GENERAL CATALOG [2017-18]

General Education in A-E Format

While the revised General Education Program is presented here in terms of FOUNDATION, BREADTH, INTEGRATION, and MULTICULTURAL/INTERNATIONAL, it relates simply to the A-E format widely used throughout the state as indicated by the course prefixes in the table. The following list reflects those courses accepted into the G.E. program as of December 15, 2003.

FOUNDATION

Foundation - Oral Communication

- COMM 3 - Fundamentals of Public Communication (Area A1)
- COMM 6H - Rhetoric for Autonomy and Collaboration in the Marketplace of Ideas (Area A1)
- COMM 7 - Persuasion (Area A1)
- COMM 8 - Group Discussion (Area A1)

Foundation - Written Communication

- ENGL 5B - Academic Literacy II (Area A2)
- ENGL 10 - Accelerated Academic Literacy (Area A2)
- ENGL 10H - Honors Accelerated Academic Literacy (Area A2)

Foundation - Critical Thinking

- AFRS 20 - Critical Thinking About Race (Area A3)
- ANTH 30 - Critical Thinking in Anthropology (Area A3)
- CLAS 30 - Critical Thinking in Chicano and Latin American Studies (Area A3)
- COMM 5 - Argumentation (Area A3)
- CSCI 1 - Critical Thinking and Computer Science (Area A3)
- CSM 10 - The Scientific Method (Area A3)
- GEOG 25 - Critical Thinking in Geography (Area A3)
- GME 5 - Critical Reasoning (Area A3)
- INTD 50 - Critical Thinking on Global Issues (Area A3)
- NSCI 4 - Science and Nonsense: Facts, Fads, and Critical Thinking (Area A3)
- NSCI 4H - Science and Nonsense; Critical thinking and the philosophy of science (Area A3)
- PHIL 25 - Methods of Reasoning (Area A3)
- PHIL 35H - Logic for Autonomy and Collaboration in the Marketplace of Ideas (Area A3)
- PHIL 45 - Introduction to Logic (Area A3)
- SOC 3 - Critical Thinking About Society (Area A3)
- SOC 3S - Critical Thinking About Society (Area A3)
- WS 12 - Critical Thinking: Gender Issues (Area A3)
Foundation - Quantitative Reasoning

- CRIM 50 - Statistical and Computer Applications in Criminal Justice (Area B4)
- DS 71 - Quantitative Analysis (Area B4)
- MATH 10A - Structure and Concepts in Mathematics I (Area B4)
- MATH 11 - Elementary Statistics (Area B4)
- MATH 45 - What Is Mathematics? (Area B4)
- MATH 45H - Exploring Math (Area B4)
- MATH 70 - Calculus for Life Sciences (Area B4)
- MATH 75 - Calculus I (Area B4)
- MATH 75A - Calculus with Review IA (Area B4)

BREADTH

Breadth - Physical Sciences

- CHEM 1A - General Chemistry 1A (Area B1)
- CHEM 1AL - General Chemistry Laboratory 1A (Area B1)
- CHEM 3A - Introductory General Chemistry (Area B1)
- CHEM 10 - Chemistry and Society (Area B1)
- CHEM 10H - Chemistry & Society (Area B1)
- EES 1 - Natural Disasters and Earth Resources (Area B1)
- EES 1V - Natural Disasters and Earth Resources - Virtual Labs (Area B1)
- EES 4 - Environmental Science (Area B1)
- EES 8H - Natural Disasters and Earth Resources (Area B1)
- PHYS 2A - General Physics (Area B1)
- PHYS 4A - Mechanics and Wave Motion (Area B1)
- PHYS 4AL - Laboratory in Mechanics and Wave Motion (Area B1)
- PHYS 10 - Conceptual Physics (Area B1)
- PSCI 21 - Elementary Astronomy (Area B1)

Breadth - Physical Sciences Liberal Studies Only

- NSCI 1A - Integrated Science: Physics and Chemistry (Area B1LS)

Breadth - Life Sciences

- BIOL 1A - Introductory Biology (Area B2)
- BIOL 10 - Life Science (Area B2)
- BIOL 10H - Life Science (Area B2)
- BIOL 11 - Plant Biology (Area B2)
- BIOL 12 - Animal Biology (Area B2)
Breadth - Arts

