

# 2024-2025 General Education (GE) Patterns

## Associate Degree – General Education

### General Education - 21 units (plus a major field of study = 60 units)

The goal of general education is a more well-rounded individual with a broad understanding of the physical universe, people as individuals and as members of society, artistic and cultural expression, written composition, oral communication, analytical thinking, multicultural environments, and perspectives of people from other cultures and backgrounds.

In order to complete the General Education requirements, a student must complete twenty-one (21) units of study. Three units must be completed in each of the following areas: 1, Natural Science; 2, Social and Behavioral Sciences; 3, Humanities; 4-a, Language and Rationality, English Composition; 4-b, Oral Communication; 4c, Analytical Thinking, and 5, Multicultural/Living Skills. A course cannot be counted in more than one area of study with the exception of the #6 Multicultural requirement. A four (4) quarter unit course is 2-2/3 semester units and satisfies an area. Total units must equal 21 or more semester units. The course used to satisfy the Multicultural Requirement may also be used to satisfy one of the other areas if appropriate.

**1. NATURAL SCIENCE: Three (3) units required.** Courses in the Natural Science GE area examine the physical universe, its life forms and its natural phenomena. After successful completion of a course from this area, a student will be able to use the scientific method to conduct basic experiments, collect, analyze, and evaluate data in a lab setting, or will be able to use scientific inquiry skills related to hypothesis, prediction, assumption, interpretation and evaluation.

AGAS 19 Prin of Animal Sci	BIOL 5 Human Biology	ESCI 1 The Active Earth	ESCI 16+16L Coast. Marine	PHYS 4A Physics-Mech
AGEH 33 Envir Horticulture	BIOL 10 Gen Biology	ESCI 2 Earth: The History	Sci + Lab	PHY 1 Physiology
AGNR 1 Intro to Nat Res	BIOL 11 Div of Life	of our Planet	ESCI 17 Earth Sys Science	ZOOL 1 Zoology
AGNR 60 Envir Science	BIOL 12 Field Biology	ESCI 6 Ancient Life	ESCI 18 Global Climate	<u>Or select 3 units from</u>
AGNR 64 Watershed Mgmt	BOT 1 Botany	ESCI 7 Intro/Geol of Calif	GEOG 1A Phys Geog	<u>these 1-2 unit courses:</u>
AGPS 20 Plant Science	BOT 15+15L Plants and	ESCI 8 Planetary Geology	MICR 1 Microbiology	BOT 50, 52
AGPS 24 Soils	People + Lab	ESCI 9 Earthquakes	NHIS 5 Nat Hist Neotropics	ESCI 32, 32L, 33, 34, 34L,
ANAT 1 Anatomy	CHEM 1A Gen Chemistry	ESCI 10 Envir Geology	NHIS 15 Natural Hist of CA	35, 35L, 36, 36L, 37, 37L,
ANTH 1 Phys Anthropology	CHEM 1B Gen Chemistry	ESCI 12 Gen Earth Science	NUTR 25 Nutrition	38
ASTR 2 Stellar Astronomy	CHEM 2A Intro Chemistry	ESCI 14 + 14L Meteorology	PHSC 1 Phys Sci Survey	GEOG 2A
ASTR 3 Astro: Solar System	CHEM 2B Intro Org/Biochem	+ Lab	PHYS 2A Gen Physic	NHIS 65
BIOL 1 Principles of Biology	CHEM 10 Chemistry/Lib Art	ESCI 15 Oceanography	PHYS 2B Gen Physic	

**2. SOCIAL AND BEHAVIORAL SCIENCES: Three (3) units required.** Courses in the Social and Behavioral Sciences GE area focus on people as individuals and as members of society. After successful completion of a course from this area, a student will be able to describe, explain, compare, and critique methods of inquiry used by the social and behavioral sciences, or will be able to apply concepts from the social sciences in order to analyze, evaluate, classify, and explain human behavior, or will be able to identify and discuss how societies and social subgroups operate.

