

Program Change Request

Date Submitted: 10/13/19 9:20 pm

Viewing: **PLEO : Paleontology Minor**

Last approved: 03/14/19 8:57 pm

Last edit: 10/13/19 9:20 pm

Changes proposed by: jbazaz

[Paleontology Minor](#)

Catalog Pages

Using this Program

In Workflow

1. Registrar-Programs:Workflow Review
2. AOES Committee
3. AOES Chair
4. SC Curriculum Committee
5. SC Associate Dean
6. SC CAT Editor
7. Assoc Provost-Undergraduate
8. Registrar-Programs: Duration
9. Registrar-Programs

Approval Path

1. 10/14/19 8:40 am
Tory Sarro (vsarro):
Approved for Registrar-Programs:Workflow Review
2. 11/13/19 12:05 pm
Barry Klinger (bklinger):
Approved for AOES Committee

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

Yes

Requestor:

Name	Extension	Email
Barry Klinger	9227	bklinger

Effective Catalog: 2020-2021

Program Level: Undergraduate

Program Type: Minor

Title: Paleontology Minor

Banner Title: **Paleontology Minor**

Registrar's Office

Use Only –

Program Start Term

College/School: College of Science

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

Jointly Owned Program? No

Justification Adding an additional elective course option (GEOL 332).

3. 11/13/19 1:08 pm
Jim Kinter (ikinter):
Approved for AOES
Chair

Catalog Published Information

Total Credits Required: Total credits: 18-21

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

Course List

Code	Title	Credits
GEOL 102	Introductory Geology II (Mason Core)	4
GEOL 312	Invertebrate Paleontology	4
GEOL 334	Vertebrate Paleontology	4
or BIOL 334	Vertebrate Paleontology	

History

1. Nov 15, 2017 by clmig-jwehrheim
2. Jan 29, 2018 by Rebekah Zacharias (rzachari)
3. Mar 14, 2019 by Tory Sarro (vsarro)

Code	Title	Credits
Total Credits		12

Electives

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

Course List

Code	Title	Credits
Select two courses from the list below or choose Option One, Option Two, Option Three, or Option Four:		6-9
<u>GEOL 304</u>	Sedimentary Geology	
<u>GEOL 332</u>	Paleoclimatology	
<u>GEOL 364</u>	Marine Geology	
<u>GGS 321</u>	Biogeography	
or <u>BIOL 374</u>	Biogeography: Space, Time, and Life	
<u>BIOL 377</u>	Applied Ecology	
<u>BIOL 470</u>	Dinosaur Biology	
<u>BIOL 471</u>	Evolution	
<u>BIOL 468</u>	Vertebrate Natural History	

Total Credits	6-9
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Option One

Course List

Code	Title	Credits
<u>BIOL 310</u>	Biodiversity	5
& <u>BIOL 330</u>	and Biodiversity Lab and Recitation	
Select one from the following:		4
<u>BIOL 320</u>	Comparative Chordate Anatomy	
<u>BIOL 322</u>	Developmental Biology	
& <u>BIOL 323</u>	and Lab for Developmental Biology	
<u>BIOL 331</u>	Invertebrate Zoology	
<u>BIOL 332</u>	Insect Biology	

Option Two

Course List

Code	Title	Credits
<u>BIOL 308</u>	Foundations of Ecology and Evolution	5

Code	Title	Credits
BIOL 468	Vertebrate Natural History	4

Option Three

Course List

Code	Title	Credits
GEOL 309	Introduction to Oceanography	3
or BIOL 309	Introduction to Oceanography	
EVPP 419	Marine Mammal Biology and Conservation	3

Option Four

Course List

Code	Title	Credits
BIOL 305	Biology of Microorganisms	3
BIOL 407	Microbial Diversity	4

Retroactive Requirements Updates:

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:

Does this program cover material which crosses into another department?

No

Additional Attachments

Reviewer Comments

Additional Comments

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

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