the degree

Sustainability-related academic programs either require at least one sustainability-related course or else offer any green leaf course as an option or elective *

List sustainability-related courses currently required in the degree

Does this program cover material which crosses into another department?

No

Impacted Departments

Additional Attachments

SCHEV Proposal Executive Summary

**Reviewer
Comments**

**Additional
Comments**

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

%wi_required.eshtml%

**Attached
Document**

Key: 560