# SIERRA COLLEGE ASSOCIATE DEGREE REQUIREMENTS 2017-2018

Sierra College Philosophy for General Education: General education is designed to introduce students to the variety of means through which people comprehend the modern world. General education introduces the content and methodology of the major areas of knowledge: the humanities and fine arts, the natural sciences and the social sciences. The general education program provides the opportunity for students to develop the intellectual skills, information technology facility, affective and creative capabilities, social attitudes and appreciation for cultural diversity that will make them effective learners and citizens.

# I. General Education Breadth Requirements

## **A. Natural Sciences**

(For an AS degree: must complete a laboratory science. Laboratory courses/course combinations are indicated by an asterisk.)

#### Select 3 units from the following:

#### Life Sciences

Life Sciences	
AGRI 0156	Introduction to Plant Science *
AGRI 0198	Food, Society and the Environment
AGRI 0200	Introduction to Animal Science *
ANTH 0001	Physical Anthropology
ANTH 0001 & 0001L	Physical Anthropology and Physical Anthropology Laboratory <sup>*</sup>
ANTH 0010	Introduction to Forensic Anthropology
ASTR 0007	Life in the Universe
BIOL 0001	General Biology *
BIOL 0002	Botany <sup>*</sup>
BIOL 0003	General Zoology *
BIOL 0004	Microbiology *
BIOL 0005	Human Anatomy *
BIOL 0006	Human Physiology <sup>*</sup>
BIOL 0007A & BIOL 0007B	Human Anatomy I and Human Anatomy II $^{\star}$
BIOL 0008A & BIOL 0008B	Microbiology I and Microbiology II <sup>*</sup>
BIOL 0010	Introduction to Biology
BIOL 0011	Concepts of Biology *
BIOL 0014	Natural History, Ecology and Conservation *
BIOL 0015	Marine Biology *
BIOL 0021	Introduction to Plant Science *
BIOL 0024	Wildland Trees and Shrubs (Dendrology) <sup>*</sup>
BIOL 0030	Introduction to Ornithology
BIOL 0033	Introduction to Zoology *
BIOL 0035	Introduction to Entomology
BIOL 0036	Introduction to Mammalogy

BIOL 0055	General Human Anatomy and Physiology <sup>*</sup>
BIOL 0056	Biology: A Human Perspective
BIOL 0056 & 0056L	Biology: A Human Perspective and Biology: A Human Perspective Laboratory
ESS 0001	The Environment and the Human Impact
ESS 0006	The Sierra Nevada
ESS 0010	Conservation of Natural Resources
ESS 0014	Natural History, Ecology and Conservation *
PSYC 0140	Introduction to Biopsychology
PSYC 0140	Introduction to Biopsychology
& 0140L	and Biopsychology Laboratory
Physical Sciences	Introduction to Soil Science *
AGRI 0221	
ASTR 0002 ASTR 0002	Introduction to Planetary Systems
& ASTR 0002	Introduction to Planetary Systems and Observational Astronomy *
ASTR 0002	Introduction to Planetary Systems
& ASTR 0014	and Astrophotography and Imaging *
ASTR 0005	Introduction to Stars, Galaxies, and the Universe
ASTR 0005	Introduction to Stars, Galaxies, and the
& ASTR 0011	Universe and Observational Astronomy <sup>*</sup>
ASTR 0005 & ASTR 0014	Introduction to Stars, Galaxies, and the Universe and Astrophotography and Imaging <sup>*</sup>
ASTR 0007	Life in the Universe
ASTR 0010	Elementary Astronomy
ASTR 0010	Elementary Astronomy
& ASTR 0011	and Observational Astronomy *
ASTR 0010	Elementary Astronomy
& ASTR 0014	and Astrophotography and Imaging $^{st}$
ASTR 0025	Frontiers in Astronomy
CHEM 0001A	General Chemistry I *
CHEM 0001B	General Chemistry II
CHEM 0002A	Introduction to Chemistry I *
CHEM 0002B	Introduction to Chemistry II
CHEM 0003A	General Chemistry I - Part 1 *
CHEM 0003B	General Chemistry I - Part 2 *
ESCI 0001	Physical Geology
ESCI 0001 & 0001L	Physical Geology and Physical Geology Laboratory <sup>*</sup>
ESCI 0002	California Geology
ESCI 0003	Historical Geology
ESCI 0003	Historical Geology
& 0003L	and Historical Geology Laboratory *
ESCI 0007	Energy, Environment, and Climate
ESCI 0010	Introduction to Earth Science
ESCI 0010	Introduction to Earth Science
& 0010L	and Introduction to Earth Science Laboratory <sup>*</sup>