ADJU 10 Intro to AOJ	CMST 50 Gender & Comm	GEOG 7 Calif Geography*	HLTH 6 Culture and Health*	PSYC 5 Human Sexuality
ADJU 59 Restorative Justice	ECE 1 Human Develop	GEOG 8 World Reg Geog*	HUSV 16 Marriage Family	PSYC 14 Pers/Social Adj
ADS 10 Intro to Addict Studies	ECE 2 Child/Family/Comm	HIST 1A Western Civil	HUSV 18 Adulthood/Aging	PSYC 15 Soc Psychology
AGAB 54 Ag Economics	ECE 9 Child Growth & Dev	HIST 1B Western Civil	HUSV 60 Life Management	PSYC 17 Abnormal Psych
AGNR 11 Environ. Ethics	ECON 1A Economics/Micro	HIST 2 World Civilization*	HUSV 70 Intro Soc Wrk/HUSV	PSYC 20 Cross Cult Psych*
AGNS 25 Calif. Water	ECON 1B Economics/Macro	HIST 3 World Civilization*	JOUR 21 Mass Commun	PSYC 41 Cult Soc Child*
ANTH 2 Cultural Anth*	ETHS 1 Intro Ethnic Studies	HIST 17A US History	NUTR 30 Hlth & Wellness	PSYC 46 Hum Mem/Lrng.
ANTH 14 Relig, Myth, Ritual*	ETHS 5 Intro Asian Amer Stdy	HIST 17B US History	Coaching	SOC 1 Intro Sociology
ANTH 25 Cult. Hist Indian*	ETHS 8 Intro African Amer	HIST 25 African	POLS 1 Intro Poli Science	SOC 2 Social Problems
ARCH 3 Prin of Arch	Studies	American History*	POLS 2 American Govt	SOC 15 Soc Mass Media
ARCH 4A Beg Field Arch	ETHS 11 Intersectionality of	HIST 35 History	POLS 15 Political Theory	SOC 25 Race/Ethn/Soc*
BUAD 10 Intro to Business	Race/Ethn/Hlth*	of Mexican Americans*	POLS 20 Politics/Dev World*	SOC 30 Soc of Gender*
BUAD 45 Human Relations/Job	GEOG 1B Human Geog*	HIST 38 Hist World Relig*	POLS 25 Intro Int'l Relations	
CMST 20 Intercul Comm	GEOG 5 Society, Env & GIS	HIST 40 Hist/Gov of CA	PSYC 1A Gen Psychology	

**3. HUMANITIES: Three (3) units required.** Courses in the Humanities GE area are those which study the cultural activities and artistic expressions of human beings. After successful completion of a course from this area, a student will be able to express verbally and in writing examples of how peoples of different times and cultures relate to their environments through individual artistic expression and shared cultural traditions, will be able to critically assess and discuss examples of artworks and cultural artifacts utilizing qualitative, contextual criteria, or will be able to describe, explain, discuss, evaluate, compare and contrast, theories that philosophers have used to understand the nature of reasoning, reality and value.

ART 1 Intro to Art	ENGL 10A World Lit*	ENGL 20 World Mythology*	HUM 70 Explor Cont TV	PHIL 8 Logic
ART 2 History of Art	ENGL 10B World Lit*	ENGL 25 Linguistics	JAPN 1 Japanese 1*	PHIL 14 Mod Western Phil
ART 3 Western Art	ENGL 11A Survey/Am. Lit	ENGL 31 Creative Writ	JAPN 2 Japanese 2*	SPAN 1 Spanish 1*
ART 4 World Art*	ENGL 11B Survey/Am. Lit	ENGL 36 Children's Lit	JAPN 3 Japanese 3*	SPAN 2 Spanish 2*
ART 6 History/Modern Art	ENGL 13A Survey Eng. Lit	FREN 1 French 1*	JAPN 4 Japanese 4*	SPAN 3 Spanish 3*
ASL 1 Am. Sign Lang 1*	ENGL 13B Survey Eng. Lit	FREN 2 French 2*	JAPN 19+20 Japanese Conv	SPAN 4 Spanish 4*
ASL 2 Am. Sign Lang 2*	ENGL 14 Drama as Lit	GERM 1 German 1*	MUS 10 Music Apprec	SPAN 11 Elem Span Conv
ASL 3 Am. Sign Lang 3*	ENGL 15 Lit by Women	GERM 2 German 2*	MUS 11 Hist Jazz/Early Rock	SPAN 12 Intrmd Span Conv
ASL 4 Am. Sign Lang 4*	ENGL 16 Poetry	HIST 2 World Civilization*	MUS 14 World Music*	SPAN 19 Span/Lat Am Civ
CHIN 1 Mandarin Chinese*	ENGL 17 Shakespeare	HIST 3 World Civilization*	MUS 15 History of Rock	THTR 1 Intro to Theatre
CMST 30 Oral Interpret	ENGL 18 African Amer Lit*	HUM 2 Explor Humanities	PHIL 6 Intro to Philosophy	THTR 8 Hist/World Theatre
ENGL 1B Lit & Comp	ENGL 19 Bible as Literature	HUM 4 Human thru Film	PHIL 7 Ethics: Right/Wrong	THTR 81 Script/Playwriting

**4. LANGUAGE AND RATIONALITY:** Courses in the Language and Rationality GE Area are those which study the principles and applications of language toward logical thought, clear and precise expression and critical evaluation or communication in whatever symbol system the student uses.

