

BIOLOGICAL SCIENCES DEPARTMENT ANTICIPATED COURSE OFFERING FOR 2009-2010

X = ANTICIPATE COURSE WILL BE OFFERED IN THE 2009-2010 ACADEMIC YEAR.

20xx = ANTICIPATE THE NEXT OFFERING WILL BE *EITHER* IN THE 2009-2010 *OR* 2010-2011 ACADEMIC YEAR DEPENDING ON STATE FUNDING TO THE CSU.

| Course | Title | Units | Summer | Fall | Winter | Spring |
|------------------|---|-------|--------|------|--------|--------|
| BIO 100 | Orientation Biological Sciences | 1 | | 20xx | | |
| BIO 111 | General Biology (B2&B4) | 4 | | X | X | X |
| BIO 112 | Environmental Bio & Conserv. (B5) | 4 | | | 20xx | 20xx |
| BIO 113 | Animal Diversity & Ecology (B2&B4) | 4 | | X | | |
| BIO 114 | Plant Diversity & Ecology (B2&B4) | 4 | | | X | X |
| BIO 115 | Animal/Human Struct. & Funct. (B2&B4) | 4 | | | X | X |
| BIO 160 | Diversity/History of Life | 4 | | X | | |
| BIO 161 | Intro to Cell/Molecular Biology (B2&B4) | 4 | | X | X | X |
| BIO 162 | Intro Organismal Form & Function | 5 | | | X | X |
| BIO 200 | Special Problems for Undergraduates | 1-2 | | 20xx | 20xx | 20xx |
| BIO 213 | Life Science for Engineers (B2) | 2 | | X | X | X |
| BIO 227 | Wildlife Conservation Biology (B2) | 4 | | X | X | X |
| BIO 232/MATE 232 | Nanotec, Human Biol, Ethics & Soci | 4 | | | | |
| BIO 253 | Orientation to the Health Professions | 1 | | | 20xx | |
| BIO 263 | Intro Ecology and Evolution | 4 | | X | | X |
| BIO 301 | Environ. Science & Human Ecology | 4 | | | | |
| BIO 302 | Human Genetics (B5) | 4 | | X | X | X |
| BIO 303 | Survey of Genetics | 4 | X | 20xx | X | X |
| BIO 305 | Biology of Cancer (B5) | 4 | | | | 20xx |
| BIO 307 | World Aquaculture (F) | 4 | | | X | |
| BIO 325 | General Ecology | 4 | | X | X | X |
| BIO 327 | Wildlife Biol. Methods | 5 | | | 20xx | |
| BIO 328 | Marine Biology | 5 | | | X | |
| BIO 330 | Extended Field Activity | 1 | | X | | X |
| BIO 351 | Principles of Genetics | 5 | X | X | X | X |
| BIO 361 | Principles of Physiology | 4 | | X | X | X |
| BIO 375/CHEM 375 | Molecular Biology Laboratory | 3 | | X | X | X |
| BIO 400 | Special Problems | 1-2 | X | 20xx | 20xx | 20xx |
| BIO 401 | Conservation Biology | 4 | | | X | |
| BIO 405 | Developmental Biology | 5 | | | | 20xx |
| BIO 414 | Evolution | 4 | X | | X | X |
| BIO 415 | Biogeography | 4 | | X | | |
| BIO 419 | Ecological Methodology | 4 | | 20xx | | |
| BIO/PSC 424 | Organizing & Teaching Bio Sciences | 4 | | | | |
| BIO 426 | Immunology | 4 | | | X | X |
| BIO 427 | Wildlife Management | 4 | | | | X |
| BIO 432 | Vertebrate/Human Anat/Phys I | 5 | | X | X | |
| BIO 433 | Vertebrate/Human Anat/Phys II | 5 | | | X | X |
| BIO 434 | Environmental Physiology | 4 | | | | |
| BIO 435 | Plant Physiology | 4 | | X | X | |
| BIO 438 | Aquaculture | 4 | | | | 20xx |
| BIO 439 | Fisheries Science and Resource Management | 4 | | 20xx | | |
| BIO 441/CHEM 441 | Bioinformatics Applications | 4 | | | | |
| BIO 443 | Molecular Ecology and Systematics | 4 | | | | |
| BIO 444 | Population Ecology | 3 | | | | X |
| BIO 450 | Undergraduate Lab Assistantship | 1-4 | | X | X | |
| BIO 452 | Cell Biology | 4 | X | X | X | X |
| BIO 461 | Senior Project – Research Proposal | 2 | X | X | X | X |
| BIO 462 | Senior Project - Research | 2 | | X | X | X |
| BIO 463 | Honors Research | 2 | | X | X | X |
| BIO 470 | Selected Adv Topics in Biology | 1-4 | | | | X |
| BIO 471 | Selected Adv Laboratory | 1-4 | | | | |
| BIO 472 | Current Topics in Biol. Research | 1-4 | | 20xx | | 20xx |
| BIO 476/CHEM 476 | Gene Expression Laboratory | 2 | | | | 20xx |
| BIO 485 | Cooperative Education Experience | 6 | | X | X | X |
| BIO 495 | Cooperative Education Experience | 12 | | X | X | X |
| BIO 500 | Individual Study | 1-3 | | X | X | X |
| BIO 501 | Molecular & Cellular Biology | 4 | | X | | |
| BIO 502 | Biology of Organisms | 4 | | | X | |

