

# ASSOCIATE DEGREE GENERAL EDUCATION PATTERN

The Associate Degree General Education (GE) requirements at Fullerton College are designed to provide students with a well-rounded education that fosters critical thinking, communication skills, and an understanding of diverse perspectives. The GE requirements are meant to complement students' major coursework, ensuring they develop essential knowledge and competencies regardless of their chosen field of study.

## Associate Degree General Education Requirement

Total Units - **24 UNITS**

(A minimum of **3 UNITS** in each completed Area.)

NOTE: Courses appearing in more than one area may only be counted in one area.

NOTE: This list does not meet the requirements for UC or CSU transfer.

NOTE: General Education courses taken at Fullerton or Cypress College will satisfy Associate Degree General Education Graduation requirements.

### Area A: Language and Rationality (6 units)

Code	Title	Units
<b>A1 - Written Communication: (3 units)</b>		
<b>Must be completed with a grade of "C" or better</b>		
BUS 111 F	Business Communications	3
ENGL 100 F	College Writing	4
or ENGL 100HF	Honors College Writing	
ENGL 101 F	Enhanced College Writing	5
ENGL 110 F	Enhanced College Writing for Non-Native Speakers (beg F'20)	5
JOUR 101 F	Reporting and Writing	3
<b>A2 - Analytical Thinking: (3 units)</b>		
BUS 112 F	Public Speaking for Business	4
BUS 211 F	Critical Reasoning and Writing for Business (formerly Writing for Business) (beg F'17)	3
or BUS 211HF	Honors Critical Reasoning and Writing for Business (formerly Honors Writing for Business)	
COMM 100 F	Public Speaking	3
COMM 120 F	Intercultural Communication	3
COMM 124 F	Small Group Communication	3
COMM 135 F	Essentials of Argumentation	3
CIS 111 F	Introduction to Information Systems (beg F'17)	4
or CIS 111HF	Honors Introduction to Information Systems	
CRTV 118 F	Introduction to Radio, TV and Film	3
CSCI 123 F	Introduction to Programming Concepts in C++	4
ENGL 103 F	Critical Reasoning and Writing	4
or ENGL 103HF	Honors Critical Reasoning and Writing	
ENGL 104 F	Critical Thinking and Writing About Literature	4
ENGL 201 F	Intermediate College Writing	3

JOUR 110 F	Mass Media Survey	3
or JOUR 110HF	Honors Mass Media Survey	
MATH 120 F	Introductory Probability and Statistics <sup>1</sup>	4
or MATH 120HF	Honors Introductory Probability and Statistics	
PHIL 170 F	Logic and Critical Thinking	3
PHIL 172 F	Critical Thinking and Writing	3
PSY 161 F	Elementary Statistics for Behavioral Science <sup>1</sup>	4
or PSY 161HF	Honors Elementary Statistics for Behavioral Science	
READ 142 F	College Reading: Logical Analysis and Evaluation	3
SOSC 120 F	Introduction to Probability and Statistics <sup>1</sup>	4
SOSC 125 F	Introduction to Research Methods	3

<sup>1</sup> Course can be used only in one area (Area A thru E).

<sup>2</sup> New course for 2022-2023

### Area B: Natural Sciences and Mathematics (6 units)

Code	Title	Units
<b>B1 - Physical Sciences and Life Sciences (3 units)</b>		
<b>Physical Sciences:</b>		
CHEM 100 F	Chemistry for Daily Life	4
CHEM 101 F	Chemistry for Allied Health Science	5
CHEM 103 F	Chemistry in a Changing World	3
CHEM 107 F	Preparation for General Chemistry	5
CHEM 111AF	General Chemistry I	5
CHEM 111BF	General Chemistry II	5
ESC 100 F	Physical Geology	3
ESC 101 F	Earth Science Survey	3
ESC 102 F	Survey of Natural Disasters	3
ESC 103 F	Historical Geology	4
ESC 104 F	Geology of National Parks and Monuments	3
ESC 105 F	Introduction to Weather and Climate	3
ESC 107 F	Earth Science for Educators	4
ESC 110 F	Introduction to Climate Science	3
ESC 116 F	Astronomy	3
or ESC 116HF	Honors Astronomy	
ESC 120 F	Geology of California	3
ESC 130 F	Introduction to Oceanography	3
or ESC 130HF	Honors Introduction to Oceanography	
ESC 190 F	Environmental Geology	3
GEOG 102 F	Physical Geography	3
or GEOG 102HF	Honors Physical Geography	
PHYS 120 F	Relativity for Poets	3
PHYS 130 F	Elementary Physics	4
PHYS 205 F	Physics for the Life Sciences I	4
PHYS 206 F	Physics for the Life Sciences II	4
PHYS 210 F	Physics with Calculus for the Life Sciences I	4
PHYS 211 F	Physics with Calculus for the Life Sciences II	4

