

Programs of Study Leading to an Associate Degree

ENGL 81	Language Acquisition	3.0	LATN 1	Elementary Latin	4.0	LIT 2	Modern American Literature	3.0	<i>or</i>		
READ 100	Analysis and Critical Reading	3.0	LATN 2	Continuing Elementary Latin	4.0	LIT 6A	Survey of English Literature	3.0	CHEM 50H	General Chemistry I - Honors	5.0
SIGN 210	American Sign Language Structure	3.0	ARAB 1	Elementary Arabic	4.0		<i>or</i>		CHEM 51	General Chemistry II	5.0
STDY 100	Student Achievement and Fundamentals of Learning	3.0	ARAB 2	Continuing Elementary Arabic	4.0	LIT 6B	Survey of English Literature	3.0	PHYS 4A	Engineering Physics	5.0
<b>Language Arts and Diversity (minimum 6 units selected from the following):</b>			SIGN 101	American Sign Language 1	4.0	LIT 40	Children's Literature	3.0	PHYS 4B	Engineering Physics	5.0
SPAN 1	Elementary Spanish	4.0	SIGN 102	American Sign Language 2	4.0	R-TV 05	Radio-TV Newswriting	3.0	PHYS 4C	Engineering Physics	5.0
SPAN 2	Continuing Elementary Spanish	4.0	SIGN 103	American Sign Language 3	4.0	SPCH 4	Performance of Literature	3.0			
SPAN 3	Intermediate Spanish	4.0	SIGN 104	American Sign Language 4	4.0	<b>Total Units for Area of Emphasis</b>		<b>18.0</b>	<b>Associate in Arts degree in Liberal Arts and Sciences</b>		
SPAN 4	Continuing Intermediate Spanish	4.0	SIGN 105	American Sign Language 5	4.0				<b>Emphasis in Music Degree A8990</b>		
SPAN 11	Spanish for the Spanish Speaking	4.0	LIT 3	Multicultural American Literature	3.0				An emphasis in Music provides the student with an understanding of music theory, harmony and the history of western music. In addition to the foundational Music courses, students select courses in piano and a performance ensemble.		
SPAN 12	Continuing Spanish for the Spanish Speaking	4.0	LIT 11A	World Literature to 1650	3.0				<b>Required Courses:</b>		
SPAN 53	Conversational Spanish	3.0	LIT 11B	World Literature from 1650	3.0				MUS 2	Music Theory	3.0
SPAN 54	Continuing Conversational Spanish	3.0	LIT 20	African American Literature	3.0				MUS 3A	Harmony - Diatonic	3.0
FRCH 1	Elementary French	4.0	LIT 25	Contemporary Mexican American Literature	3.0				MUS 5A	Musicianship - Ear Training and Sight Singing	1.0
FRCH 2	Continuing Elementary French	4.0	CHLD 50	Multicultural Education: Anti-Bias Perspective	3.0				MUS 5B	Musicianship - Diatonic	1.0
FRCH 3	Intermediate French	4.0	JOUR 100	Introduction to Mass Media	3.0				MUS 11A	Music Literature Survey	3.0
FRCH 4	Continuing Intermediate French	4.0	JOUR 107	Race, Culture, Sex, and Mass Media Images	3.0				MUS 16	Individual Instruction	0.5
FRCH 5	Advanced French	4.0	R-TV 01	Introduction to Electronic Media	3.0				MUS 22	Conducting	1.5
FRCH 6	Continuing Advanced French	4.0	<b>Personal Options (minimum 3 units selected from the following):</b>						<b>Piano (2 units selected from the following courses):</b>		
FRCH 53	Intermediate Conversational French	3.0	BUSO 25	Business Communications	3.0				MUS 17A	Elementary Piano	1.0
FRCH 54	Continuing Intermediate Conversational French	3.0	CHLD 61	Language Arts and Art Media for Young Children	3.0				MUS 17B	Intermediate Class Piano	1.0
ITAL 1	Elementary Italian	4.0	ENGL 1B	English - Introduction to Literary Types	3.0				MUS 18	Advanced Class Piano	1.0
ITAL 2	Continuing Elementary Italian	4.0		<i>or</i>					<b>Performance Ensemble (3 units selected from the following courses):</b>		
ITAL 3	Intermediate Italian	4.0	ENGL 1BH	English - Introduction to Literary Types - Honors	3.0				MUS 27	Chamber Music	1.5
ITAL 4	Continuing Intermediate Italian	4.0	ENGL 8A	Creative Writing - Fiction	3.0				MUS 30	Collegiate Chorale	1.0
ITAL 52	Conversational Italian	3.0	ENGL 8B	Creative Writing - Poetry	3.0				MUS 31	Concert Choir	1.5
ITAL 53	Continuing Conversational Italian	3.0	ENGL 8C	Creative Writing - Novel	3.0				MUS 34	Women's Vocal Ensemble	2.0
ITAL 54	Advanced Conversational Italian	3.0	ENGL 8D	Creative Writing - Poetry Collection	3.0				MUS 36	Wind Symphony	1.0
GERM 1	Elementary German	4.0	ENGL 8E	Creative Writing - Memoir	3.0				MUS 38	Ensemble	0.5
GERM 2	Continuing Elementary German	4.0	ENGL 8F	Creative Writing - Nonfiction	3.0				MUS 39	Laboratory Band	2.0
GERM 3	Intermediate German	4.0	ENGL 9	Writing the Personal Journal	3.0				MUS 44	Vocal Jazz Ensemble	3.0
CHIN 1	Elementary Chinese	4.0	JOUR 101	Beginning Newswriting	3.0				MUS 45	Chamber Singers	2.0
CHIN 2	Continuing Elementary Chinese	4.0		<i>or</i>					MUS 46	Mt. SAC Singers	1.5
CHIN 3	Intermediate Chinese	4.0	JOUR 102	Intermediate Newswriting	3.0				MUS 47	Jazz Ensemble	2.0
CHIN 4	Continuing Intermediate Chinese	4.0	JOUR 108	Writing for Public Relations	3.0				MUS 48	Men's Vocal Ensemble	2.0
JAPN 1	Elementary Japanese	4.0	LIT 1	Early American Literature	3.0						
JAPN 2	Continuing Elementary Japanese	4.0		<i>or</i>							
JAPN 3	Intermediate Japanese	4.0									
JAPN 4	Continuing Intermediate Japanese	4.0									
JAPN 5	Advanced Japanese	4.0									
<b>Associate in Arts Degree in Liberal Arts and Sciences</b>											
<b>Emphasis in Mathematics Degree A8989</b>											
An emphasis in Mathematics provides the student with an understanding of college level mathematics. In addition to the foundational calculus courses, students may select from computer science programming options.											
<b>Required Courses: (Minimum 18 units selected from the following with at most two CSCI courses)</b>											
MATH 130	College Algebra	4.0	MATH 140	Calculus for Business	4.0	MATH 150	Trigonometry	3.0	MATH 160	Precalculus Mathematics	4.0
MATH 180	Calculus and Analytic Geometry	4.0	MATH 181	Calculus and Analytic Geometry	5.0	MATH 245	A Transition to Advanced Mathematics	3.0	MATH 280	Calculus and Analytic Geometry	5.0
MATH 285	Lin Algebra & Diff Equtns	5.0	CSCI 110	Fundamentals of Computer Science	3.5	CSCI 140	C++ Language & Objects	4.0	CSCI 145	Java Language and Object Oriented Programming	4.0
<b>Total Units for Area of Emphasis</b>		<b>18.0</b>									
<b>Recommended Electives:</b>											
MATH 100	Survey of College Mathematics	3.0	MATH 110	Elementary Statistics	3.0	MATH 110H	Elementary Statistics - Honors	3.0	MATH 115	Statway II	5.0
MATH 120	Finite Mathematics	3.0	CHEM 50	General Chemistry I	5.0						