- ARMS 20 - The Arts of Armenia (Area C1)
- ARMS 20H - Arts of Armenia (Area C1)
- ART 1 - Art Forms (Area C1)
- ART 20 - Drawing (Area C1)
- ART 40 - Painting (Area C1)
- ART 50 - Beginning Sculpture (Area C1)
- ARTH 10 - The Ancient Medieval Worlds (Area C1)
- ARTH 11 - The Early Modern World (Area C1)
- CLAS 9 - Chicano Artistic Expression (Area C1)
- DRAMA 22 - Oral Interpretation of Literature (Area C1)
- DRAMA 62 - Theatre Today (Area C1)
- DRAMA 75H - Theatre in Contemporary American Culture (Area C1)
- ENGL 41 - Poetry Writing (Area C1)
- ENGL 42H - Creative Writing (Area C1)
- ENGL 43 - Fiction Writing (Area C1)
- ENGL 44 - Creative Nonfiction Writing (Area C1)
- HONOR 10 - Beginning Workshop in the Writing of Poetry - Global Culture, History and Values (Area C1)
- MUSIC 9 - Introduction to Music (Area C1)
- MUSIC 9 - Introduction to Music (Area C1)
- MUSIC 60H - Music in Social Context (Area C1)
- MUSIC 74 - Listener's Guide to Music (Area C1)
- MUSIC 75 - History of Rock and Roll (Area C1)

Breadth - Humanities

- ARAB 1A - Elementary Arabic A (Area C2)
- ARAB 1B - Elementary Arabic B (Area C2)
- ARM 1A - Elementary Armenian (Area C2)
- ARM 1B - Elementary Armenian (Area C2)
- ARM 2A - Intermediate Armenian (Area C2)
- CDDS 90 - Deaf American Literature (Area C2)
- CDDS 92 - American Sign Language II (Area C2)
- CHIN 1A - Elementary Chinese 1A (Area C2)
- CHIN 1B - Elementary Chinese (Area C2)
- ENGL 20 - Introduction to Literature (Area C2)
- ENGL 30 - Masterpieces (Area C2)
- FREN 1B - Elementary French (Area C2)
- FREN 2A - French for Communication (Area C2)
- FREN 2B - French for Communication (Area C2)
- GERM 1B - Elementary German (Area C2)
- GERM 2A - Intermediate German (Area C2)
- GERM 2B - Intermediate German (Area C2)
- GRK 1A - Elementary Greek (Area C2)
- GRK 1B - Elementary Greek (Area C2)
- HMONG 1A - Basic Hmong (Area C2)
- HMONG 1B - Basic Hmong (Area C2)
- HONOR 11 - Introduction to the Humanities - Global Culture, History and Values (Area C2)
- HUM 10 - Humanities from Antiquity to the Renaissance (Area C2)
- HUM 10H - Intro Humanities of the Western World (Area C2)
- HUM 11 - Humanities from the Baroque to the Modern (Area C2)
- HUM 15 - Classical Myth and World Humanities (Area C2)
- HUM 20 - Introduction to Hispanic Literature (Area C2)
- ITAL 1A - Elementary Italian (Area C2)
- ITAL 1B - Elementary Italian (Area C2)
- ITAL 2A - Intermediate Italian (Area C2)
- ITAL 2B - Intermediate Italian (Area C2)
- JAPN 1A - Elementary Japanese (Area C2)
- JAPN 1B - Elementary Japanese (Area C2)
- LATIN 1A - Elementary Latin (Area C2)
- LATIN 1AH - Honors Elementary Latin (Area C2)
- LATIN 1B - Elementary Latin (Area C2)
- LING 10 - Introduction to Language (Area C2)
- PERS 1A - Elementary Modern Persian (Area C2)
- PERS 1B - Elementary Modern Persian B (Area C2)
- PHIL 1 - Introduction to Philosophy (Area C2)
- PHIL 2 - Exploring Religious Meaning (Area C2)
- PHIL 10 - Self, Religion, and Society (Area C2)
- PHIL 20 - Moral Questions (Area C2)
- PORT 1A - Elementary Portuguese (Area C2)
- PORT 1B - Elementary Portuguese (Area C2)
- SPAN 1B - Elementary Spanish (Area C2)
- SPAN 2A - Spanish for Communication (Area C2)
- SPAN 2B - Spanish for Communication (Area C2)
- SPAN 3 - Reading and Writing (Area C2)
- SPAN 4A - Spanish for the Bilingual Student (Area C2)
- SPAN 4B - Spanish for the Bilingual Student (Area C2)

