

Freshman Fall (15 or 16)	Freshman Spring (15 or 16)
CHEM 110 (General Chemistry I) (3)	CHEM 112 (General Chemistry II) (3)
CHEM 111 (General Chemistry I Lab) (1)	CHEM 113 (General Chemistry II Lab) (1)
ENVS 102 (Env Science and Sustainability) (3)	EVST 1000 (Intro to Environmental Studies) (4)
ENVS 112 (Env Field Sampling & Data Analysis) (1)	MATH 123 (Calculus Life Sci II) (3) OR MATH 132 (Calculus II) (4)
ENVS 190 (Environmental Science Seminar) (0)	CORE (4)
MATH 122 (Calculus Life Sci) (3) OR MATH 131 (Calculus I) (4)	
CORE (4)	
ORNT 1000 (First Year Forum) (0)	

Sophomore Fall (17)	Sophomore Spring (16)
BIOL 101 (General Biology I) (3)	BIOL 102 (General Biology II) (3)
BIOL 111 (General Biology I Lab) (2)	BIOL 112 (General Biology II Lab) (2)
ENVS 240 (Env. Stat. Analysis & GIS) (4)	ENVS 350 (Earth System Science) (3)
Elective (4)	PHYS 2500 (General Physics I) (4)
CORE (4)	CORE (4)

Junior Fall (14 or 15)	Junior Spring (15 or 16)
BIOL 201 (Cell Function) (3)	ENVS 318 (Principles of Ecology) (4)
ENVS 357 (Env Chem: Atmosphere & Climate) (3)	ENVS 358 (Env Chem: Water, Soil, & Sediment) (3)
ENVS 493 (Environmental Science Internship) (1)	ENVS 359 (Environmental Chemistry Lab) (1)
UD Elective (3 or 4)	UD Major Elective (3 or 4)
CORE (4)	CORE (4)

Senior Fall (15 – 16)	Senior Spring (14 – 17)
ENVS 460 (Environmental Microbiology) (3)	ENVS 470 (Env. Monitoring: Practice & Impacts) (1)
ENVS 491 (Environmental Science Captone I) (1)	ENVS 492 (Environmental Science Captone II) (1)
UD Major Elective (3 or 4)	UD Major Elective (3)
UD Elective (4)	UD Major Elective (1 - 4)
CORE (4)	UD Elective (4)
	Elective (4)

Notes:

- All LMU students need a minimum of 15 units in a semester to be considered for the Dean's list.
- All LMU students need a total of 120 units to graduate.
- All LMU students need a total of 45 Upper Division units to graduate.
- "Electives" are useful if you would like to explore a minor.

A total of 4 Upper Division Major Elective Courses (10-16 units) can be selected from:

Courses within Seaver College:

- BIOL 309: Applied Plant Ecology (3)
- BIOL 311: Plant Interactions (3)
- BIOL 312: Field Botany (4)
- BIOL 315: World Vegetation Ecology (3)
- BIOL 319: Coastal Ecology (3)
- BIOL 320: Coastal Ecology Lab (1)
- BIOL 321: Urban Ecology (3)
- BIOL 322: Urban Ecology Lab (1)
- BIOL 325: Avian Biology (3)
- BIOL 327: Quantifying Biodiversity Field Lab (1)
- BIOL 335: Comparative Anatomy (4)
- BIOL 362: General Microbiology Lab (1)
- BIOL 422: Marine Biology (4)
- BIOL 423: Marine Conservation Biology (3)
- BIOL 474: Principles of Evolution* (3)
- CHEM 398: SS Clean Technology (3)
- CHEM 460: Instrumental Analysis and Lab* (4)
- CHEM 482: Toxicology* (3)
- CIVL 501: Sustainable Water Quality and Resources (3)
- CIVL 551: Remote Sensing with Civil Engineering and Environmental Science Applications (3)
- CIVL 553: Modeling Environmental and Water Resources Systems (3)
- CIVL 571: Air Quality, Control, and Management (3)
- CIVL 572: Sustainable Waste Management (3)
- ENVS 505: Aquatic Chemistry (3)
- ENVS 507: Environmental Engineering and Science Lab (3)
- ENVS 508: Contaminant Fate, Transport, and Remediation (3)
- ENVS 580: Engineering Geology (3)
- ENVS 584: Climate Change and Impacts (3)
- HHSC 322: Public Health (3)

Courses Outside of Seaver College

- ECON 4160: Environmental Economics* (4)
- EVST 3010: Environmental Policy (4)
- EVST 3020: Sustainable Cities (4)
- EVST 3110: Agriculture, Food, and Justice (4)
- HIST 3452: US Environmental History (4)
- HIST 3820: Environment and Economy in China (4)
- INBA 4895/MGMT 4695: Global Sustainability: Challenges and Prospects in East Asia (4)
- MGMT 3690: Environmental Strategy (4)
- SOCL 3360: Environment and Society (4)
- URBN 3100: GIS Research (4)
- WGST 3200: Gender, Race, and Environmental Justice (4)

Notes on the selection of upper division major elective courses:

- Courses in the above lists with an asterisk require additional pre-requisite courses outside of the ENVS major.
- Up to 2 of the 4 upper division science elective courses may be taken outside of Seaver College.
- Up to 1 of the 4 upper division science elective courses may be fulfilled by taking a laboratory course.
 - It can be a stand-alone 1-unit laboratory course.
 - It can be part of a combined lecture and laboratory course. (Note that a combined lecture and laboratory course counts as fulfilling 2 of the upper division science elective courses.)

Students are also urged to consider taking PHIL 3110: Environmental Ethics (4) to fulfill their core Integration: Ethics and Justice requirement.