PHYS 221 F	General Physics I	4
PHYS 222 F	General Physics II	4
PHYS 223 F	General Physics III	4
<b>Life Sciences:</b>		
ANAT 231 F	General Human Anatomy (beg F'12)	4
ANAT 240 F	Human Physiology	5
ANTH 101 F	Physical Anthropology	3
or ANTH 101HF	Honors Physical Anthropology	
BIOL 100 F	Principles of Biology (beg F'11)	4
BIOL 101 F	General Biology	5
or BIOL 101HF	Honors General Biology	
BIOL 102 F	Human Biology	3
BIOL 104 F	Biology of Insects and Spiders	3
BIOL 108 F	Plants and People (beg F'11)	3
BIOL 109 F	Genetics and Biotechnology in Society	3
BIOL 141 F	Marine Mammal Biology and Conservation	3
BIOL 170 F	Organismal Biology	5
BIOL 190 F	Introduction to Biotechnology	3
BIOL 222 F	Marine Biology	3
BIOL 272 F	Cell and Molecular Biology (beg F '11)	4
BIOL 274 F	General Ecology	4
ENVS 105 F	Environmental Biology	3
HED 140 F	Health Science	3
HORT 152 F	Applied Botany	4
HORT 205 F	Applied Entomology	3
HORT 207 F	Plant Pathology	3
MICR 220 F	Medical Microbiology	4
MICR 262 F	General Microbiology	5
NUTR 210 F	Human Nutrition	3
or NUTR 210HF	Honors Human Nutrition	

**B2 - Mathematics - must be completed with a grade of C or better (3 units)**

**Must be completed with a grade of "C" or better**

*Math Proficiency Exam (no longer offered, see catalog and/or counselor for information)*

BUS 101 F	Personal Financial Management (beg F'20)	3
BUS 151 F	Business Mathematics	3
MATH 040 F	Intermediate Algebra (or higher within the Math Division)	4
MATH 041 F	Combined Elementary and Intermediate Algebra	6
MATH 043 F	Intermediate Algebra for Statistics and Liberal Arts	4
<i>(or higher within the Math Division)</i>		
PSY 161 F	Elementary Statistics for Behavioral Science <sup>1</sup>	4
or PSY 161HF	Honors Elementary Statistics for Behavioral Science	
SOSC 120 F	Introduction to Probability and Statistics <sup>1</sup>	4

<sup>1</sup> Course can be used only in one area (Area A to D).