- a. **English Composition: Three (3) units required.** Courses fulfilling the written composition requirement are designed to include both expository and argumentative writing. After successful completion of a course from this area, a student will be able to write clear, logically organized essays using expository and argumentative modes and applying conventions of documentation when appropriate.

ENGL 1A College Composition

ENGL 1AX College Composition w/Support

BUAD 66 Business Communication

- b. **Oral Communication:** Three (3) units required. Courses fulfilling the oral communication requirement are designed to emphasize the psychological, cultural and linguistic factors which affect human communication, including how communication operates in various situations. Course content includes an emphasis on the ability to speak and listen effectively, as well as verbal and non-verbal communication. After successful completion of a course from this area, a student will be able to identify and discuss the role oral communication plays in academic, social, and professional endeavors; and will be able to demonstrate oral competency by constructing messages appropriate to particular communication situations covered in their particular courses.

CMST 10 Interpersonal Communication	CMST 40 Argument/Debate	CMST 54 Small Group Comm
CMST 20 Intercultural Communication*	CMST 50 Gender & Communication*	CMST 60 Public Speaking
CMST 30 Oral Interpretation		

- c. **Analytical Thinking:** Three (3) units required. Courses fulfilling the analytical thinking requirement include mathematics, logic, statistics, computer language and programming and related disciplines. Courses in this area may be used to meet the math competency requirement. After successful completion of a course from this area, a student will be able to apply logical reasoning to collect and critically evaluate information, or construct a formal argument complete with support and reach a logical conclusion, or apply logical reasoning to solve problems.

BUAD 14 Personal Finance	MATH 9 Survey of Calculus	<u>Other acceptable courses (if math competency has been satisfied in high school as indicated below):</u>
BUAD 17 Business Mathematics	MATH 8 Finite Mathematics	CIS 2 Intro Computer Science
HIT 20 Hospital & Health Statistics	MATH 13 College Algebra/Liberal Arts	CIS 60 Visual Basic Programming
MATH 2 Precalculus	MATH 14 Statistics	CIS 61 C++ Lang Programming
MATH 2A Precalculus College Algebra	MATH 14S Statistics with Support	CIS 62 Java Programming
MATH 2AS Precalc College Alg. w/Support	MATH 41A Concepts of Elem Math	CIS 63 Assembler Lang Program.
MATH 2B Precalculus Trigonometry	MATH 41B Concepts of Elem Math	PHIL 8 Logic
MATH 3A Calculus	MATH 73 Contemp Math for Technical Fields	
MATH 3B Calculus	SOC 3 Stats for the Behavioral Sciences	

Students may meet the analytical thinking requirement through completion of high school or other coursework the equivalent of intermediate algebra or similar as verified through the multiple measures process, or through specified examinations as detailed in the Degree Requirements sections of the Shasta College Course Catalog. *Note: Some degrees require completion of a specific course, such as BUAD 17 or MATH 73.*

**5. MULTICULTURAL/LIVING SKILLS – Three (3) units required, from either area.** Courses in the Multicultural/Living Skills GE area prepare students to live and work in an increasingly multicultural environment or encourage development as integrated physiological, social and psychological beings. After successful completion of a course from this area, a student will be able to compare and contrast perspectives of various cultural groups as defined by religion, ethnicity, race, gender, class or other important social categories; or identify “at risk” patterns of physical or academic or social or emotional or financial behavior and apply their knowledge and skills to assess these patterns and make recommendations for altering them; or develop the criteria for personal or professional success in a given area and then create a specific action plan that targets the criteria—along with a timeline for accountability and evaluation.