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|-----------------|---------------------------------------|-------|--------|------|--------|--------|
| BIO 503 | Population Biology | 4 | | | | X |
| BIO 511 | Trends in Biology | 1 | | 20xx | | |
| BIO 524 | Develop. Bio. Seminar | 2 | | | | |
| BIO 531 | Theory and Prediction in Ecology | 3 | | | | |
| BIO 561 | Proposal Writing For Biology Research | 3 | | | | X |
| BIO 570 | Adv. Topics in Biology | 1-4 | | X | | X |
| BIO 575 | College Teaching Practicum | 1-2 | | | 20xx | |
| BIO 585 | Cooperative Education Experience | 6 | | X | X | X |
| BIO 590 | Graduate Seminar in Biology | 1 | | X | | |
| BIO 595 | Cooperative Education Experience | 12 | | X | X | X |
| BIO 599 | Thesis | 3 | | X | X | X |
| BOT 121 | General Botany (B2&B4) | 4 | | X | X | X |
| BOT 221/LA 221 | California Plants & Plant Commun. | 4 | | | | |
| BOT 238 | Central Coast Flora and Vegetation | 3 | | | | |
| BOT 311 | Plants, People & Civilization (B5) | 4 | | | | |
| BOT 313 | Taxonomy of Vascular Plants | 4 | | | X | |
| BOT 323 | Plant Pathology | 4 | | X | X | X |
| BOT 324 | Ornamental & Forest Pathology | 4 | | | | |
| BOT 326 | Plant Ecology | 4 | X | X | | X |
| BOT 329/HCS 329 | Plants, Food & Biotechnology (F) | 4 | | | | |
| BOT 431 | Advanced Plant Pathology | 4 | | | | |
| BOT 433 | Field Botany | 4 | | | | X |
| BOT 437 | Phycology | 4 | | | | 20xx |
| BOT 450/HCS 450 | Plant Biotechnology Lab | 2 | | | | |
| MCRO 221 | Microbiology (B2&B4) | 4 | | X | X | X |
| MCRO 224 | General Microbiology I (B2&B4) | 5 | X | X | X | |
| MCRO 225 | General Microbiology II | 5 | | | | X |
| MCRO 320 | Emerging Infectious Diseases | 3 | X | | X | |
| MCRO 342 | Sanitary Microbiology | 4 | | | | 20xx |
| MCRO 402 | General Virology | 4 | | | | X |
| MCRO 421 | Food Microbiology | 4 | X | X | | X |
| MCRO 423 | Medical Microbiology | 5 | | | X | |
| MCRO 424 | Microbial Physiology | 5 | | X | | |
| MCRO 433 | Microbial Biotechnology | 3 | | X | | |
| MCRO 436 | Environ. Microbiology | 4 | | | X | |
| MCRO 461 | Senior Project – Res. Proposal | 2 | | X | | |
| SCM 201 | Orientation to Biotechnology | 1 | | | | X |
| SCM 302 | Learn-by-doing Lab | 3 | | | X | X |
| SCM 330 | Ocean Discovery (F) | 4 | | | | 20xx |
| ZOO 321 | Mammalogy | 4 | | X | | |
| ZOO 322 | Ichthyology | 4 | | X | | |
| ZOO 323 | Ornithology | 4 | | | | X |
| ZOO 329 | Vertebrate Field Zoology | 4 | | | | |
| ZOO 331 | Human Anatomy & Physiology I | 5 | X | X | X | X |
| ZOO 332 | Human Anatomy & Physiology II | 5 | X | X | X | X |
| ZOO 335 | General Entomology | 4 | | | | 20xx |
| ZOO 336 | Invertebrate Zoology | 4 | | | | |
| ZOO 341 | Herpetology | 4 | | | | X |
| ZOO 422 | Functional Histology | 4 | | 20xx | | |
| ZOO 425 | Parasitology | 4 | | 20xx | | |
| ZOO 428 | Hematology | 4 | | 20xx | | |
| ZOO 436 | Compara. Invertebrate Physiology | 4 | | | | |
| ZOO 437 | Animal Behavior | 4 | | X | | |
| ZOO 530 | Behavioral Ecology | 3 | | X | | |
| ZOO 537 | Behavioral Ecology Seminar | 2 | | | X | |
| UNIV 330 | Poly Lands (GE –F) | 4 | | | | X |