

California Polytechnic State University, San Luis Obispo  
Physical and Biological Sciences

| <b>Course Name</b>                        |
|---|
| Advanced Behavioral Ecology               |
| Advanced Organic Chemistry - Mechanics    |
| Advanced Organic Chemistry - Synthesis    |
| Advanced Organic Chemistry Laboratory     |
| Advanced Physical Chemistry               |
| Anatomy and Physiology of Farm Animals    |
| Aquaculture                               |
| Behavioral Ecology                        |
| Biochemical Principles                    |
| Biology of Organisms                      |
| Biology of Plants and Animals             |
| Bioorganic Chemistry                      |
| Cell Biology                              |
| Central Coast Flora and Vegetation        |
| Chemical Safety                           |
| Chemistry of Drugs and Poisons            |
| Community Ecology                         |
| Conservation Biology                      |
| Crop Physiology                           |
| Dairy Chemistry                           |
| Dairy Microbiology                        |
| Developmental Biology                     |
| Earth Sciences/Soils Science Practicum    |
| Ecological Methodology                    |
| Ecosystem Ecology                         |
| Emerging Infectious Diseases              |
| Environmental Biology and Conservation    |
| Environmental Chemistry: Water Pollution  |
| Environmental Management                  |
| Environmental Microbiology                |
| Environmental Physiology                  |
| Field Botany                              |
| Fisheries Science and Resource Management |
| Food Microbiology                         |

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| <b>Course Name</b>                           |
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| Fundamental Histology                        |
| Gene Expression Laboratory                   |
| General Biology                              |
| General Botany                               |
| General Chemistry I                          |
| General Chemistry II                         |
| General Chemistry III                        |
| General Ecology                              |
| General Microbiology I                       |
| General Microbiology II                      |
| General Virology                             |
| Grapevine Physiology                         |
| Hematology                                   |
| Herpetology                                  |
| Ichthyology                                  |
| Immunology                                   |
| Inorganic Chemistry                          |
| Inorganic Chemistry Laboratory               |
| Introduction to Cell and Molecular Biology   |
| Introduction to Computational Chemistry      |
| Introduction to Organic Chemistry            |
| Introduction to Organismal Form and Function |
| Introductory Chemistry                       |
| Introductory Ecology and Evolution           |
| Invertebrate Zoology                         |
| Lactation Physiology                         |
| Mammalogy                                    |
| Marine Conservation and Policy               |
| Marine Ecology                               |
| Marine Mammals, Birds, and Reptiles          |
| Marine Plants                                |
| Medical Microbiology                         |
| Metabolism                                   |
| Microbial Biotechnology                      |

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| <b>Course Name</b>                                 |
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| Microbial Physiology                               |
| Microbiology                                       |
| Molecular & Cellular Biology                       |
| Molecular Biology                                  |
| Molecular Biology Laboratory                       |
| Molecular Ecology and Systematics                  |
| Nutritional Biochemistry                           |
| Organic Chemistry for Life Sciences I              |
| Organic Chemistry for Life Sciences II             |
| Organic Chemistry for Life Sciences III            |
| Organic Chemistry I                                |
| Organic Chemistry II                               |
| Organic Chemistry III                              |
| Ornithology  |
| Parasitology                                       |
| Physical and Chemical Properties of Dairy Products |
| Physical Chemistry I                               |
| Physical Chemistry II                              |
| Physical Chemistry III                             |
| Physical Chemistry III Lab                         |
| Physical Chemistry Laboratory                      |
| Physiological Chemistry of Animals                 |
| Planet Diversity and Ecology                       |
| Plant Ecology                                      |
| Plant Physiology                                   |
| Plants, Food, and Biotechnology                    |
| Plants, People and Civilization                    |
| Population Biology                                 |
| Population Ecology                                 |
| Principles of Genetics                             |
| Principles of Stem Cell Biology                    |
| Quantitative Analysis                              |
| Reproductive Physiology                            |
| Sanitary Microbiology                              |

| <b>Course Name</b>  |
|---|
| Survey of Biochemistry and Biotechnology                  |
| Survey of Chemistry                                       |
| Survey of Organic Chemistry                               |
| Systemic Animal Physiology                                |
| Taxonomy of Vascular plants                               |
| Vertebrate Field Zoology                                  |
| Vertebrate/Human Anatomy and Physiology I                 |
| Vertebrate/Human Anatomy and Physiology II                |
| Wetlands  |
| Wildlife Conservation Biology                             |
| Wildlife Ecology  |
| Wildlife Management                                       |
| Wine Microbiology   |
| World Aquaculture: Applications, Methodologies and Trends |
| World of Chemistry  |