



## Course Change Request

### New Course Proposal

Date Submitted: 11/29/17 9:35 am

Viewing: **BIOL 177 : Ecological Applications**

Last edit: 11/29/17 9:35 am

Changes proposed by: dpolayes

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

Yes

**Requestor:**

#### In Workflow

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

#### Approval Path

- 1. 11/29/17 10:26 am  
Larry Rockwood (Irockwoo):  
Approved for BIOL Undergraduate Representative

Name	Extension	Email
Lorelei Crerar	3-5609	lcrerar@gmu.edu

**Effective Term:**

Fall 2018

**Subject Code:**

BIOL - Biology

**Course Number:**

177

**Bundled Courses:**

**Equivalent Courses:**

**Catalog Title:**

Ecological Applications

**Banner Title:**

Ecological Applications

Will section titles vary by semester?

No

Credits:

3

Schedule Type:

Lecture

Hours of Lecture or Seminar per week:

3

Repeatable:

May only be taken once for credit (NR)

Default Grade Mode:

Undergraduate Regular

Recommended Prerequisite(s):

none

Recommended Corequisite(s):

none

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

none

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):

Non-majors only

Registrar's Office Use Only - Registration Restrictions:

Field(s) of Study:

Class(es):

Level(s):

Degree(s):

School(s):

Catalog Description:

This course introduces ecosystem concepts and applications to natural and managed ecosystems. This course will discuss the natural environment, ecological processes, and human interaction with and management of this environment. Humankind plays a major role in all worldwide environments and there is very little, if any, of the surface of this planet that remains untouched by human actions. Biologists, ecologists, environmental scientists, and policy makers, must provide for the needs of humanity while mitigating negative impacts on the natural environment.

Justification:

This course is designed predominantly for engineering majors. They require an applied ecology course and were previously taking BIOL377. The BIOL377 is too advanced and assumed the students had significant biology background. This course is designed to meet the needs of introductory students.

Does this course cover material which crosses into another department?

No

Learning Outcomes:

Attach Syllabus

[177-Syllabus F2017.doc](#)

Additional Attachments

Staffing:

existing faculty

Relationship to Existing Programs:

a course for non majors

Relationship to Existing Courses:

Introductory level applied ecology. Biology majors will not be able to take this course for credit.

Additional Comments:

Reviewer Comments