

Course Change Request

Date Submitted: 03/11/18 12:32 pm

Viewing: **BIOL 355 : Ecological Engineering and Ecosystem Restoration**

Last edit: 03/11/18 12:32 pm

Changes proposed by: dpolayes

Catalog Pages
referencing this
course

[Biology \(BIOL\)](#)

[Department of Biology](#)

In Workflow

1. **BIOL Undergraduate Representative**
2. **SC Curriculum Committee**
3. SC Associate Dean
4. Assoc Provost- Undergraduate
5. Registrar-Courses
6. Banner

Select modification type:

Substantial

Approval Path

1. 03/11/18 5:14 pm
Larry Rockwood
(lrockwoo):
Approved for BIOL Undergraduate Representative

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

No

Effective Term: Fall 2018

Subject Code: BIOL - Biology

Course Number:
355

Bundled Courses:

Equivalent
Courses:

Catalog Title: Ecological Engineering and Ecosystem Restoration

Banner Title: Ecol Engin/Ecosys Restoration

Will section titles
vary by semester? No

Credits: 4

Schedule Type: Lecture w/Lab

Hours of Lecture or Seminar per
week: 3

Hours of Lab or Studio per week: 3

Repeatable: May only be taken once for credit (NR)

Default Grade
Mode: Undergraduate Regular

Recommended
Prerequisite(s):

CHEM 211, BIOL 308 and CHEM 213, BIOL 308 and PHYS 243.

Recommended
Corequisite(s):

Required
Prerequisite(s) /
Corequisite(s)
(Updates only):

Registrar's Office Use Only - Required Prerequisite(s)/Corequisite(s):

And/Or	(Course/Test Code	Min Grade/Score	Academic Level)	Concurrency?

Registration
Restrictions
(Updates only):

Registrar's Office Use Only - Registration Restrictions:

Field(s) of Study:

Class(es):

Level(s):

Degree(s):

School(s):

Catalog**Description:**

Provides definition, classification and practice of ecological engineering and ecosystem restoration. Describes general system ecology, ecosystem restoration, and the utilization of natural processes to provide ecosystem services to society and benefits to nature. Provides students with a systems-oriented perspective on environmental studies. Students will study principles in general system ecology and ecological engineering and explore practices in sustainable ecological design by carrying out a hands-on experimental design project with field microcosms/meocosms in a newly established Wetland Mesocosm Compound on the campus. This course will involve a field trip (1-2 days).

Justification:

CHEM 211 was a 4 credit lecture/lab course. Has been split to CHEM211 (Lecture) and CHEM 213 (lab). Maintaining the original prerequisite.

Does this course cover material which crosses into another department? No

Learning Outcomes:

**Attach Syllabus
(PDFs only)**

**Additional
Attachments (PDFs
only)**

**Specialized Course
Categories:**

**Additional
Comments:**

**Reviewer
Comments**