**Multicultural Courses:**

ANTH 2 Cultural Anthropology*	ENGL 20 World Mythology*	GEOG 8 World Regional Geog*	HLTH 6 Culture and Health*
ANTH 14 Religion/Myth/Ritual*	ETHS 1 Intro Ethnic Studies	HIST 2 World Civilization*	MUS 14 World Music*
ANTH 25 Cult/Hist North Am Indian*	ETHS 5 Intro Asian Amer Stdy	HIST 3 World Civilization*	POLS 20 Politics/Developing World*
ART 4 World Art *	ETHS 8 Intro African Amer Studies	HIST 25 African American History*	PSYC 20 Cross Cultural Psychology*
CMST 20 Intercultural Comm.*	ETHS 11 Intersectionality of Race/Ethn/Hlth*	HIST 35 History of Mexican Americans*	PSYC 41 Cultural Social Childhood*
ENGL 10A World Lit (to 1650)*	GEOG 1B Human Geog*	HIST 38 History/World Religion*	SOC 25 Race/Ethn/Soc*
ENGL 10B World Lit (after 1650)*	GEOG 7 California Geog*	HOSP 55 Cust. Serv. Skills/Multicult*	SOC 30 Sociology of Gender*
ENGL 18 African American Lit*			

**Living Skills:**

ADS 10 Intro Addiction Studies	ECE 9 Child Growth & Dev.	HUSV 16 Marriage and Family	PSYC 14 Personal/Social Adj.
AGNR 11 Environ. Ethics	HLTH 1 Health and Wellness#	HUSV 18 Adulthood/Aging	REGN 36+37+46 Child & Adol Care/Maternal & Infant Care/Comm & Mental Hlth
BUAD 10 Intro to Business	HLTH 2 Nutrition and Fitness	HUSV 60 Life Management	STU 1 College Success
BUAD 45 Human Relations/Job	HLTH 3 Substance Abuse Awareness	NUTR 25 Nutrition	
CIS 1 Computer Literacy Workshop	HLTH 4 Women’s Health	NUTR 35 Integ Nutrition/Wellness	
ECE 1 Human Development	HLTH 7 Stress Management	PE 4 Lifetime Fitness	
ECE 2 Child/Family/Community	HLTH 20 Essntls Athletic Perform	PSYC 5 Human Sexuality	

#Veterans who have completed basic training and submit a DD214 will receive credit for HLTH 1.

**6. MULTICULTURAL REQUIREMENT – Three (3) units required.** (Note: A course in this area may be double-counted to also satisfy one of the other areas numbered 1-5. Courses which can be double-counted are marked with an asterisk.) - Courses in the Multicultural requirement area contain perspectives on people from other cultures and backgrounds as well as an examination of the contributions of non-Western cultures, or the intersection of culture with race, ethnicity, gender, class or other important social categories, such as religion. After successful completion of a course from this area, a student will be able to compare and contrast perspectives of various cultural groups as defined by religion, ethnicity, race, gender, class or other important social categories.

ADJU 18 Comm Relations/Multicul Issues for Law Enforcement	ECE 28 Teach Div. Society	GEOG 7 California Geography	JAPN 3 Japanese 3
ANTH 2 Cultural Anth	ENGL 10A World Lit (to 1650)	GEOG 8 World Regional Geog	JAPN 4 Japanese 4
ANTH 14 Rel, Myth & Ritual	ENGL 10B World Lit (after 1650)	GERM 1 German 1	MUS 14 World Music
ANTH 25 Cult/Hist North Am Indian	ENGL 18 African Amer Lit	GERM 2 German 2	POLS 20 Politics of Dev World
ART 4 World Art	ENGL 20 World Mythology	HIST 2 World Civ to 1500 C.E.	PSYC 20 Cross-Cultural Psychology
ASL 1 American Sign Language 1	ETHS 1 Intro to Ethnic Studies	HIST 3 World Civ 1500 to Present	PSYC 41 Cul/Soc Context Childhood
ASL 2 American Sign Language 2	ETHS 5 Intro to Asian American Studies	HIST 25 African American History	SOC 25 Race/Ethn/Soc
ASL 3 American Sign Language 3	ETHS 8 Intro African Amer Studies	HIST 35 History of Mexican Americans	SOC 30 Sociology of Gender
ASL 4 American Sign Language 4	ETHS 11 Intersectionality of Race/Ethn/Hlth	HIST 38 History/World Religions	SPAN 1 Spanish 1
BUAD 12 International Business	FREN 1 French 1	HLTH 6 Culture and Health	SPAN 2 Spanish 2
CHIN 1 Mandarin Chinese	FREN 2 French 2	HOSP 55 Cust. Serv. Skills/Multicult	SPAN 3 Spanish 3
CMST 20 Intercultural Comm.	GEOG 1B Human Geography	JAPN 1 Japanese 1	SPAN 4 Spanish 4
CMST 50 Gender & Comm		JAPN 2 Japanese 2	SPAN 11 Elementary Spanish Conv
			SPAN 12 Intermediate Spanish Conv