ESCI 0015	Introduction to Oceanography	ANTH 0027	Anthropology of Sex, Gender and
ESCI 0015	Introduction to Oceanography		Sexuality
& 0015L	and Introduction to Oceanography Laboratory *	COMM 0001	Fundamentals of Public Speaking
ESCI 0050	Geology of National Parks and	COMM 0003	Small Group Communication
L3010030	Monuments	COMM 0005	Communication Foundations
ESS 0001	The Environment and the Human	COMM 0007	Intercultural Communication
	Impact	COMM 0008	Interpersonal Communication
ESS 0006	The Sierra Nevada	COMM 0010	Communication Theory, Methods, and Practice
ESS 0007	Energy, Environment, and Climate	COMM 0070	Mass Communication: Media and
ESS 0010	Conservation of Natural Resources		Society
GEOG 0001	Physical Geography	COMM 0071	Newswriting and Reporting Techniques
GEOG 0001	Physical Geography	COMM 0072	Multimedia Reporting
& 0001L	and Physical Geography Laboratory *	ESS 0001	The Environment and the Human
GEOG 0004	Weather and Climate		Impact
MATH 0030	Analytical Geometry and Calculus I	GEOG 0003	Geography of California
MECH 0001	The Science of Electronics	HDEV 0001	Human Development through the
PHYS 0010	Basic Concepts in Physics		Lifespan
PHYS 0010	Basic Concepts in Physics	HDEV 0004	Child, Family, and Community
& 0010L	and Basic Concepts in Physics Laboratory *	HDEV 0009	Child and Adolescent Development
PHYS 0105	General Physics I	HDEV 0021	Psychology of Intimate Relationships
PHYS 0105	General Physics I		and Family
& 0105L	and General Physics I Laboratory *	HDEV 0022	The Family
PHYS 0110	General Physics II	HDEV 0025	Culture and Diversity in Early Childhood Education
PHYS 0110	General Physics II	HUM 0003	Introduction to Asian Humanities
& 0110L	and General Physics II Laboratory $^{st}$	NUTF 0010	Principles of Nutrition
PHYS 0205	Principles of Physics: Mechanics	NUTF 0014	Nutrition for Physical Performance
PHYS 0205	Principles of Physics: Mechanics	PSYC 0100	General Principles of Psychology
& 0205L	and Principles of Physics Laboratory:	PSYC 0103	Social Psychology
PHYS 0210	Mechanics Dringing of Dhuging Floatsicity and	PSYC 0104	Developmental Psychology
PH15 0210	Principles of Physics: Electricity and Magnetism	PSYC 0105	Research Methods in Psychology
PHYS 0210	Principles of Physics: Electricity and	PSYC 0106	Psychology of Adjustment
& 0210L	Magnetism	PSYC 0107	Abnormal Psychology
	and Principles of Physics Laboratory:	PSYC 0108	Psychology of Death and Dying
	Electricity and Magnetism *	PSYC 0110	Psychology of Intimate Relationships
PHYS 0215	Principles of Physics: Heat, Waves and		and Family
	Modern Physics	PSYC 0127	Psychology of Women
PHYS 0215 & 0215L	Principles of Physics: Heat, Waves and Modern Physics	PSYC 0130	Human Sexuality
& UZIJE	and Principles of Physics Laboratory:	PSYC 0150	Alcohol, Drugs and Society
	Heat, Waves and Modern Physics *	PSYC 0160	Psychology and Film
		PSYC 0170	Environmental Psychology
	ehavioral Sciences	SOC 0001	Introduction to Sociology
Select 3 units from	-	SOC 0002	Social Problems
Behavioral Sciences		SOC 0003	Race, Ethnicity and Inequality
ANTH 0002	Cultural Anthropology	SOC 0004	The Family
ANTH 0004	Native Peoples of North America	SOC 0005	Sociology of Women's Health
ANTH 0005	Introduction to Archaeology	SOC 0009	Introduction to Crime, Deviance, and Social Control
ANTH 0006	Introduction to Linguistic Anthropology	SOC 0011	Introduction to Hip Hop and Social
ANTH 0007	Native Peoples of California	300 0011	Justice
ANTH 0009	Magic, Witchcraft, Ritual, Myth and Religion	SOC 0024	Introduction to Sociology of Sport
ANTH 0012	Anthropology of Games and Play	SOC 0110	Introduction to Social Justice
ANTH 0012	Globalization Studies	SSCI 0010	Introduction to Ethnic Studies

SSCI 0013	Dialogues in American Culture
Social Sciences	
ADMJ 0050	Introduction to Administration of Justice
AGRI 0196	Introduction to Sustainable Agriculture
AGRI 0198	Food, Society and the Environment
AGRI 0215	Introduction to Agricultural Business and Economics
BUS 0049	Law and Society
ECON 0001A	Principles of Macroeconomics
ECON 0001B	Principles of Microeconomics
FASH 0015	Clothing and Culture
GEOG 0002	Cultural Geography
GEOG 0003	Geography of California
GEOG 0005	World Regional Geography
HIST 0004A	Western Civilization to 1715
HIST 0004B	Western Civilization since 1715
HIST 0017A	History of the United States to 1877
HIST 0017B	History of the United States since 1865
HIST 0018A	The African American Experience in American History to 1877
HIST 0018B	The African American Experience in American History since 1877
HIST 0019A	History of Traditional East Asia
HIST 0019B	History of Modern East Asia
HIST 0020	California History
HIST 0021	Contemporary United States History
HIST 0022	American Military History
HIST 0023	Chicano/Mexican American History
HIST 0024	Russian History - 10th Century to Present
HIST 0025	Native American History
HIST 0027	Women in American History
HIST 0050	World History to 1500
HIST 0051	World History since 1500
HUM 0009	Introduction to Women, Gender and Religion
LGBT 0001	Introduction to LGBT Studies/Queer Theory
POLS 0001	American Government
POLS 0002	Comparative Government
POLS 0003	International Relations
POLS 0004	Russian and East European Political Systems
POLS 0005	California Politics and Governement
POLS 0007	Politics of the Developing World
POLS 0008	American Foreign Policy
POLS 0009	Politics of the Middle East
POLS 0012	Terrorism
POLS 0016	Introduction to Political Theory
POLS 0017	Introduction to Political Science Research Methods
POLS 0027	Women and Politics in a Global Society
PSYC 0170	Environmental Psychology