**CHOOSE A COURSE (3 units) FROM 4 OF 5 AREAS (AREA C1, C2, D1, D2, or E) (12 units total)**

**Area C: Arts and Humanities**

Code	Title	Units
<b>C1 - Visual Arts, Music, Theatre and Dance (3 units)</b>		
ART 100 F	Fundamentals of Art	3
ART 118 F	Color Theory	3
ART 120 F	Basic Design	3
ART 121 F	Three-Dimensional Design	3
ART 153 F	Ceramics: Beginning Handbuilding (formerly ART 150AF)	3
ART 154 F	Ceramics: Beginning Throwing	3
ART 160 F	Fundamentals of Sculpture	3
ART 174 F	Beginning Jewelry Fabrication	3
ART 179 F	Drawing for Non-Art Majors	2
ART 182 F	Basic Drawing	3
ART 184 F	Expressive Drawing	3
ART 186 F	Beginning Life Drawing	3
ART 188 F	Beginning Watercolor Painting	3
ART 189 F	Beginning Painting	3
ART 210 F	Life Painting	3
ART 293 F	Painting: Narrative	3
ARTH 100 F	Introduction to Visual Culture (formerly ART 110 F)	3
ARTH 105 F	Africa, Oceania, and Native American Art History	3
ARTH 115 F	American Art History (formerly ART 117 F)	3
ARTH 120 F	Asian Art History (formerly ART 212 F)	3
ARTH 125 F	Gender and Women in Art History (formerly ART 211 F)	3
ARTH 130 F	Global Contemporary Art History	3
ARTH 135 F	Latin America - Mexican Art History (formerly ART 116 F)	3
ARTH 140 F	Latin America - Ancient/Indigenous Art History (formerly ART 213 F)	3
ARTH 145 F	Latin America - Colonial - Contemporary Art History	3
ARTH 150 F	Western Art History - Prehistory to 14th Century (formerly ART 112 F)	3
ARTH 155 F	Western Art History - 15th to 20th Century (formerly ART 113 F)	3
or ARTH 155HF	Honors Western Art History - 15th to 20th Century (formerly ART 113HF)	
ARTH 160 F	Western Art History - 19th to 21st Century (formerly ART 114 F)	3
ARTH 165HF	Honors Creative Arts - Art (formerly ART 196HF)	3
ARTH 170 F	The Museum Experience (formerly ART 115 F)	3
CISG 103 F	History of Video Games	3
CRTV 120 F	Media Aesthetics	3
CRTV 121 F	American Cinema to the 1960s	3
CRTV 126AF	World Cinema to 1945	3
CRTV 126BF	World Cinema 1946 to Present	3

