BIOL 201 Foundations of Biology II (5)
3 hours lecture-6 hours laboratory
Prerequisite: Completion of, or concurrent enrollment in, BIOL 200
Transfer acceptability: CSU; UC*
An examination of the diversity of life, as seen in the Eubacteria, Archaea, and Eukarya, emphasizing the integration of structure and function, development, life histories, phylogenetics, animal behavior, and ecology. Recommended for biology majors.

BIOL 215 Introduction to Biostatistics (4)
3 hours lecture-3 hours laboratory
Prerequisite: A minimum grade of 'C' in MATH 110, and a minimum grade of 'C' in BIOL 201
Note: This course does not qualify for mathematics credit
Transfer acceptability: CSU; UC*; max credit for one course: BIOL 215, PSYC 205, or SOC 205 and MATH 120, one course
An introduction to the quantitative analysis of biological data. Founded on the principles of the scientific process, this course provides experience in the design of biological experiments and the appropriate analysis and interpretation of biological data.

BIOL 295 Directed Study in Life Science (1,2,3)
3, 6, or 9 hours laboratory
Prerequisite: Approval of project or research by department chairperson
Note: May be taken 4 times
Transfer acceptability: CSU; UC – Credit determined by UC upon review of course syllabus.
Independent study for students who have demonstrated skills and/or proficiencies in biology subjects and have the initiative to work independently on projects or research outside the context of regularly scheduled classes. Students will work under the personal supervision of an instructor.

Botany (BOT)

Contact the Life Sciences Department for further information, (760) 744-1150, ext. 2275

COURSE OFFERINGS

BOT 100 General Botany (4)
3 hours lecture 3 hours laboratory
Note: Not open to students with prior credit in BOT 101 or 101L. ***Transfer acceptability:*** CSU; UC – BOT 100 and 101/101L combined: maximum credit, 4 units; CAN BIOL 6
The diversity, structure, and function of major plant groups including cellular metabolism, soil water relationships, classification, genetics, life cycle patterns, growth, and the basic ecological and evolutionary concepts of botany. This is a general education course intended for non-science majors.

BOT 101 General Botany Lecture (3)
3 hours lecture
Note: Not open to students with prior credit in BOT 100
Transfer acceptability: CSU; UC – BOT 100 and 101/101L combined: maximum credit, 4 units
The diversity, structure, and function of major plant groups including cellular metabolism, soil water relationships, classification, genetics, life cycle patterns, growth, and the basic ecological and evolutionary concepts of botany.

BOT 101L General Botany Laboratory (1)
3 hours laboratory
Prerequisite: Completion of, or concurrent enrollment in, BOT 101
Note: Not open to students with prior credit in BOT 100
Transfer acceptability: CSU; UC – BOT 100 and 101/101L combined: maximum credit, 4 units
A laboratory course in plant biology. Special emphasis on the structure, growth, function, genetics, and life cycles of major plant groups. This is a general education course intended for non-science majors.

BOT 110 Botany of Spring Wildflowers (4)
3 hours lecture-3 hours laboratory
Transfer acceptability: CSU; UC
The identification, distribution, and interrelationships of plants in their natural environment; ecological principles; and representative plant communities. Special emphasis will be given to the study of plant families and the use of taxonomic keys.

BOT 115 Plants and People (3)
3 hours lecture
Transfer acceptability: CSU; UC – No credit if taken after 100 or 101/101L
The role of plants in the world ecosystem, including past and present cultural and economic uses for food, medicine, and industrial products. Principles of plant structure and function, with selected topics on plant diversity, plant adaptations, and the interrelationships between plants and people will also be discussed.

BOT 195 Field Study of Native Plants (1,2,3)
2, 4, or 6 hours lecture/laboratory
Note: May be taken 4 times
Transfer acceptability: CSU; UC – Credit determined by UC upon review of course syllabus.
Extended field study of the flora of selected geographical areas including habitats, adaptations, and identification of native and naturalized species. See Class Schedule for locality to be visited. Fee charged.

BOT 197 Botany Topics (.5-4)
Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.
Note: May be taken 4 times
Transfer acceptability: CSU; UC – Credit determined by UC upon review of course syllabus. Topics in Botany. See Class Schedule for specific topic offered. Course title will designate subject covered.

Business Education (BUS)

See also Accounting, Business Management, Insurance, International Business, Legal Studies, Office Information Systems, Paralegal Studies, Real Estate

Contact the Business Education Department for further information, (760) 744-1150, ext. 2488
Associate in Arts degree requirements, Certificate of Achievement requirements, and Certificate of Proficiency requirements are listed in Section 6 (green pages) of the catalog.

PROGRAMS OF STUDY

Advertising, Marketing, and Merchandising

This program is designed to provide a general academic background of coursework pertinent to entry-level employment and/or upper division education in the field of product or service distribution.

A.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements		Units
ACCT 103 and	Financial Accounting	
ACCT 104 or	Accounting Spreadsheet Lab	
BUS 105	Bookkeeping Fundamentals	3,5
BUS 110	Business Mathematics	3
BUS 115	Business Law	3
BUS 140	Selling for Business	3
BUS 145/		
FASH 125	Retailing/Promotion	3
BUS 150	Advertising	3
BUS 155	Marketing	3