

Program Change Request

Date Submitted: 11/15/20 9:38 pm

Viewing: **PLEO : Paleontology Minor**

Last approved: 01/09/20 3:01 pm

Last edit: 11/15/20 9:40 pm

Changes proposed by: jbazaz

**Catalog Pages
Using this Program**
[Paleontology Minor](#)

2021 2022
Rationale for

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

Yes

Requestor:

In Workflow

1. Registrar-
Programs:Workflow
Review (P.O.)
2. Registrar-
Programs:Workflow
Review
3. AOES Committee
4. AOES Chair
5. SC Curriculum
Committee
6. SC Associate Dean
7. Assoc Provost-
Undergraduate
8. Registrar-Programs

Approval Path

1. 11/16/20 9:07 am
Tory Sarro (vsarro):
Approved for
Registrar-
Programs:Workflow
Review (P.O.)
2. 11/16/20 9:15 am
Tory Sarro (vsarro):
Approved for
Registrar-
Programs:Workflow
Review
3. 11/24/20 9:59 am
Barry Klinger
(bklinger):
Approved for AOES
Committee
4. 12/14/20 5:14 pm
Jim Kinter (ikinter):

Approved for AOES
Chair

5. 12/15/20 12:35 pm
Gregory Craft
(gcraft): Approved
for SC Curriculum
Committee
6. 12/16/20 8:46 am
Jennifer Bazaz
Gettys (jbazaz):
Rollback to SC
Curriculum
Committee for SC
Associate Dean

History

1. Nov 15, 2017 by
clmig-jwehrheim
2. Jan 29, 2018 by
Rebekah Zacharias
(rzachari)
3. Mar 14, 2019 by
Tory Sarro (vsarro)
4. Jan 9, 2020 by
Jennifer Bazaz
Gettys (jbazaz)

Name	Extension	Email
Mark Uhen	5264	muhen

Effective Catalog: 2021-2022

Program Level: Undergraduate

Program Type: Minor

Degree Type:

Title: Paleontology Minor

Banner Title: Paleontology Minor

**Is this a retitling of
an existing**

Existing Program
Registrar/OAPI Use
Only – SCHEV
Registrar’s Office
Use Only –
Program Start Term

Registrar/OAPI Use
Only – SCHEV
Registrar/OAPI Use
Only – SACSCOC
Status

Concentration(s):
INTO Major(s):
Registrar/IRR Use
Only –

College/School: College of Science

Department /
Academic Unit: Atmospheric, Oceanic, & Earth Sciences

Jointly Owned
Program? No

Participating

Participating

Justification

The minor is rather overly complicated with four “options” and we want to simplify it. The basic idea is to just have a list of courses that can function as electives for the minor instead of the “options”.

Adding GEOL 104 as the now decoupled lab to GEOL 102.

Catalog Published Information

Total Credits Total credits: 18-21
Required:

Registrar's Office Use Only - Program Code:
 PLEO

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](#).

Degree Requirements:

This is a Green Leaf program.

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

Students must successfully complete the following coursework with a minimum GPA of 2.00.

Required Core

GEOL 102	Historical Geology (Mason Core)	4
& GEOL 104	and Historical Geology Laboratory (Mason Core)	
GEOL 312	Invertebrate Paleontology	4
GEOL 334	Vertebrate Paleontology	4
or BIOL 334	Vertebrate Paleontology	
Total Credits		12

Electives

Many of the courses below have additional prerequisites beyond the required core courses above; please check the individual courses carefully.

Select two courses from the following:		6-9
GEOL 304	Sedimentary Geology	
GEOL 309	Oceanography	
or BIOL 309	Oceanography	
GEOL 332	Paleoclimatology	
GEOL 364	Marine Geology	
BIOL 300	BioDiversity	
BIOL 308	Foundations of Ecology and Evolution	
BIOL 320	Comparative Chordate Anatomy	
BIOL 331	Invertebrate Zoology	
BIOL 377	Applied Ecology	
BIOL 470	Dinosaur Biology	
BIOL 471	Evolution	
BIOL 468	Vertebrate Natural History	
EVPP 419	Marine Mammal Biology and Conservation	
GGS 321	Biogeography	
or BIOL 374	Biogeography: Space, Time, and Life	
Total Credits		6-9

Option One

BIOL 300	BioDiversity	4
--------------------------	---------------------	----------

Select one from the following: **4**

BIOL 320	Comparative Chordate Anatomy
--------------------------	-------------------------------------

BIOL 322 Developmental Biology
 & BIOL 323 and Lab for Developmental Biology
 BIOL 331 Invertebrate Zoology
 BIOL 332 Insect Biology

Option Two

BIOL 308 Foundations of Ecology and Evolution 5
 BIOL 468 Vertebrate Natural History 4

Option Three

GEO 309 Oceanography 3
 or BIOL 309 Oceanography
 EVPP 419 Marine Mammal Biology and Conservation 3

Option Four

BIOL 305 Biology of Microorganisms 3
 BIOL 407 Microbial Diversity 4

**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 Virginia or elsewhere?

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? Yes

Green Leaf Designation Sustainability-focused 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 substance equivalent to a sustainability-focused course.

Relationship to Existing Courses

Relationship to Existing Programs

List sustainability-focused courses currently required in the degree program:

*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**

Jennifer Bazaz Gettys (jbazaz) (12/16/20 8:46 am): Rollback: Submitted to this step early, COSCC approval next month.

**Additional
Comments**

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

%wi_required.eshtml%

**Attached
Document**

Key: 368