CRTV 131 F	Contemporary American Cinema (formerly Contemporary Cinema)	3	ENGL 222 F	American Literature from the Civil War to the Present	3
DANC 100 F	Dance Appreciation	3	or ENGL 222HF	Honors American Literature from the Civil War to the Present	
DANC 120 F	Dance History	3	ENGL 224 F	World Literature through the Early Modern Period	3
DANC 200 F	Dance Appreciation: A Classical Ballet Retrospective	3	or ENGL 224HF	Honors World Literature through the Early Modern Period	
DANC 210 F	Multicultural Dance in the U.S. Today	3	ENGL 225 F	World Literature since the Early Modern Period	3
FASH 242 F	Fashion History - The Evolution of Dress, Culture and Style (formerly Fashion History of Costume)	3	or ENGL 225HF	Honors World Literature since the Early Modern Period	
IDES 180 F	History of Architecture and Furnishings I (formerly History of Architecture I)	3	ENGL 234 F	Introduction to Shakespeare	3
MUS 101 F	Music Fundamentals	3	or ENGL 234HF	Honors Introduction to Shakespeare	
MUS 106 F	Introduction to College Music Theory	3	ENGL 239 F	Survey of Children's Literature	3
MUS 107 F	Music Theory I (formerly Harmony)	3	ENGL 240 F	Survey of Young Adult Literature	3
MUS 110 F	Electronic Music I: Beginning Music Production	3	ENGL 243 F	Folklore and Mythology	3
MUS 113 F	Jazz History - An Appreciation	3	or ENGL 243HF	Honors Folklore and Mythology	
MUS 116 F	Music Appreciation	3	ENGL 245 F	The Bible as Literature	3
MUS 118 F	Introduction to Opera	3	ENGL 246 F	The Novel	3
MUS 119 F	History of Rock Music	3	ENGL 248 F	Science Fiction	3
MUS 120 F	Survey of Music History	3	ENGL 249 F	Survey of Chicano/a Literature	3
MUS 180 F	Collegiate Chorale	1	ENGL 250 F	Introduction to African American and Black Literature formerly (Survey of African American Literature)	3
PHOT 101 F	Introduction to Photography	3	ENGL 251 F	Introduction to Native American Literature formerly (Survey of Native American Literature)	3
PHOT 111 F	Introduction to Photography from Analog to Digital (beg F'09)	3	ENGL 253 F	Introduction to Asian American Literature	3
THEA 100 F	Introduction to the Theatre	3	ENGL 256 F	Intro to Queer Literature	3
THEA 104 F	Introduction to Theatre Appreciation	3	ETHS 130 F	African-American History I (beg F'02) <sup>1</sup>	3
THEA 105 F	Musical Theatre History (beg F'12)	3	or ETHS 130HF	Honors African-American History I	
THEA 109 F	Modern Dramatic Literature	3	ETHS 151 F	Chicana/o History I (formerly ETHS 141 F) (beg F22)	3
THEA 127 F	Oral Interpretation	3	ETHS 152 F	Chicana/o History II (formerly ETHS 141 F)	3
THEA 165HF	Honors Creative Arts - Theatre (formerly THEA 196HF)	3	ETHS 160 F	American Indian History (formerly History of the Native Americans) (beg F'21) <sup>1,2</sup>	3
<b>C2 - Literature, Philosophy, Religion and Foreign Language</b>			ETHS 171 F	Asian Pacific Islander American History (beg F'20) <sup>1</sup>	3
ASL 204 F	American Sign Language IV	4	HIST 110 F	Western Civilizations to 1550 (formerly Western Civilization I) (beg F'15) <sup>1</sup>	3
ASL 206 F	American Deaf Cultures	3	or HIST 110HF	Honors Western Civilizations to 1550 (formerly Western Civilization II)	
CDES 242 F	Introduction to Liberal Studies (beg F'13)	3	HIST 111 F	Western Civilizations Since 1550 (formerly Western Civilization II) (beg F'15) <sup>1</sup>	3
ENGL 102 F	Introduction to Literature	3	or HIST 111HF	Honors Western Civilizations Since 1550 (formerly Honors Western Civilization II)	
or ENGL 102HF	Honors Introduction to Literature		HIST 112 F	World Civilizations to 1550 (formerly World Civilizations I) (beg F'02) <sup>1</sup>	3
ENGL 105 F	Introduction to Creative Writing	3	or HIST 112HF	Honors World Civilizations to 1550 (formerly Honors World Civilizations I)	
ENGL 203 F	Introduction to Dramatic Literature	3	HIST 113 F	World Civilizations Since 1550 (formerly World Civilizations II) (beg F'02) <sup>1</sup>	3
ENGL 204 F	Introduction to Poetry	3	or HIST 113HF	Honors World Civilizations Since 1550 (formerly Honors World Civilizations II)	
ENGL 207 F	The Short Story	3			
ENGL 208 F	Introduction to Film Studies	3			
ENGL 209 F	Intermediate Creative Writing (beg F'19)	3			
ENGL 210 F	Introduction to Language Structure and Use	3			
ENGL 211 F	British Literature to 1800	3			
or ENGL 211HF	Honors British Literature to 1800				
ENGL 212 F	British Literature since 1800	3			
or ENGL 212HF	Honors British Literature since 1800				
ENGL 221 F	American Literature to the Civil War	3			
or ENGL 221HF	Honors American Literature to the Civil War				