PSYC 0180	Cultural Psychology
SOC 0010	Feminism and Social Action
SOC 0027	Sociology of Gender
SSCI 0020	African American Culture and Experience
SSCI 0025	Mexican American/Latino Culture and Image
SSCI 0030	Immigration, Community and Culture: The Asian American Experience
SSCI 0035	Immigrants and Refugees in America: The European Experience
SSCI 0041	Introduction to Native American Studies
SSCI 0045	Native American Cultures and the Impact of Federal Policy
SSCI 0050	Ethnic Images in Film
WMST 0001	Introduction to Women's Studies
WMST 0002	Introduction to LGBT Studies/Queer Theory
WMST 0003	Introduction to Women, Gender and Religion
WMST 0004	Feminism and Social Action
o u	
C. Humanities	
Select 3 units from	n the following:
Fine Arts	
AAD 0044	Sketching for Design
AAD 0060	Graphic Design: Principles and Process
AAD 0060 AAD 0089	Graphic Design: Principles and Process Documentary Filmmaking
AAD 0060 AAD 0089 ARHI 0101	Graphic Design: Principles and Process Documentary Filmmaking Art Appreciation
AAD 0060 AAD 0089	Graphic Design: Principles and Process Documentary Filmmaking
AAD 0060 AAD 0089 ARHI 0101	Graphic Design: Principles and Process Documentary Filmmaking Art Appreciation Survey of Western Art I: Prehistory
AAD 0060 AAD 0089 ARHI 0101 ARHI 0110	Graphic Design: Principles and Process Documentary Filmmaking Art Appreciation Survey of Western Art I: Prehistory through the Middle Ages Survey of Western Art II: Renaissance
AAD 0060 AAD 0089 ARHI 0101 ARHI 0110 ARHI 0120	<ul> <li>Graphic Design: Principles and Process</li> <li>Documentary Filmmaking</li> <li>Art Appreciation</li> <li>Survey of Western Art I: Prehistory through the Middle Ages</li> <li>Survey of Western Art II: Renaissance Traditions</li> <li>Survey of Western Art III: Modern</li> </ul>
AAD 0060 AAD 0089 ARHI 0101 ARHI 0110 ARHI 0120 ARHI 0130	Graphic Design: Principles and ProcessDocumentary FilmmakingArt AppreciationSurvey of Western Art I: Prehistorythrough the Middle AgesSurvey of Western Art II: RenaissanceTraditionsSurvey of Western Art III: Modernthrough Contemporary
AAD 0060 AAD 0089 ARHI 0101 ARHI 0110 ARHI 0120 ARHI 0130 ARHI 0132	<ul> <li>Graphic Design: Principles and Process</li> <li>Documentary Filmmaking</li> <li>Art Appreciation</li> <li>Survey of Western Art I: Prehistory through the Middle Ages</li> <li>Survey of Western Art II: Renaissance Traditions</li> <li>Survey of Western Art III: Modern through Contemporary</li> <li>History of Women in Art</li> </ul>
AAD 0060 AAD 0089 ARHI 0101 ARHI 0110 ARHI 0120 ARHI 0130 ARHI 0132 ARHI 0134	<ul> <li>Graphic Design: Principles and Process</li> <li>Documentary Filmmaking</li> <li>Art Appreciation</li> <li>Survey of Western Art I: Prehistory through the Middle Ages</li> <li>Survey of Western Art II: Renaissance Traditions</li> <li>Survey of Western Art III: Modern through Contemporary</li> <li>History of Women in Art</li> <li>History and Aesthetics of Photography</li> <li>History of the Arts of Africa, the</li> </ul>
AAD 0060 AAD 0089 ARHI 0101 ARHI 0110 ARHI 0120 ARHI 0130 ARHI 0132 ARHI 0134 ARHI 0140	<ul> <li>Graphic Design: Principles and Process</li> <li>Documentary Filmmaking</li> <li>Art Appreciation</li> <li>Survey of Western Art I: Prehistory through the Middle Ages</li> <li>Survey of Western Art II: Renaissance Traditions</li> <li>Survey of Western Art III: Modern through Contemporary</li> <li>History of Women in Art</li> <li>History and Aesthetics of Photography</li> <li>History of the Arts of Africa, the Americas, and Oceania</li> </ul>
AAD 0060 AAD 0089 ARHI 0101 ARHI 0110 ARHI 0120 ARHI 0130 ARHI 0132 ARHI 0134 ARHI 0140 ARHI 0150	<ul> <li>Graphic Design: Principles and Process</li> <li>Documentary Filmmaking</li> <li>Art Appreciation</li> <li>Survey of Western Art I: Prehistory through the Middle Ages</li> <li>Survey of Western Art II: Renaissance Traditions</li> <li>Survey of Western Art III: Modern through Contemporary</li> <li>History of Women in Art</li> <li>History and Aesthetics of Photography</li> <li>History of the Arts of Africa, the Americas, and Oceania</li> <li>History of Asian Art</li> </ul>
AAD 0060 AAD 0089 ARHI 0101 ARHI 0110 ARHI 0120 ARHI 0120 ARHI 0132 ARHI 0132 ARHI 0134 ARHI 0134 ARHI 0150 ARHI 0155	<ul> <li>Graphic Design: Principles and Process</li> <li>Documentary Filmmaking</li> <li>Art Appreciation</li> <li>Survey of Western Art I: Prehistory through the Middle Ages</li> <li>Survey of Western Art II: Renaissance Traditions</li> <li>Survey of Western Art III: Modern through Contemporary</li> <li>History of Women in Art</li> <li>History and Aesthetics of Photography</li> <li>History of the Arts of Africa, the Americas, and Oceania</li> <li>History of Islamic Art</li> </ul>
AAD 0060         AAD 0089         ARHI 0101         ARHI 0110         ARHI 0120         ARHI 0130         ARHI 0132         ARHI 0134         ARHI 0140         ARHI 0150         ARHI 0155         ARHI 0102	<ul> <li>Graphic Design: Principles and Process</li> <li>Documentary Filmmaking</li> <li>Art Appreciation</li> <li>Survey of Western Art I: Prehistory through the Middle Ages</li> <li>Survey of Western Art II: Renaissance Traditions</li> <li>Survey of Western Art III: Modern through Contemporary</li> <li>History of Women in Art</li> <li>History and Aesthetics of Photography</li> <li>History of the Arts of Africa, the Americas, and Oceania</li> <li>History of Islamic Art</li> <li>Two-Dimensional Design Foundations</li> </ul>
AAD 0060 AAD 0089 ARHI 0101 ARHI 0110 ARHI 0120 ARHI 0120 ARHI 0130 ARHI 0132 ARHI 0134 ARHI 0134 ARHI 0155 ARHI 0155 ART 0002 ART 0003	<ul> <li>Graphic Design: Principles and Process</li> <li>Documentary Filmmaking</li> <li>Art Appreciation</li> <li>Survey of Western Art I: Prehistory through the Middle Ages</li> <li>Survey of Western Art II: Renaissance Traditions</li> <li>Survey of Western Art III: Modern through Contemporary</li> <li>History of Women in Art</li> <li>History and Aesthetics of Photography</li> <li>History of the Arts of Africa, the Americas, and Oceania</li> <li>History of Islamic Art</li> <li>Two-Dimensional Design Foundations</li> <li>Three-Dimensional Design Foundations</li> </ul>
AAD 0060         AAD 0089         ARHI 0101         ARHI 0110         ARHI 0120         ARHI 0130         ARHI 0132         ARHI 0134         ARHI 0150         ARHI 0155         ARHI 0155         ART 0002         ART 0004A	<ul> <li>Graphic Design: Principles and Process</li> <li>Documentary Filmmaking</li> <li>Art Appreciation</li> <li>Survey of Western Art I: Prehistory through the Middle Ages</li> <li>Survey of Western Art II: Renaissance Traditions</li> <li>Survey of Western Art III: Modern through Contemporary</li> <li>History of Women in Art</li> <li>History and Aesthetics of Photography</li> <li>History of the Arts of Africa, the Americas, and Oceania</li> <li>History of Asian Art</li> <li>History of Islamic Art</li> <li>Two-Dimensional Design Foundations</li> <li>Three-Dimensional Design Foundations</li> <li>Drawing I</li> </ul>
AAD 0060         AAD 0089         ARHI 0101         ARHI 0110         ARHI 0120         ARHI 0120         ARHI 0132         ARHI 0134         ARHI 0150         ARHI 0155         ARHI 0155         ART 0002         ART 0004A         ART 0004B	<ul> <li>Graphic Design: Principles and Process</li> <li>Documentary Filmmaking</li> <li>Art Appreciation</li> <li>Survey of Western Art I: Prehistory through the Middle Ages</li> <li>Survey of Western Art II: Renaissance Traditions</li> <li>Survey of Western Art III: Modern through Contemporary</li> <li>History of Women in Art</li> <li>History and Aesthetics of Photography</li> <li>History of the Arts of Africa, the Americas, and Oceania</li> <li>History of Islamic Art</li> <li>History of Islamic Art</li> <li>Two-Dimensional Design Foundations</li> <li>Drawing I</li> <li>Drawing II</li> <li>Figure Drawing I</li> <li>Color Theory</li> </ul>
AAD 0060         AAD 0089         ARHI 0101         ARHI 0110         ARHI 0120         ARHI 0132         ARHI 0132         ARHI 0134         ARHI 0150         ARHI 0155         ARHI 0155         ART 0002         ART 0004A         ART 0005A         ART 0007A	<ul> <li>Graphic Design: Principles and Process</li> <li>Documentary Filmmaking</li> <li>Art Appreciation</li> <li>Survey of Western Art I: Prehistory through the Middle Ages</li> <li>Survey of Western Art II: Renaissance Traditions</li> <li>Survey of Western Art III: Modern through Contemporary</li> <li>History of Women in Art</li> <li>History and Aesthetics of Photography</li> <li>History of the Arts of Africa, the Americas, and Oceania</li> <li>History of Asian Art</li> <li>History of Islamic Art</li> <li>Two-Dimensional Design Foundations</li> <li>Three-Dimensional Design Foundations</li> <li>Drawing I</li> <li>Figure Drawing I</li> <li>Color Theory</li> <li>Oil Painting I</li> </ul>
AAD 0060         AAD 0089         ARHI 0101         ARHI 0110         ARHI 0120         ARHI 0120         ARHI 0130         ARHI 0132         ARHI 0134         ARHI 0150         ARHI 0155         ARHI 0155         ART 0002         ART 0004A         ART 0005A         ART 0007A         ART 0008A	<ul> <li>Graphic Design: Principles and Process</li> <li>Documentary Filmmaking</li> <li>Art Appreciation</li> <li>Survey of Western Art I: Prehistory through the Middle Ages</li> <li>Survey of Western Art II: Renaissance Traditions</li> <li>Survey of Western Art III: Modern through Contemporary</li> <li>History of Women in Art</li> <li>History and Aesthetics of Photography</li> <li>History of the Arts of Africa, the Americas, and Oceania</li> <li>History of Islamic Art</li> <li>History of Islamic Art</li> <li>Two-Dimensional Design Foundations</li> <li>Three-Dimensional Design Foundations</li> <li>Drawing I</li> <li>Drawing I</li> <li>Golor Theory</li> <li>Oil Painting I</li> <li>Watercolor Painting I</li> </ul>
AAD 0060         AAD 0089         ARHI 0101         ARHI 0110         ARHI 0120         ARHI 0130         ARHI 0132         ARHI 0134         ARHI 0150         ARHI 0150         ARHI 0155         ARHI 0155         ART 0002         ART 0004A         ART 0005A         ART 0007A         ART 0009A	<ul> <li>Graphic Design: Principles and Process</li> <li>Documentary Filmmaking</li> <li>Art Appreciation</li> <li>Survey of Western Art I: Prehistory through the Middle Ages</li> <li>Survey of Western Art II: Renaissance Traditions</li> <li>Survey of Western Art III: Modern through Contemporary</li> <li>History of Women in Art</li> <li>History and Aesthetics of Photography</li> <li>History of the Arts of Africa, the Americas, and Oceania</li> <li>History of Islamic Art</li> <li>Two-Dimensional Design Foundations</li> <li>Drawing I</li> <li>Drawing I</li> <li>Color Theory</li> <li>Oil Painting I</li> <li>Watercolor Painting I</li> <li>Acrylic Painting I</li> </ul>
AAD 0060         AAD 0089         ARHI 0101         ARHI 0110         ARHI 0120         ARHI 0120         ARHI 0130         ARHI 0132         ARHI 0134         ARHI 0155         ARHI 0155         ART 0002         ART 0004A         ART 0005A         ART 0007A         ART 0009A         ART 0012A	<ul> <li>Graphic Design: Principles and Process</li> <li>Documentary Filmmaking</li> <li>Art Appreciation</li> <li>Survey of Western Art I: Prehistory through the Middle Ages</li> <li>Survey of Western Art II: Renaissance Traditions</li> <li>Survey of Western Art III: Modern through Contemporary</li> <li>History of Women in Art</li> <li>History and Aesthetics of Photography</li> <li>History of the Arts of Africa, the Americas, and Oceania</li> <li>History of Islamic Art</li> <li>History of Islamic Art</li> <li>Two-Dimensional Design Foundations</li> <li>Drawing I</li> <li>Drawing II</li> <li>Figure Drawing I</li> <li>Color Theory</li> <li>Oil Painting I</li> <li>Watercolor Painting I</li> <li>Acrylic Painting I</li> <li>Sculpture I</li> </ul>
AAD 0060         AAD 0089         ARHI 0101         ARHI 0110         ARHI 0120         ARHI 0130         ARHI 0132         ARHI 0134         ARHI 0150         ARHI 0150         ARHI 0155         ARHI 0155         ART 0002         ART 0004A         ART 0005A         ART 0007A         ART 0009A	<ul> <li>Graphic Design: Principles and Process</li> <li>Documentary Filmmaking</li> <li>Art Appreciation</li> <li>Survey of Western Art I: Prehistory through the Middle Ages</li> <li>Survey of Western Art II: Renaissance Traditions</li> <li>Survey of Western Art III: Modern through Contemporary</li> <li>History of Women in Art</li> <li>History and Aesthetics of Photography</li> <li>History of the Arts of Africa, the Americas, and Oceania</li> <li>History of Islamic Art</li> <li>Two-Dimensional Design Foundations</li> <li>Drawing I</li> <li>Drawing I</li> <li>Color Theory</li> <li>Oil Painting I</li> <li>Watercolor Painting I</li> <li>Acrylic Painting I</li> </ul>

