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Viewing: **PLEO : Paleontology Minor**

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

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Changes proposed by: jbazaz

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

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. SC CAT Editor
8. Assoc Provost-  
Undergraduate
9. Registrar-Programs:  
Duration
10. Registrar-Programs

## 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

**Title:** Paleontology Minor

**Banner Title:** Paleontology Minor

**Registrar's Office Use Only – Program Start Term**

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

**College/School:** College of Science

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

**Jointly Owned Program?** No

**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

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**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

|                             |  |    |
|-----------------------------|--|----|
| <a href="#">GEOL 102</a>    | Historical Geology ( <a href="#">Mason Core</a> )                | 4  |
| & <a href="#">GEOL 104</a>  | and Historical Geology Laboratory ( <a href="#">Mason Core</a> ) |    |
| <a href="#">GEOL 312</a>    | Invertebrate Paleontology  | 4  |
| <a href="#">GEOL 334</a>    | Vertebrate Paleontology  | 4  |
| or <a href="#">BIOL 334</a> | 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

|                             |   |
|-----------------------------|---|
| <a href="#">GEOL 304</a>    | Sedimentary Geology                           |
| <a href="#">GEOL 309</a>    | <b>Introduction to Oceanography</b>           |
| or <a href="#">BIOL 309</a> | <b>Introduction to Oceanography</b>           |
| <a href="#">GEOL 332</a>    | Paleoclimatology                              |
| <a href="#">GEOL 364</a>    | Marine Geology                                |
| <a href="#">BIOL 300</a>    | <b>BioDiversity</b>                           |
| <a href="#">BIOL 308</a>    | <b>Foundations of Ecology and Evolution</b>   |
| <a href="#">BIOL 320</a>    | <b>Comparative Chordate Anatomy</b>           |
| <a href="#">BIOL 331</a>    | <b>Invertebrate Zoology</b>                   |
| <a href="#">BIOL 377</a>    | Applied Ecology                               |
| <a href="#">BIOL 470</a>    | Dinosaur Biology                              |
| <a href="#">BIOL 471</a>    | Evolution                                     |
| <a href="#">BIOL 468</a>    | <del>Vertebrate Natural History</del>         |
| <a href="#">EVPP 419</a>    | <b>Marine Mammal Biology and Conservation</b> |
| <a href="#">GGS 321</a>     | Biogeography                                  |
| or <a href="#">BIOL 374</a> | Biogeography: Space, Time, and Life           |

Total Credits 6-9

### ~~Option One~~

~~BIOL 300 BioDiversity 4~~

Select one from the following: 4

|                       |  |
|-----------------------|--|
| <del>BIOL 320</del>   | <del>Comparative Chordate Anatomy</del>      |
| <del>BIOL 322</del>   | <del>Developmental Biology</del>             |
| & <del>BIOL 323</del> | <del>and Lab for Developmental Biology</del> |
| <del>BIOL 331</del>   | <del>Invertebrate Zoology</del>              |
| <del>BIOL 332</del>   | <del>Insect Biology</del>                    |

**Option Two**

|          |                                      |   |
|----------|--------------------------------------|---|
| BIOL 308 | Foundations of Ecology and Evolution | 5 |
|----------|--------------------------------------|---|

|          |                            |   |
|----------|----------------------------|---|
| BIOL 468 | Vertebrate Natural History | 4 |
|----------|----------------------------|---|

**Option Three**

|         |                              |   |
|---------|------------------------------|---|
| GEO 309 | Introduction to Oceanography | 3 |
|---------|------------------------------|---|

|             |                              |  |
|-------------|------------------------------|--|
| or BIOL 309 | Introduction to 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:**

**Program Outcomes**

### OAPI Use Only – Determination of SACSCOC Impact

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**Comments or Notes**

### Green Leaf Program Designation

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**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?**

%wi\_required.eshtml%

Key: 368