

Sciences Electives. Complete 18 credit hours. Prerequisite(s) are subject to change. Not all courses are offered every semester.	
Title	Prerequisite(s)
ANT 4187 Paleoethnobotany (3)	PR: ANT 2140 & Junior Standing (Can email Neil.Duncan@ucf.edu) regarding override.
ANT 4480 Global Health in Anthropological Perspective (3)	PR: Sophomore Standing or C.I.
ANT 4933C Landscape Archaeology (3)	PR: ANT 2140 or CI, email Sandra.Wheeler@ucf.edu regarding override
BCH 4053 Biochemistry I (3)	PR: CHM 2211
BCH 4054 Biochemistry II (3)	PR: BCH 4053
BOT 3015 Principles of Plant Science (3)	PR: BSC 2011C
BOT 3018C Culinary Botany Across the Cultures (4)	PR: BOT 3802 or BOT 3015 or C.I.
BOT 3802 Ethnobotany (3)	PR: "C" or better in BSC 2010C & BSC 2011C or CI
BOT 4223C Plant Anatomy (4)	PR: BOT 3802, or CI
BOT 4282L Plant Microtechniques (2)	PR: BOT 4223C or CI
BOT 4303C Plant Kingdom (4)	PR: BOT 3015 or CI
BOT 4434C General Mycology (4)	PR: BSC 2010C, MCB 3020C, or BSC 2011C
BOT 4503 Plant Physiology (4)	PR: "C" or better in BOT 3015 and PCB 3044 or PCB 3063, or CI
BOT 4713C Plant Taxonomy (5)	PR: BOT 3015 or CI
BOT 4850 Medicinal Botany (3)	PR: PCB 3522 or a "C" or better in PCB 3023, or CI
BSC 3052 Conservation Biology (3)	PR: "C" or better in PCB 3044 or CI
BSC 3312 Principles of Marine Biology (3)	PR: "C" or better in BSC 2010C/2011C
BSC 4310 SL: Marine Conservation and Restoration (3)	PR: "C" or better in BSC 3312 and permission from the Biology Dept.
BSC 4312C Advanced Marine Biology (4)	PR: BSC 3312, and a "C" or better in PCB 3044
BSC 4330 Invasion Biology (3)	PR: "C" or better in PCB 3044, or CI
BSC 4473C Scientific Diving (4)	PR: BSC 1005 or BSC 2010C or EVR 1001, and C.I.
BSC 4821 Biogeography (4)	PR: "C" or better in PCB 3044, PCB 4683, or CI
BSC 4861L Urban Ecological Field Studies (3)	PR: "C" or Better in BSC 2010C, or CI
CHM 3120 Analytical Chemistry (3)	PR: CHM 2046 and CHM 2046L
CHS 4615 Environmental Chemistry (3)	PR: CHM 2046, senior level in biological, molecular, chemical, or engineering sciences
ENY 3571 Honey Bee Biology & Beekeeping (3)	PR: BSC 2010C/2011C and CI
ENY 4004C General Entomology (4)	PR: "C" or better in BSC 2010C and BSC 2011C, or CI
GIS 4107 GIS Research Methods in Env. Studies (3)	PR: "C" or better GIS 3043C or entry level GIS course
GLY 4730 Marine Geology (3)	PR: Junior Standing, or CI
GLY 4734 Coastal Processes (3)	PR: Junior Standing, or CI
HSC 4500 Epidemiology (3)	PR: Not enforced
IDS 3152 Diversity Leadership and Env. Studies (3)	PR: ENC 1102
ISC 3424 Chemical and Life Science Nanotechnology (3)	PR: "C" or better in CHM 2045C
MCB 4603 Environmental Microbiology (3)	PR: MCB 3020C
OCE 3008 Oceanography (3)	PR: CHM 2045C & CHM 2046 and a "C" or better in BSC 2010C
PAZ 4234 Zoo & Aquarium Management (3)	PR: "C" or better in PCB 3044 and PCB 3063, CI
PCB 3023 Molecular Cell Biology (3)	PR: CHM 2210, and a "C" or Better in BSC 2010C and PCB 3063, or CI
PCB 3063 Genetics (3)	PR: CHM 2046, or "C" or better in BSC 2010C or CI
PCB 3343L Principles of Field Ecology (2-5)	PR: BSC 2011C, PCB 3044, or CI
PCB 3354 Tropical Ecology & Conservation (3)	PR: "C" or better in PCB 3044, or CI
PCB 3355L Tropical Marine Bio (2) *Study Abroad	PR: "C" or better in BSC 2010C/2011C + Approval by Study Abroad and instructor
PCB 3442 Aquatic Ecology (3)	PR: BSC 2010C and a "B" or better in BSC 2011C
PCB 4301C Wetland Ecology & Biogeochemistry (4)	PR: "B" or better in PCB 3044 or CI
PCB 4353 Florida Ecology, Natural His., & Conc. (3)	PR or CR: PCB 3044, or CI
PCB 4353L Florida Ecology, Natural His., & Conc. (3)	PR or CR: PCB 4353, or CI
PCB 4408 Urban Ecology (3)	PR: PCB 3044 with "B" or better. Or C.I.
PCB 4514 Genetics II (3)	PR: "B" or better in PCB 3063, or CI
PCB 4683 Evolutionary Biology (4)	PR: "C" or better in PCB 3063 and Junior Standing, or CI
PCB 4683L Evolutionary Biology Lab (1)	PR or CR: PCB 4683
PCB 4684 Population Genetics (3)	PR or CR: "C" or better in PCB 3063, PCB 4683, or CI
PCB 4722 Comparative Animal Nutrition	PR or CR: BSC 2010C, BSC 2011C, CHM 2210, CHM 2211, PCB 3044
PCB 4723 Animal Physiology (4)	PR: "C" or Better in PCB 3023, or CI
PCB 4802 Comparative Endocrinology (3)	PR: "C" or better in PCB 3023 and PCB 3044, or CI
SYA XXXX Participatory GIS in Belize (3) *Study Abroad	PR: Application and Approval by Study Abroad and instructor
ZOO 3454 Ichthyology (3)	PR: "C" or better in PCB 3063 and PCB 3044, or CI
ZOO 3713C Comparative Vert. Anatomy (5)	PR: "C" or better in BSC 2010C/2011C, or CI
ZOO 4205C Invertebrate Biodiversity (4)	PR: "C" or better in BSC 2010C, BSC 2011C and PCB 3044, or CI
ZOO 4272 Ornithology (3)	PR: "C" or better in BSC 2011C
ZOO 4310C Vertebrate Evolution & Ecology (4)	PR: "C" or better in BSC 2010C/2011C, PCB 3044, and PCB 3063, or CI
ZOO 4405C Sea Turtle Ecology and Conservation Internship (3)	PR: Internship application and approval from instructor
ZOO 4462C Herpetology (4)	PR: "C" or better in BSC 2011C and PCB 3044
ZOO 4480 Mammalogy (4)	PR: "C" or better in BSC 2010C/2011C, or CI
ZOO 4480L Mammalogy Lab (1)	CR: ZOO 4480
ZOO 4513 Animal Behavior (3)	PR: "C" or better in PCB 3044
ZOO 4603C Embryology/Development (5)	PR: "C" or better in PCB 3063 & PCB 3023 or PCB 3522, or CI
ZOO 4910L Research in Animal Behavior (3)	PR: "B" or better in ZOO 4513