ART 0018B	Ceramics II	Literature and Lang	guage
ART 0019	Figure Sculpture	AAD 0012	Visual Communication
ART 0020	Raku Ceramics	COMM 0010	Communication Theory, Methods, and
ART 0022	Creative Design in Metal		Practice
ART 0024	Advanced Art Metal Design	COMM 0012	Visual Communication
ART 0032	Introduction to Fiber Arts	COMM 0072	Multimedia Reporting
ART 0034	Collage and Assemblage	DFST 0001	American Sign Language I
ART 0040A	Printmaking I	DFST 0002	American Sign Language II
ART 0041	Introduction to Jewelry and	DFST 0003	American Sign Language III
	Metalsmithing	DFST 0004	American Sign Language IV
COMM 0006	Performance of Diverse Literatures	DRMA 0021	Script Analysis
DRMA 0010A	Fundamentals of Acting	ENGL 0001B	Critical Thinking and Writing about
DRMA 0013	Introduction to Theatre		Literature
DRMA 0016A	Costume History	ENGL 0016	Introduction to LGBTIQ Literature
DRMA 0021	Script Analysis	ENGL 0024	Introduction to Literary Criticism and
ENGL 0018	Creative Writing (Non-Fiction)		Critical Concepts
ENGL 0019	Introduction to Creative Writing	ENGL 0027	Literature by Women
ENGL 0020	Creative Writing (Poetry)	ENGL 0029	Introduction to Drama as Literature
ENGL 0021	Creative Writing (Fiction)	ENGL 0030A	American Literature - Beginnings
FASH 0012	Fashion History		through Civil War
HUM 0001	Introduction to Humanities I	ENGL 0030B	American Literature - Civil War to the
HUM 0002	Introduction to Humanities II		Present
HUM 0003	Introduction to Asian Humanities	ENGL 0032	Introduction to Poetry
MUS 0002	Music Appreciation	ENGL 0033	Introduction to Shakespeare (The
MUS 0002 MUS 0006A	Music Appreciation Music Theory I		Drama)
MUS 0006B	Music Theory II	ENGL 0034	Introduction to the Novel
MUS 0000B	Music Theory III	ENGL 0035	Introduction to the Short Story
MUS 0009A	Music Theory IV	ENGL 0037	American Film Masterpieces
	Music Fundamentals	ENGL 0038	International Film Masterpieces
MUS 0010		ENGL 0040	The Filmed Novel
MUS 0011	Introduction and History of Jazz	ENGL 0041	The Documentary Film: Argumentative
MUS 0012A	Survey of Music History and Literature to 1750		Discourse
MUS 0012B	Survey of Music History and Literature	ENGL 0042	The Documentary Film
1000 00120	from 1750 to Present	ENGL 0044	Introduction to Children's Literature
MUS 0013	Introduction to Music: History of Rock	ENGL 0045	Introduction to Adolescent Literature
	and Roll	ENGL 0046A	English Literature
MUS 0039A	Beginning Voice	ENGL 0046B	English Literature
MUS 0039B	Intermediate Voice	ENGL 0047A	World Literature
MUS 0039C	Advanced Voice I	ENGL 0047B	World Literature
MUS 0039D	Advanced Voice II	ENGL 0048	Literature of Science Fiction
MUS 0040A	Beginning Piano I	FREN 0001	Elementary French - Level I
MUS 0040B	Beginning Piano II	FREN 0002	Elementary French - Level II
MUS 0040C	Intermediate Piano I	FREN 0003	Intermediate French - Level I
MUS 0040D	Intermediate Piano II	FREN 0004	Intermediate French - Level II
MUS 0046	Jazz Ensemble	GER 0001	Elementary German - Level I
MUS 0047	Vocal Jazz Ensemble	GER 0002	Elementary German - Level II
MUS 0048	Concert Choir	HIST 0004A	Western Civilization to 1715
MUS 0050	Wind Ensemble	HIST 0004B	Western Civilization since 1715
MUS 0050	Symphonic Band	HIST 0017A	History of the United States to 1877
PHOT 0010	History and Aesthetics of Photography	HIST 0017B	History of the United States since 1865
PHOT 0060A	Elementary Photography	HIST 0018A	The African American Experience in American History to 1877
PHOT 0065	Documentary Photography	HIST 0018B	The African American Experience in
PHOT 0089	Documentary Filmmaking		American History since 1877