American History

- HIST 11 - American History to 1877 (Area D1)
- HIST 12 - American History from 1877 (Area D1)
HIST 15H - Trials of Century (Area D1)

HONOR 12 - U.S. in the Twentieth Century World - Global Culture, History and Values (Area D1)

American Government

PLSI 2 - American Government and Institutions (Area D2)

PLSI 2H - American Government and Institution (Area D2)

Social Science

AFRS 10 - Introduction to Africana Studies (Area D3)

AFRS 15 - Slavery and the American Experience (Area D3)

AFRS 27 - Africana Cultures and Images (Area D3)

AGBS 1 - Introductory Agricultural Economics (Area D3)

AIS 50 - Contemporary Life of the American Indian (Area D3)

ANTH 2 - Introduction to Cultural Anthropology (Area D3)

ANTH 3 - Introduction to Prehistory and Physical Anthropology (Area D3)

ARMS 10 - Introduction to Armenian Studies (Area D3)

ASAM 15 - Introduction to Asian Americans (Area D3)

CDDS 98 - Introduction to Hard of Hearing and Deaf People (Area D3)

CFS 31 - The Family in America (Area D3)

CLAS 3 - Introduction to Chicano/Latino Studies (Area D3)

CLAS 5 - Chicano Culture (Area D3)

CRIM 10 - Crime, Criminology, and Justice (Area D3)

ECON 25 - Introduction to Economics (Area D3)

ECON 40 - Principles of Microeconomics (Area D3)

ECON 50 - Principles of Macroeconomics (Area D3)

GEOG 2 - Introduction to Cultural Geography (Area D3)

GEOG 4 - World Geography (Area D3)

HIST 20 - World History I (Area D3)

HIST 21 - World History II (Area D3)

HONOR 13 - Human Fragility and Cultural Transcendence—Global Culture, History and Values (Area D3)

IT 20 - Technology and Society (Area D3)

JS 10 - Jewish Civilization (Area D3)

MCJ 1 - Mass Communication and Society (Area D3)

MES 10 - Introduction to Modern Middle East (Area D3)

PLSI 1 - Modern Politics (Area D3)

PLSI 71 - Introduction to Environmental Politics (Area D3)

PLSI 71H - Introduction to Environmental Politics (Area D3)

PSYCH 10 - Introduction to Psychology (Area D3)

PSYCH 62H - Introduction to Social and Cultural Psychology (Area D3)

SOC 1 - Principles of Sociology (Area D3)
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<td>Principles of Sociology</td>
<td>D3</td>
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<tr>
<td>WS 10</td>
<td>Introduction to Women's Studies</td>
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**Lifelong Understanding & Self Development**

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<td>Design</td>
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<td>ASCI 67</td>
<td>Animals and Society</td>
<td>E1</td>
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<tr>
<td>CFS 38</td>
<td>Life Span Development</td>
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<td>CFS 38H</td>
<td>Honors Lifespan Development</td>
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<td>CFS 39</td>
<td>Introduction to Child and Adolescent Development</td>
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<td>CSM 15</td>
<td>Evidence Based Decision Making</td>
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<td>DANCE 16</td>
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<td>DANCE 70</td>
<td>Balance BodyMind</td>
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<td>DRAMA 32</td>
<td>Introduction to Acting</td>
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<td>FIN 30</td>
<td>Personal Financial Planning</td>
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<td>Nutrition and Health: Realities and Controversies</td>
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<td>PH 90</td>
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<td>Drugs, Society, and Health</td>
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<td>Life, Death, and Afterlife</td>
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**INTEGRATION**