PROGRAMS OF STUDY LEADING TO AN ASSOCIATE DEGREE

**Programs of Study Leading to an Associate Degree**

MUS 49	Wind Ensemble	2.0
<b>Total Units for Area of Emphasis</b>		<b>18.0 - 19.0</b>
<b>Strongly Recommended Electives</b>		
MUS 11B	Music Literature Survey	3.0
MUS 16	Individual Instruction	0.5
MUS 9	Introduction to Music Technology	3.0

**Associate in Arts degree in Liberal Arts and Sciences**

**Emphasis in Natural Sciences Degree A8988**

An emphasis in Natural Sciences provides the student with an understanding of living and non-living systems and promotes an appreciation of the methodologies and tools of science. Students may select courses that focus on a specific major and then select complementary courses to strengthen their selected focus or they may select courses that strengthen and broaden their overall understanding of the Natural Sciences.

**Required Courses:**

**Select a minimum of 18 units from the following:**

ASTR 5	Introduction to Astronomy	3.0
<i>or</i>		
ASTR 5H	Introduction to Astronomy Honors	3.0
ASTR 5L	Astronomical Observing Laboratory	1.0
<i>or</i>		
ASTR 7	Geology of the Solar System	3.0
ASTR 5L	Astronomical Observing Laboratory	1.0
<i>or</i>		
ASTR 8	Introduction to Stars, Galaxies, and the Universe	3.0
ASTR 5L	Astronomical Observing Laboratory	1.0
BIOL 2	Plant and Animal Biology	4.0
BIOL 3	Ecology and Field Biology	4.0
BIOL 4	Biology for Majors	4.0
<i>or</i>		
BIOL 4H	Biology for Majors - Honors	4.0
BIOL 8	Cell and Molecular Biology	4.0
BIOL 20	Marine Biology	3.0
<i>and</i>		
BIOL 21	Marine Biology Laboratory	1.0
BIOL 34	Fundamentals of Genetics	3.0