HIST 0019A	History of Traditional East Asia
HIST 0019B	History of Modern East Asia
HIST 0020	California History
HIST 0021	Contemporary United States History
HIST 0023	Chicano/Mexican American History
HIST 0024	Russian History - 10th Century to Present
HIST 0025	Native American History
HIST 0027	Women in American History
HIST 0050	World History to 1500
HIST 0051	World History since 1500
HDEV 0044	Introduction to Children's Literature
HUM 0005	Classical Roots of the Contemporary Western World
HUM 0009	Introduction to Women, Gender and Religion
HUM 0010	World Religions
HUM 0015	Introduction to Mythology
HUM 0017	Introduction to Atheism
HUM 0020	Introduction to the Hebrew Bible
HUM 0021	Introduction to the New Testament
ITAL 0001	Elementary Italian - Level I
ITAL 0002	Elementary Italian - Level II
ITAL 0003	Intermediate Italian - Level I
JPN 0001	Elementary Japanese - Level I
JPN 0002	Elementary Japanese - Level II
LGBT 0002	Queer (LGBTIQ) Film History
PHIL 0002	Introduction to Philosophy: Ethics
PHIL 0004	Introduction to Critical Thinking
PHIL 0006	Introduction to Philosophy: Knowledge and Reality
PHIL 0010	Philosophy of Religion
PHIL 0013	Introduction to Asian Philosophy
PHIL 0020	History of Ancient Greek Philosophy
PHIL 0021	History of Modern Philosophy
PHIL 0027	Introduction to Philosophy of Women in Western Cultures
PHIL 0030	Introduction to Social and Political Philosophy
PHIL 0060	Introduction to Environmental Ethics
PHIL 0065	Introduction to the Philosophy of Science
SPAN 0001	Elementary Spanish - Level I
SPAN 0002	Elementary Spanish - Level II
SPAN 0003	Intermediate Spanish - Level I
SPAN 0004	Intermediate Spanish - Level II
SPAN 0017	Intermediate Conversational Spanish
SSCI 0050	Ethnic Images in Film
WMST 0003	Introduction to Women, Gender and Religion