**Physical Universe & Its Life Forms**

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<td>ANTH 161</td>
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<td>CHEM 170</td>
<td>Chemistry in the Marketplace</td>
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<td>CSCI 100</td>
<td>Introduction to Computational Science</td>
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<tr>
<td>EES 112</td>
<td>Planet Earth through Time</td>
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- **EES 167** - Oceans and Atmosphere and Climate (Area IB)
- **EES 168** - California's Earth System (Area IB)
- **GEOG 115** - Violent Weather/Climatic Hazards (Area IB)
- **GEOG 128** - Environmental Pollution (Area IB)
- **NSCI 115** - Environmental Earth and Life Science (Area IB)
- **NSCI 120** - Biotechnology and Its Impact on Society (Area IB)
- **NSCI 121** - Blood: Science, Art, and Folklore (Area IB)
- **NSCI 125** - Revenge of the Killer Microbes (Area IB)
- **PH 161** - Environment and Human Health (Area IB)
- **PHYS 100** - Concepts of Quantum Physics (Area IB)
- **PLANT 105** - Food, Society, and Environment (Area IB)
- **PSCI 131** - Concepts of Classical Physics from Babylon to Maxwell (Area IB)
- **PSCI 168** - Energy and the Environment (Area IB)

**Arts & Humanities**

- **AFRS 129** - African American Literary Classics (Area IC)
- **ARM 148** - Masterpieces of Armenian Culture (Area IC)
- **ART 102** - Ideas of Visual Culture: Art, Media, and the Computer (Area IC)
- **DANCE 171** - Philosophical Bases and Trends in Dance (Area IC)
- **DRAMA 163** - Dramatic Literature (Area IC)
- **DRAMA 188TZ** - British Theatre (Area IC)
- **ENGL 101** - Masterpieces of World Literature (Area IC)
- **ENGL 102** - Masterpieces of English Literature (Area IC)
- **ENGL 102WZ** - Masterpieces of English Literature (Area IC)
- **ENGL 103** - Masterpieces of American Literature (Area IC)
- **ENGL 112** - World Literature: Ancient (Area IC)
- **ENGL 113** - World Literature: Medieval and Renaissance (Area IC)
- **ENGL 114** - World Literature: Modern (Area IC)
- **ENGL 174** - Popular Fiction (Area IC)
- **ENGL 174Z** - Popular Fiction - London in Literature (Area IC)
- **FREN 109** - French Literature, Culture, and Society from the Middle Ages to Today (Area IC)
- **FREN 149** - Voices of Africa (Area IC)
- **HUM 104** - Humanities in the Middle Ages and Renaissance (Area IC)
- **HUM 108** - Humanities in Classical Athens (Area IC)
- **HUM 110** - Humanities in Republican and Imperial Rome (Area IC)
- **HUM 118** - Folklore in Contemporary Life (Area IC)
- **IAS 108** - Interdisciplinary Arts Studies (Area IC)
- **LING 115** - Language, Culture, and Society (Area IC)
- **LING 130** - Language and Gender (Area IC)
- **LING 138** - History of the English Language (Area IC)
- **MUSIC 170A** - Music of the Americas: Latin America (Area IC)
- MUSIC 171 - Introduction to the World's Music (Area IC)
- MUSIC 171Z - Introduction to the World's Music (Area IC)
- MUSIC 187 - Pop Music: Jazz and Rock (Area IC)
- MUSIC 187Z - Pop Music: Jazz and Rock (Area IC)
- PHIL 120 - Contemporary Conflicts of Morals (Area IC)
- PHIL 150 - Foundations of Knowledge (Area IC)
- PHIL 151 - Cognitive Science: Mind (Area IC)
- SPAN 125 - Hispanic Cultural Productions (taught in Spanish) (Area IC)
- SPAN 129 - Mexican Culture (taught in Spanish) (Area IC)

