

## ENV 3V90

### Supervised research: Standards for enrollment and course completion

#### Course enrollment:

In order to enroll in ENV 3V90, the student must submit an application to be signed by the faculty mentor and filed with the department (Glenda Plemons).

Course enrollment is under two categories:

- 1- Acting as an assistant under an existing faculty research project or plan. This is the most common, and usually the most successful arrangement.
- 2- Working on a project designed by the student working in cooperation with a faculty mentor.

In cases where there is not an approved plan or research proposal on file with the department, the student must submit a research concept with the application for course enrollment.

#### Project prerequisites:

Prior to beginning a project, students should complete at least three to five major's courses which provide background for the research project. Students with GPAs over ~3.3 or in the Honor's program may begin a research project as freshmen or sophomores with professorial permission, without complete course preparation.

#### Recommended preparation for research in different subject areas

Topic	CHE	BIO	GIS	STA	1301	1303/3306 2407/2337 4450	2375/3333 3314/3387	2376/ and social science
Wildlife	1	2		1	1	2		
Exotics endanger forest	1	2		1	1	2		
Pollution toxicology	2	2			1	1	2	
Ethics					1	1	1	2
GIS		1	1	1	1	1	1	
Law					1	1	1	2
Human dimension				1	1	1	1	2

#### Research course requirements:

Enrollment for more than one credit requires that a full research plan be on file with the department, and that the project incorporate either formal literature review or data collection. ENV 3V90 does not require participation in data analysis, or production of a written report. In general, the course requires 3 hours of data collection, laboratory work

or other research activity per credit per week. Students enrolling in the course are required to submit a time management plan.

Students enrolled in 3V90 must submit a personal safety plan and a work plan (either prior to beginning the class or within the first two weeks of enrollment). A research plan must be filed (it may be in rough draft), after 35-40 hours of course completion (at the end of a 1 credit enrollment, or after 3 to 4 weeks of a 3 credit enrollment). The faculty mentor must approve these documents prior to the student conveying them to the department.

Students who do not analyze or write up data must submit a report to their mentor summarizing their experience. The formats are described below. A written research document, or a poster for presentation may also serve as the final products for the course. Faculty may vary the type of final product as long as it is equivalent to the items listed below.

**Acceptable final products for 3V90**

<b>Course credit</b>	Plan	Final products	Poster	Final paper, minimum effort (may be longer)
<b>1 hour no plan</b>	Can be final product	---	---	---
<b>1 hour w plan</b>	---	Submission of completed data base	Or, draft poster	Not required
<b>2 hour</b>	---	---	Poster	Or 10 pages of analyzed data or graphics
<b>3 hour</b>	---	---	Poster	Or 15 pages of analyzed data or graphics
<b>1 + 2 hour</b> <i>Different semesters</i>	Plan for first hour		And poster for 2 hours	Or 10 pages of analyzed data or graphics