## D. Language and Rationality

# Select 6 units (3 units from Area D1 and 3 units from Area D2) from the following:

#### 1. English Composition

Completion of the following with a grade of C or better.			
	ENGL 0001A	Introduction to Composition	
	ENGL 0012	Writing in the Workplace	
2.	Communication an	d Analytical Thinking	
	BUS 0085	Introduction to Oral Communication	
	COMM 0001	Fundamentals of Public Speaking	
	COMM 0002	Argumentation and Rhetorical Criticism	
	COMM 0003	Small Group Communication	
	COMM 0005	Communication Foundations	
	COMM 0007	Intercultural Communication	
	COMM 0008	Interpersonal Communication	
	COMM 0010	Communication Theory, Methods, and Practice	
	CSCI 0010	Introduction to Computing	
	ENGL 0001B	Critical Thinking and Writing about Literature	
	ENGL 0001C	Critical Thinking and Writing across the Curriculum	
	ENGL 0011	Analytical and Critical Thinking in Reading	
	ENGL 0024	Introduction to Literary Criticism and Critical Concepts	
	MATH 0000B	Plane Geometry	
	MATH 0000D	Intermediate Algebra	
	MATH 0000E	Practical Mathematics	
	MATH 0010	Problem Solving	
	MATH 0012	College Algebra	
	MATH 0013	Elementary Statistics	
	MATH 0015	Discrete Mathematics	
	MATH 0016A	Calculus for Social and Life Sciences	
	MATH 0016B	Calculus for Social and Life Sciences	
	MATH 0017	Concepts of Mathematics	
	MATH 0018	The Nature of Mathematics	
	MATH 0019	Mathematical Concepts for Elementary School Teachers	
	MATH 0024	Modern Business Mathematics	
	MATH 0027	Trigonometry	
	MATH 0029	Pre-Calculus Mathematics	
	MATH 0030	Analytical Geometry and Calculus I	
	MATH 0031	Analytical Geometry and Calculus II	
	MATH 0032	Analytical Geometry and Calculus III	
	MATH 0033	Differential Equations and Linear Algebra	
	MATH 0042	Business Calculus	
	PHIL 0004	Introduction to Critical Thinking	
	PHIL 0012	Introduction to Symbolic Logic	
	PSYC 0105	Research Methods in Psychology	
	PSYC 0142	Introduction to Psychological Statistics	
	SOC 0015	Introduction to Statistics in Sociology	