Social, Political & Economic Institutions

- AFRS 144 - Race Relations (Area ID)
- AGBS 155 - Environmental and Natural Resource Policy (Area ID)
- AIS 103 - Indians of California (Area ID)
- ANTH 116W - Anthropology of Religion (Area ID)
- ANTH 145 - Cultural Resources Management (Area ID)
- CLAS 114 - Mexico and the Southwest 1810-1910 (Area ID)
- CRIM 101 - Crime and Violence in America (Area ID)
- CRIM 120 - Juvenile Delinquency (Area ID)
- CRIM 153 - Psychology of Criminality (Area ID)
- ECON 146 - Economics of Crime (Area ID)
- ECON 167 - Contemporary Socioeconomic Challenges (Area ID)
- ECON 176 - Economics Themes in Film (Area ID)
- ECON 183 - Political Economy of the Middle East (Area ID)
- GEOG 173 - The American West (Area ID)
- GERON 100 - Images of Aging in Contemporary Society (Area ID)
- HIST 101 - Women in History (Area ID)
- HIST 154 - Jewish American Popular Culture (Area ID)
- HONOR 102 - Revolutions in Natural and Social Sciences (Area ID)
- JS 154 - Jewish American Popular Culture (Area ID)
- KINES 111 - The Olympic Games (Area ID)
- MCJ 178 - New Media Technologies (Area ID)
- PAX 100 - Peace and Conflict Studies (Area ID)
- SOC 131 - Sociology of Sex and Gender (Area ID)
- SOC 143 - Deviance and Control (Area ID)
- SOC 163 - Urban Sociology (Area ID)
- SSCI 110 - California Studies (Area ID)
- WS 101 - Women in History (Area ID)
Upper-Division Writing Requirement

All undergraduate and second baccalaureate degree candidates must demonstrate competency in writing skills at the upper-division (junior-senior) level as a requirement for graduation. After completing 60 units and English Composition (ENGL 5A, 5B or 10) or its equivalent with a C or better, students may meet this requirement in one of two ways: either

1. Pass the Upper-Division Writing Examination (UDWE) composed of two essays. This examination is given five times each year, including once before the beginning of each semester. Students are permitted to take the examination a maximum of two times. Upon successful completion of the UDWE, undergraduate students may request 1 unit of credit (ENGL 100W), which will be posted to their transcripts the semester following the date the UDWE was passed. For details, call Testing Services, 559.278.2457.

or

1. Obtain a C, CR, or letter grade of C or better in an approved upper-division writing course at this university. Approved writing courses can be identified in the catalog and Class Schedule by the letter W (e.g., ENGL 160W, BA 105W) and are listed below.

It is imperative that the UDWS requirement be met within two semesters after completing 60 units. The UDWS requirement cannot be fulfilled by a class or test taken outside of The California State University system and cannot be satisfied at a CSU campus at which the student has not matriculated.

List of courses

1. AFRS 104W – Writing About American Inequality (3 units)
2. ANTH 105W – Applied Anthropology (also satisfies GE–M/I) (3 units)
3. ANTH 116W – Anthropology of Religion (also satisfies GE–ID) (3 units)
4. BA 105W – Business Communication (3 units)
5. CLAS 102W – Contemporary Chicana/Latina Writing and Culture (3 units)
6. ECON 102W – Explorations in Economic Literature (3 units)
7. EES 135W – Dinosaurs (3 units)
8. ENGL 115W – Literature of the New Testament (3 units)
9. ENGL 117W – Writing from Children’s Literature (3 units)
10. ENGL 160W – Writing Workshop (4 units)
11. HHS 116W – Interprofessional Communication in Health and Human Services (3 units)
12. HIST 100W* – Historical Research and Writing (3 units)
13. IT 198W – Technical Writing (3 units)
14. LING 110W* – Advanced Composition for Foreign Students (3 units)
15. LING 111W – Academic Writing Workshop (3 units)
16. MCJ 102W* – Reporting (3 units)
17. PHIL 133W – Literature of the New Testament (3 units)
18. **PLANT 110W** – Dimensions in Agriculture (3 units)
19. **SOC 130W** – Contemporary Social Issues (3 units)
   *Enrollment may be restricted or have additional prerequisites. Check the course description in the catalog or [my.fresnostate.edu](http://my.fresnostate.edu).

**Additional course**

**CFS 130W** – Professional Writing in Child and Family Science (3 units) Open only to Child and Family Sciences majors.