

Skills Certificate in Animation

Academic Plan: H061410J

Description and Program Learning Objectives TBA

Total		15		
ANIMATN 212	Character Animation and Design (3)		ANIMATN 218	Fundamentals of Animation (3)
ANIMATN 216	Layout and Background Art (3)		ANIMATN 221	Advanced Three-dimensional Animation I (3)
ANIMATN 217	Storyboards (3)			

Skills Certificate in Arts: Media Arts – Digital Design

Academic Plan: H103021J

Completion of this certificate will provide media skills in the areas of basic two and three-dimensional design, vector and raster-based computer software as well as web authoring software to create various types of presentation graphics formats. See the program learning outcomes listed under the AAT degree in this subject.

Total		15	ART 633	Introduction to Computer Graphics (3)
ART 501	Beginning Two-Dimensional Design (3)		ART 637	Presentation Graphics (3)
ART 502	Beginning Three-Dimensional Design (3)		ART 639	Introduction to Digital Imaging (3)

Biology

Associate in Science in Biology for Transfer (AS-T) Degree

Academic Plan: H040145H

The science of biology integrates concepts from several disciplines. The coursework for the AS-T in Biology emphasizes this cross-disciplinary approach and provides students with a foundation to pursue careers in today's fast-growing and emerging STEM fields. The curriculum may also facilitate entry into various graduate or professional programs.

The Associate in Science in Biology for Transfer (AS-T) Degree is intended for students planning to transfer into a Bachelor of Science program in biology or related areas at a California State University (CSU); guaranteeing admission to the system (but not to a specific campus), and priority consideration for admission to the equivalent CSU program. A student may earn an Associate in Science in Biology for Transfer (AS-T) Degree by completing 60 semester units that are eligible for transfer to the CSU, including units in Biology, Chemistry, Mathematics, and Physics required for the major, and either the Intersegmental General Education Transfer Curriculum (IGETC) for STEM or the CSU General Education Breadth (CSU GE) for STEM requirements, with a grade of C or P or better in major courses and a minimum cumulative grade point average (GPA) of 2.0. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements. This degree complies with The Student Transfer Achievement Reform Act (Senate Bill 1440).

Upon completion of the program, students will be able to demonstrate interdisciplinary knowledge and proficiency in quantitative methods, qualitative analysis, critical thinking, and written and oral communication skills needed to address fundamental areas in biology:

- the basic concepts of chemistry that apply to the study of life
- how cellular components and mechanisms interact to carry out cellular metabolism, communication, and inheritance
- the patterns and analyses of evolutionary change and the mechanisms that produce them
- biological diversity
- principles of form and function in plants and animals
- ecological principles

Major (Core, List A and List B):	35
Additional CSU GE for STEM or IGETC for STEM Requirements:	21-24
<small>**Please note the CSUGE for STEM or the IGETC for STEM plan must be used to complete this degree in 60 used** (Not including 9-10 double-countable major units)</small>	
Additional CSU Transferable Units:	1-4
Total:	60

Required Core:

BIOLOGY 101 Biodiversity and Environmental Biology (4)
BIOLOGY 102 Molecular Cell Biology and Evolution (4)

CHEM 102 General Chemistry II (5)
MATH 265 Calculus with Analytic Geometry (5)
PHYSICS 006 General Physics I (4)
and

List A:

CHEM 101 General Chemistry I (5)
and
PHYSICS 007 General Physics I (4)

List B:

BIOLOGY 103 Molecular Genetics and Physiology (4)