

BIOLOGY-ALLIED HEALTH

ASSOCIATE IN SCIENCE

Description

The Biology-Allied Health degree is designed to provide a broad base of knowledge and skills to support students' development into competent health care professionals. The degree requirements parallel many of the prerequisites required in allied health programs. A common core of courses provide a foundation in human anatomy, human physiology, and general psychology. The options provide an opportunity to focus on a specific allied health career field. Students earning this degree will be well prepared to satisfy the prerequisite course requirements for admission into a variety of California Community College, California State University, and private college and university undergraduate Allied Health programs such as Nursing (LVN, ADN, BSN), Respiratory Care, Radiologic Technology, Physical Therapy Assistant, Occupational Therapy Assistant, and Dental Hygiene as well as graduate Allied Health programs in Physical Therapy and Occupational Therapy. This degree also provides foundational knowledge of human biology, psychology, and communication for other professions in hospitals, health clinics, and medical offices.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Analyze data/information in addressing and evaluating scientific problems and issues while making decisions.
2. Use the Scientific Method to correctly interpret experimental data and effectively communicate the findings and implications of that data in writing.
3. Demonstrate proficient laboratory techniques within a given Allied Health field.

Program Requirements:

Required Core Courses

Course Block Units: (11 Required)

BIOL4	Human Anatomy	4
BIOL5	Human Physiology	4
PSYCH1A	General Psychology	3

Choose One Option From Below

Course Block Units: (8 - 25 Required)

OPTION 1: PRE-NURSING (PRE-ADN and PRE-BSN)

BIOL6	Introductory Microbiology	4
HLTH10	Principles of Nutrition	3
CHEM2A or CHEM1A	Introductory Chemistry General Chemistry	5 5
ANTHR2 or SOCIL1 or SOCIL2 or SOCIL5	Cultural Anthropology Introduction to Sociology Social Problems Sociology of Race and Ethnicity	3 3 3 3
SPECH1 or	Public Speaking	3

SPECH3 or	Argumentation and Critical Thinking	3
SPECH6 or	Small Group Communication	3
SPECH7	Interpersonal Communication	3
PRE-ADN STUDENTS MUST ALSO COMPLETE THE FOLLOWING		
NURS26	Pharmacology	3
NURS36	Pathophysiology: Understanding Disease	4
PRE-BSN STUDENTS MUST ALSO COMPLETE THE FOLLOWING		
STAT1	Introduction To Statistical Methods	4
PSYCH41 or	Lifespan Development	3
ECE3	Child Growth and Development	3

OPTION 2: PRE-RESPIRATORY CARE		
BIOL6	Introductory Microbiology	4
CHEM2A	Introductory Chemistry	5
SPECH1 or	Public Speaking	3
SPECH7	Interpersonal Communication	3
NURS51 or	Medical Terminology	3
PSYCH41 or	Lifespan Development	3
SOCIL1	Introduction to Sociology	3

OPTION 3: PRE-RADIOLOGIC TECHNOLOGY		
CHEM2A or	Introductory Chemistry	5
CHEM1A	General Chemistry	5
NURS51	Medical Terminology	3

OPTION 4: PRE-DENTAL HYGIENE		
BIOL6	Introductory Microbiology	4
CHEM2A or	Introductory Chemistry	5
CHEM1A	General Chemistry	5
CHEM2B or	Introductory Chemistry II	4
CHEM1B	General Chemistry	5
SPECH1 or	Public Speaking	3
SPECH6 or	Small Group Communication	3
SPECH7	Interpersonal Communication	3
HLTH10	Principles of Nutrition	3
SOCIL1	Introduction to Sociology	3

OPTION 5: PRE-OCCUPATIONAL THERAPY ASSISTANT		
NURS51	Medical Terminology	3

HLTH10	Principles of Nutrition	3
PSYCH41	Lifespan Development	3
SOCIL1 or	Introduction to Sociology	3
ANTHR2	Cultural Anthropology	3

OPTION 6: PRE-PHYSICAL THERAPY

CHEM2A or	Introductory Chemistry	5
CHEM1A	General Chemistry	5
CHEM2B or	Introductory Chemistry II	4
CHEM1B	General Chemistry	5
PHYS2A	General Physics	3
PHYS3A	General Physics Laboratory	1
PHYS2B	General Physics	3
PHYS3B	General Physics Laboratory	1
STAT1	Introduction To Statistical Methods	4

OPTION 7: PRE-OCCUPATIONAL THERAPY

STAT1	Introduction To Statistical Methods	4
SOCIL1 or	Introduction to Sociology	3
ANTHR2	Cultural Anthropology	3
PSYCH41	Lifespan Development	3
ART4A or	Drawing and Composition Beginning	3
ART9A or	Beginning Painting	3
ART12A or	Beginning Ceramics	3
ART14A	Sculpture	3

Total: 19.00 - 36.00