BTNY 3	Plant Structures, Functions, and Diversity	5.0
METO 3	Weather and the Atmospheric Environment	3.0
<i>and</i>		
METO 3L	Weather and Atmospheric Environment Laboratory	1.0
MICR 1	Principles of Microbiology	5.0
<i>or</i>		
MICR 22	Microbiology	4.0
CHEM 50	General Chemistry I	5.0
<i>or</i>		
CHEM 50H	General Chemistry I - Honors	5.0
CHEM 51	General Chemistry II	5.0
CHEM 60	Quantitative Chemical Analysis	5.0
CHEM 80	Organic Chemistry	5.0
CHEM 81	Organic Chemistry II	5.0
GEOG 1	Elements of Physical Geography	3.0
<i>or</i>		
GEOG 1H	Elements of Physical Geography - Honors	3.0
GEOG 1L	Physical Geography Laboratory	1.0
GEO 1	Physical Geology	4.0
GEO 2	Historical Geology	4.0
GEO 8	Earth Science	3.0
<i>or</i>		
GEO 8H	Earth Science - Honors	3.0
<i>and</i>		
GEO 8L	Earth Science Laboratory	1.0
OCEA 10	Introduction to Oceanography	3.0
<i>or</i>		
OCEA 10H	Introduction to Oceanography - Honors	3.0
<i>and</i>		
OCEA 10L	Introduction to Oceanography Laboratory	1.0
PHSC 7	Physical Science	3.0
<i>and</i>		
PHSC 7L	Physical Science Laboratory	1.0
PHYS 2AG	General Physics	4.0
PHYS 2BG	General Physics	4.0
PHYS 4A	Engineering Physics	5.0
PHYS 4B	Engineering Physics	5.0
PHYS 4C	Engineering Physics	5.0
ENGR 40	Statics	3.0

ENGR 41	Dynamics	3.0
<b>Total Units for Area of Emphasis</b>		<b>18.0</b>

**Associate in Arts degree in Liberal Arts and Sciences**

**Emphasis in Social & Behavioral Sciences Degree A8991**

An emphasis in Social & Behavioral Sciences provides the student with an understanding of statistics, cultural and gender diversity, the development of the person, biology as it relates to behavior or society, and the historical and political implications on society.

**Required Courses:**

**Foundation (minimum of 6-7 units from the following courses):**

ANTH 1	Biological Anthropology	3.0
<i>or</i>		
ANTH 1H	Biological Anthro - Honors	3.0
BUSC 1A	Principles of Economics - Macroeconomics	3.0
<i>or</i>		
BUSC 1AH	Principles of Economics - Macroeconomics - Honors	3.0
BUSC 1B	Principles of Economics - Microeconomics	3.0
<i>or</i>		
BUSC 1BH	Principles of Economics - Microeconomics - Honors	3.0
HIST 1	History of the United States	3.0
<i>or</i>		
HIST 7	History of the United States	3.0
<i>or</i>		
HIST 7H	History of the United States - Honors	3.0
POLI 1	Political Science	3.0
<i>or</i>		
POLI 1H	Political Science - Honors	3.0
PSYC 1A	Introduction to Psychology	3.0
<i>or</i>		
PSYC 1AH	Introduction to Psychology - Honors	3.0
SOC 1	Sociology	3.0
<i>or</i>		
SOC 1H	Sociology - Honors	3.0

**PLUS one of the following:**

MATH 110	Elementary Statistics	3.0
<i>or</i>		
MATH 110H	Elementary Statistics - Honors	3.0
<i>or</i>		
PSYC 10	Statistics for the Behavioral Sciences	4.0
<b>Cultural &amp; Gender Diversity (minimum of 3 units selected from the following):</b>		
ANTH 30	The Native American	3.0
ANTH 5	Principles of Cultural Anthropology	3.0
<i>or</i>		
ANTH 22	General Cultural Anthropology	3.0
BIOL 15	Human Sexuality	3.0
<i>or</i>		
BIOL 15H	Human Sexuality - Honors	3.0
GEOG 2	Human Geography	3.0
<i>or</i>		
GEOG 2H	Human Geography - Honors	3.0
GEOG 5	World Regional Geography	3.0
<i>or</i>		
GEOG 30	Geography of California	3.0
<i>or</i>		
GEOG 30H	Geography of California - Honors	3.0
HIST 36	Women in American History	3.0
JOUR 100	Introduction to Mass Media	3.0
JOUR 107	Race, Culture, Sex, and Mass Media Images	3.0
POLI 25	Latino Politics in the United States	3.0
POLI 35	African American Politics	3.0
PSYC 25	The Psychology of Women	3.0
PSYC 26	Psychology of Sexuality	3.0
R-TV 01	Introduction to Electronic Media	3.0
SOC 5	Introduction to Criminology	3.0
SOC 14	Marriage and the Family	3.0
<i>or</i>		
SOC 14H	Marriage and the Family - Honors	3.0
SOC 20	Sociology of Ethnic Relations	3.0
<i>or</i>		
SOC 20H	Sociology of Ethnic Relations - Honors	3.0
SPCH 7	Intercultural Communication	3.0
<i>or</i>		
SPCH 7H	Intercultural Communication Honors	3.0