## E. Health Education/Physical Education

nealth Euut	alion/Physical Education	KIN 0053	Modern Balloom Dance
elect 2 units fro	m the following:	KIN 0054	Modern Dance
ADMJ 0060	Defensive Tactics for Law Enforcement	KIN 0055	Line Dance
HDEV 0061	Nutrition throughout the Life Cycle	KIN 0062	Fundamentals of Yoga
HED 0001	Standard First Aid/Community CPR	KIN 0068	Introduction to Meditation
HED 0002	Health Education	KIN 0069	Mat Pilates
HED 0010	Health and Aging	KIN 0071	Adapted Aquatics
HSCI 0002	Emergency Medical Technician	KIN 0072	Adapted Aerobic Fitness
HSCI 0007	Emergency Medical Responder	KIN 0073	Adapted Individualized Exercises
HSCI 0012	Professional CPR and Infection Control	KIN 0074	Adapted Group Activities
	for the EMT	KIN 0075	Adapted Walk/Jog
KIN 0003A	Basic Aerobic Training with Fitness	KIN 0080	ACE Personal Trainer Preparation
	Equipment	KIN 0081	Introduction to Kinesiology
KIN 0003B	Advanced Aerobic Circuit Training with	KIN 0083	Physiology of Fitness
	Fitness Equipment	KIN 0084	Care and Prevention of Athletic Injuries
KIN 0004	Cross Training	KIN 0088	Introduction to Coaching Team Sports
KIN 0005A	Weight Training	KIN 0096	Sports Activities
KIN 0005B	Strength Training - Circuit and Power	KIN 0097	Fire Academy Physical Training
	Lifting	NRSA 0003	Precertification Nursing Assistant
KIN 0006	Physical Fitness		Training
KIN 0007	Aerobic Fitness	NUTF 0005	Food Preparation for Nutrition and Life
KIN 0008	Step Aerobic Training		Fitness
KIN 0009	Cardio Kickboxing	NUTF 0010	Principles of Nutrition
KIN 0010	Fitness and Weight Management Boot	NUTF 0013	Nutrition throughout the Life Cycle
1/11/0011	Camp	NUTF 0014	Nutrition for Physical Performance
KIN 0011	Instructional Methods for Group Fitness	PDEV 0001	College and Life Success
KIN 0012	Instructional Methods for Personal	PDEV 0070	Stress and Well Being
	Trainers	PSYC 0130	Human Sexuality
KIN 0018	Peaceful Self Defense	PSYC 0150	Alcohol, Drugs and Society
KIN 0019	Combative Self Defense	RECM 0070	Backpacking
KIN 0020	Multi Self Defense System	RECM 0071	Rock Climbing
KIN 0023	Tai Chi	RECM 0072	Wilderness Survival
KIN 0024	Self-Defense for Personal Safety	SOC 0005	Sociology of Women's Health
KIN 0026	Badminton		
KIN 0027	Recreational Basketball	F. Multicultura	l Studies
KIN 0029	Flag Football	Select 3 units fro	
KIN 0030	Golf	ANTH 0002	Cultural Anthropology
KIN 0031A	Soccer Level I	ANTH 0004	Native Peoples of North America
KIN 0031B	Soccer Level II	ANTH 0007	Native Peoples of California
KIN 0031D	Tennis	ANTH 0009	Magic, Witchcraft, Ritual, Myth and
KIN 0032	Volleyball		Religion
KIN 0033	Sand Volleyball	ANTH 0014	Globalization Studies
KIN 0034	Futsal - Level I	ANTH 0027	Anthropology of Sex, Gender and
KIN 0035A	Futsal - Level II	ADUL 0100	Sexuality
		ARHI 0132	History of Women in Art
KIN 0040	Aquacise	ARHI 0140	History of the Arts of Africa, the Americas, and Oceania
KIN 0041	Fundamental Swimming	ARHI 0150	History of Asian Art
KIN 0042	Swimming Conditioning	ARHI 0150	History of Islamic Art
KIN 0043	Lifeguard Training	BUS 0055	International Business Practices
KIN 0050A	Ballet I		International Business Practices
KIN 0050B	Ballet II	COMM 0007	
KIN 0051	Jazz Dance	COMM 0010	Communication Theory, Methods, and Practice
KIN 0052	Square Dance		

KIN 0053

Modern Ballroom Dance

DFST 0003	American Sign Language III
DFST 0004	American Sign Language IV
DFST 0010	Introduction to Deaf Studies
ENGL 0016	Introduction to LGBTIQ Literature
ENGL 0024	Introduction to Literary Criticism and Critical Concepts
ENGL 0027	Literature by Women
ENGL 0047A	World Literature
ENGL 0047B	World Literature
FREN 0003	Intermediate French - Level I
FREN 0004	Intermediate French - Level II
GEOG 0002	Cultural Geography
GEOG 0003	Geography of California
GEOG 0005	World Regional Geography
HDEV 0025	Culture and Diversity in Early Childhood Education
HIST 0017A	History of the United States to 1877
HIST 0017B	History of the United States since 1865
HIST 0018A	The African American Experience in American History to 1877
HIST 0018B	The African American Experience in American History since 1877
HIST 0019A	History of Traditional East Asia
HIST 0019B	History of Modern East Asia
HIST 0020	California History
HIST 0021	Contemporary United States History
HIST 0023	Chicano/Mexican American History
HIST 0024	Russian History - 10th Century to Present
HIST 0025	Native American History
HIST 0027	Women in American History
HIST 0050	World History to 1500
HIST 0051	World History since 1500
HUM 0003	Introduction to Asian Humanities
HUM 0009	Introduction to Women, Gender and Religion
HUM 0010	World Religions
ITAL 0003	Intermediate Italian - Level I
JPN 0001	Elementary Japanese - Level I
JPN 0002 LGBT 0001	Elementary Japanese - Level II Introduction to LGBT Studies/Queer
	Theory
LGBT 0002	Queer (LGBTIQ) Film History
MUS 0011	Introduction and History of Jazz
NRSR 0024	Advanced Medical Surgical and Maternal-Newborn Nursing
PHIL 0013	Introduction to Asian Philosophy
PHIL 0027	Introduction to Philosophy of Women in Western Cultures
POLS 0007	Politics of the Developing World
POLS 0009	Politics of the Middle East
POLS 0027	Women and Politics in a Global Society
PSYC 0103	Social Psychology
PSYC 0127	Psychology of Women

