

Experiential Learning Opportunities

Physics, Astronomy, Geosciences & Engineering Technology Programs

Students in these majors receive a wide range of opportunities to fulfill their experiential learning credits.

Each experiential learning credit (EL) requires 45 hours of time devoted to the experiential activity. Some activities are equivalent to 1 credit (EL1), some 2 credits (EL2), and some 3 credits (EL3). For those activities that take less time (EL<1) they can be repeated to accumulate a full EL credit.

Beginning Fall 2021, freshman students will be required to complete a minimum of 3 experiential learning credits by completing one, or more, of these activities. The classes listed below is the start of a list of eligible activities.

<i>Major</i>	<i>Activity</i>	<i>Related courses</i>	<i>EL credits</i>
PHYSICS	Participation in Science Saturday activities	--	EL<1
	Freshman research experience	Being developed	EL1
	Direct studies courses	PHYS 4950	EL3
	Internships in astronomy	PHYS 4800	EL3
ASTRONOMY	Participation in Science Saturday activities	--	EL<1
	Participation in Public Planetarium and Observatory Programs	--	EL<1
	Freshman research experience	Being developed	EL1
	Direct studies courses	ASTR 4950	EL3
	Internships in astronomy	ASTR 4800	EL3
ENVIRONMENTAL GEOSCIENCES	Participation in Science Saturday activities	--	EL<1
	Geosciences Fieldtrip course	GEOG or GEOL 3120	EL3
	Regional Planning projects	GEOG 3100	EL3
	Regional Planning and Environmental Management projects	GEOG 3150	EL3
	Senior Thesis II research course	GEOG or GEOL 4861	EL3
	Senior Thesis Presentation	GEOG or GEOL 4862	EL2
	Direct studies courses	GEOG4900 or GEOL 4950	EL3
	Internships in geosciences	GEOG or GEOL4800	EL3
ENGINEERING TECHNOLOGY	CAD projects	ENGR or ENGT 2500	EL1