ETHS 153 F	Chicana/o and Latina/o Contemporary Issues (formerly ETHS 142 F)	3	HIST 190 F	History of the Americas I (formerly HIST 162AF)	3
or ETHS 153HF	Honors Chicana/o and Latina/o Contemporary Issues		HIST 191 F	History of the Americas II (formerly HIST 162BF)	3
ETHS 159 F	Introduction to American Indian Studies	3	HIST 270 F	Women in United States History <sup>1</sup>	3
ETHS 160 F	American Indian History (formerly History of the Native Americans) <sup>1</sup>	3	HIST 273 F	United States Environmental History <sup>2</sup>	3
ETHS 162 F	Intro Fed Indian Law Policy	3	HIST 275 F	History of California (beg F'11)	3
ETHS 210 F	Eths Studies Educators Seminar	3	MKT 100 F	Introduction to Marketing (beg F'14)	3
ETHS 170 F	Introduction to Asian Pacific Islander American Studies	3	POSC 100 F	American Government	3
ETHS 171 F	Asian Pacific Islander American History <sup>1</sup>	3	or POSC 100HF	Honors American Government	
ETHS 202 F	Race, Ethnicity and Popular Culture <sup>2</sup>	3	POSC 110 F	Contemporary American Politics (beg F'11)	3
ETHS 235 F	Contemporary Social Justice Movements	3	or POSC 110HF	Honors Contemporary American Politics	
or ETHS 235HF	Honors Contemporary Social Justice Movements		POSC 120 F	Introduction to Political Theory	3
GEOG 100 F	Global Geography	3	POSC 150 F	California Government and Politics	3
or GEOG 100HF	Honors Global Geography		POSC 200 F	Introduction to the Study of Politics	3
GEOG 120 F	Global Environmental Problems	3	POSC 215 F	Comparative Politics (beg F'07)	3
GEOG 130 F	California Geography	3	POSC 216 F	Government and Politics of the Middle East	3
GEOG 262 F	Economic Geography	3	POSC 220 F	Introduction to Public Administration	3
HIST 110 F	Western Civilizations to 1550 (formerly Western Civilization I) <sup>1</sup>	3	POSC 230 F	Introduction to International Relations (beg F'07)	3
or HIST 110HF	Honors Western Civilizations to 1550 (formerly Western Civilization II)		POSC 250 F	Gender and Politics <sup>2</sup>	3
HIST 111 F	Western Civilizations Since 1550 (formerly Western Civilization II) <sup>1</sup>	3	POSC 275 F	Introduction to Public Law (beg F'11)	3
or HIST 111HF	Honors Western Civilizations Since 1550 (formerly Honors Western Civilization II)		SOC 102 F	Social Problems	3
HIST 112 F	World Civilizations to 1550 (formerly World Civilizations I) <sup>1</sup>	3	SOC 201 F	Dying and Death	3
or HIST 112HF	Honors World Civilizations to 1550 (formerly Honors World Civilizations I)		SOC 230 F	Sociology of Gender	3
HIST 113 F	World Civilizations Since 1550 (formerly World Civilizations II) <sup>1</sup>	3	or SOC 230HF	Honors Sociology of Gender	
or HIST 113HF	Honors World Civilizations Since 1550 (formerly Honors World Civilizations II)		SOC 277 F	Sociology of Religion	3
HIST 120 F	African Civilizations to 1880	3	or SOC 277HF	Honors Sociology of Religion	
HIST 121 F	African Civilizations since 1880	3	SOC 280 F	Media, Culture and Society	3
HIST 127 F	Survey of United States History (formerly Survey of American History)	3	SOC 285 F	Drugs and Society	3
HIST 151 F	Survey of British History I	3	or SOC 285HF	Honors Drugs and Society	
HIST 152 F	Survey of British History II	3	SOC 290 F	Sociology of Race and Ethnicity	3
HIST 154 F	Ancient Egypt <sup>1</sup>	3	or SOC 290HF	Honors Sociology of Race and Ethnicity	
HIST 160 F	Asian Civilizations I (formerly HIST 160AF)	3	SOC 292 F	Introduction to Criminology	3
HIST 161 F	Asian Civilizations II (formerly HIST 160BF)	3	or SOC 292HF	Honors Introduction to Criminology	
HIST 165 F	Introduction to the Middle East	3	SOC 295 F	Social Inequality	3
or HIST 165HF	Honors Introduction to the Middle East		<b>D2 - Theory and Research in Individual and Group Behavior</b>		
HIST 170 F	History of the United States to 1877 (formerly History of the United States I) <sup>1</sup>	3	ANTH 102 F	Cultural Anthropology	3
or HIST 170HF	Honors History of the United States to 1877 (formerly Honors History of the United States I)		or ANTH 102HF	Honors Cultural Anthropology	
HIST 171 F	History of the United States Since 1877 (formerly History of the United States II) <sup>1</sup>	3	ANTH 103 F	Introduction to Archaeology (beg F'11)	3
or HIST 171HF	Honors History of the United States Since 1877 (formerly Honors History of the United States II)		or ANTH 103HF	Honors Introduction to Archaeology	
			ANTH 105 F	Language and Culture	3
			or ANTH 105HF	Honors Language and Culture	
			BUS 181 F	The Entrepreneurial Mindset (formerly Business Plan Development) (beg F'17)	3
			BUS 266 F	Human Relations in Organizations (formerly Human Relations in Business)	3
			CDES 120 F	Child Development	3
			CDES 140 F	Infant and Toddler Development and Observation	3
			CDES 201 F	Child in the Home and Community	3
			COMM 105 F	Interpersonal Communication (beg F'20)	3