PSYC 0180	Cultural Psychology
SOC 0003	Race, Ethnicity and Inequality
SOC 0010	Feminism and Social Action
SOC 0011	Introduction to Hip Hop and Social Justice
SOC 0027	Sociology of Gender
SOC 0110	Introduction to Social Justice
SPAN 0003	Intermediate Spanish - Level I
SPAN 0004	Intermediate Spanish - Level II
SSCI 0010	Introduction to Ethnic Studies
SSCI 0013	Dialogues in American Culture
SSCI 0020	African American Culture and Experience
SSCI 0025	Mexican American/Latino Culture and Image
SSCI 0030	Immigration, Community and Culture: The Asian American Experience
SSCI 0035	Immigrants and Refugees in America: The European Experience
SSCI 0041	Introduction to Native American Studies
SSCI 0045	Native American Cultures and the Impact of Federal Policy
SSCI 0050	Ethnic Images in Film
WMST 0001	Introduction to Women's Studies
WMST 0002	Introduction to LGBT Studies/Queer Theory
WMST 0003	Introduction to Women, Gender and Religion
WMST 0004	Feminism and Social Action

# **II. Learning Skills**

Courses used to fulfill learning skills requirements may also be used to satisfy major and/or general education requirements.

### 1. Writing

Completion of one of the following courses with grade of "C" or better:

ENGL 0001A	Introduction to Composition
ENGL 0012	Writing in the Workplace

### 2. Reading

Completion of one of the following courses with grade of "C" or better:

ENGL 0001A	Introduction to Composition
ENGL 0011	Analytical and Critical Thinking in Reading

## 3. Oral Communications

#### Demonstrated proficiency by one of the following:

1. Completion of one of the following courses with grade of "C" or better:

BUS 0085	Introduction to Oral Communication
BUS 0102	Business Communications
COMM 0001	Fundamentals of Public Speaking

	COMM 0002	Argumentation and Rhetorical Criticism
	COMM 0003	Small Group Communication
	COMM 0005	Communication Foundations
	COMM 0008	Interpersonal Communication
	DRMA 0010A	Fundamentals of Acting
	DRMA 0010B	Intermediate Acting
	ESL 0040L	College Communication for Non-Native English Speakers
	PDEV 0009	Assertiveness Training
-		

2. Written petition certifying acceptable experience and an oral performance to demonstrate proficiency (no college units granted).

## 4. Mathematics

#### Demonstrated proficiency by one of the following:

1. Completion of one of the following courses with grade of "C" or better.

MATH 0000B	Plane Geometry
MATH 0000D	Intermediate Algebra
MATH 0000E	Practical Mathematics
MATH 0010	Problem Solving
MATH 0012	College Algebra
MATH 0013	Elementary Statistics
MATH 0015	Discrete Mathematics
MATH 0016A	Calculus for Social and Life Sciences
MATH 0016B	Calculus for Social and Life Sciences
MATH 0017	Concepts of Mathematics
MATH 0018	The Nature of Mathematics
MATH 0019	Mathematical Concepts for Elementary School Teachers
MATH 0024	Modern Business Mathematics
MATH 0027	Trigonometry
MATH 0029	Pre-Calculus Mathematics
MATH 0030	Analytical Geometry and Calculus I
MATH 0031	Analytical Geometry and Calculus II
MATH 0032	Analytical Geometry and Calculus III
MATH 0033	Differential Equations and Linear Algebra
MATH 0042	Business Calculus
PSYC 0142	Introduction to Psychological Statistics
SOC 0015	Introduction to Statistics in Sociology

2. Completion of one year (or block schedule equivalent) of Algebra II or Integrated Mathematics III or higher level mathematics in high school with grades of "C-" or better (no college units granted).

3. Minimum score on ACT of 25 or SAT of 560 (no college units granted).

# III. Major

Minimum of 18 units in a group of 18-44 courses described in the catalog. Courses must be completed with grades of "C" or better

# **IV. Electives**

Any additional degree-applicable 0-22 credit courses

# Total Degree-Applicable Units Required for the AA or AS Degree:

(At least 12 of the 60 degreeapplicable units must be completed at Sierra College. Units received through Credit by Examination do not count toward this requirement. A cumulative grade point average of 2.0 or better in all degree-applicable coursework is required.)

#### Notes

- 1. Credit for only one course from English N, 50, 50L, or 60 may be applied to the degree.
- 2. While a course may be listed in multiple areas of general education breadth (Areas A-F), it may only be applied to one area.
- A course may be applied to a general education breadth requirement (Areas A-F), a learning skills requirement (Areas 1-4), and a major requirement.
- 4. These AA/AS associate degree requirements do not meet transfer general education requirements.
- 5. Students pursuing an AA or AS have the option of completing these associate degree requirements, the CSU General Education Breadth requirements, or the IGETC requirements.
- 6. Students pursuing an AA-T or AS-T must complete the CSU General Education Breadth requirements or the IGETC requirements. (Some majors are restricted to IGETC; consult with a counselor.)
- 7. Students may check their degree status using Degree Works; access is through mySierra.
- 8. See the catalog rights policy for information pertaining to major and general education options.