COUN 151 F	Career and College Success (formerly Career/Life Planning) <sup>1</sup>	3	PE 243 F	Stress Management (beg F'20)	3
COUN 152 F	Diversity in the World of Work <sup>1</sup>	3	PE 244 F	Techniques and Principles of Coaching (beg F'20)	3
COUN 163 F	Personal Growth and Life Success <sup>1</sup>	3	PE 247 F	Sports Management (beg F'20)	3
GEOG 160 F	Cultural Geography	3	PE 248 F	Psychology of Sport (beg F'20)	3
PE 250 F	Sports and Society	3	PE 266 F	Fitness for Living (formerly Physical Fitness as a Lifelong Concept) (beg F'20)	3
PSY 101 F	General Psychology	3	WELL 230 F	The Body-Mind Connection (beg F'20)	3
or PSY 101HF	Honors General Psychology				
PSY 120 F	Human Sexuality	3			
PSY 131 F	Cross Cultural Psychology	3			
PSY 139 F	Developmental Psychology: Life Cycle	3			
PSY 145 F	Child Psychology (beg F'11)	3			
PSY 202 F	Research Methods in Psychology (beg F'11)	4			
or PSY 202HF	Honors Research Methods in Psychology				
PSY 221 F	The Brain and Behavior	3			
PSY 222 F	Abnormal Psychology (beg F'11)	3			
PSY 225 F	Psychology of Prejudice and Discrimination	3			
PSY 233 F	The Psychology of Adjustment (beg F'12)	3			
PSY 251 F	Social Psychology (beg F'11)	3			
or PSY 251HF	Honors Social Psychology				
SOC 101 F	Introduction to Sociology	3			
or SOC 101HF	Honors Introduction to Sociology				
SOC 250 F	Sociology of Aging	3			
SOC 275 F	Marriage and Family	3			
or SOC 275HF	Honors Marriage and Family				
SOSC 130 F	Introduction to LGBTQ Studies	3			
WMNS 100 F	Introduction to Women's Studies	3			
or WMNS 100HF	Honors Introduction to Women's Studies				

<sup>1</sup> Course can be used only in one area (Area A to D)

<sup>2</sup> Course new for 2021-2022

\*"Equivalent Disclaimer" – Courses taken at another college must be equivalent to courses offered at Fullerton College.

<sup>1</sup> Course can be used only in one area (Area A to D).

## Area E: Lifelong Learning and Self-Development

Code	Title	Units
<b>E - Lifelong Learning and Self-Development</b>		
BUS 108 F	Living in an Online World <sup>2</sup>	3
BUS 185 F	Creativity Matters! (beg F'20)	3
BUS 201 F	Financial Investments (beg F'20)	3
CIS 100 F	Introduction to Personal Computers (beg F'20)	4
or CIS 100HF	Honors Introduction to Personal Computers	
COUN 135 F	Introduction to Leadership Development (beg F'20)	3
COUN 151 F	Career and College Success (formerly Career/Life Planning) (beg F'20) <sup>1</sup>	3
COUN 152 F	Diversity in the World of Work (beg F'20) <sup>1</sup>	3
COUN 160 F	Academic Success (formerly COUN 060 F)	3
COUN 163 F	Personal Growth and Life Success (beg F'20) <sup>1</sup>	3
MIND 101 F	The Practice of Mindfulness and Self-Compassion	3
MIND 105 F	Mindfulness in Everyday Life	3
NUTR 220 F	Sports Nutrition <sup>2</sup>	3