

# 2020-2021 UNIVERSITY CORE, CERTIFICATE OF ACHIEVEMENT

**Banner code:** 2\_CN\_UCOR

**Financial aid:** Not eligible

The pattern is an option for students who are seeking to enroll at a non-California institution and/or the receiving institution does not accept the IGETC pattern in lieu of the campus general breadth requirements. This coursework may also fulfill in part, or in whole, general education requirements for private and out of state institutions and would allow for a student to be well prepared for general admission requirements at non-California institutions. Please check with a Counselor to determine if this pattern is appropriate for your transfer and career goals.

## Program Level Learning Outcomes

Upon completion of the program, students will be able to:

1. Read critically to annotate, analyze, synthesize, and evaluate college-level materials.
2. Apply mathematical concepts through numerical, symbolic, graphical, and verbal methods to interpret quantitative information, solve problems, and communicate results.
3. Identify connections between the arts and cultural and social awareness.
4. Exhibit an understanding of methods of inquiry used by the social and behavioral sciences.
5. Communicate scientific ideas and theories effectively.

## Certificate of Achievement Requirements

This certificate goes through the State approval process and requires a minimum of 12 units of coursework in a particular academic or occupational area. The certificate programs normally include only those courses which have a direct bearing upon specialized occupational competency since the objective of earning the career certificate is immediate employment in a specialized area. Upon successful completion of the program and completing the application, the student will receive the certificate and be recognized at the graduation ceremony. In order to earn a Certificate of Achievement all courses that apply to the certificate must be completed with a minimum grade of "C" in each course unless otherwise stated. A minimum of 12 units in residence at GWC is required, and 50 percent of the certificate program must be completed at GWC.

Course	Title	Units
<b>Required Courses</b>		
<i>1. Written Communication and Critical Thinking</i>		
Complete 4 semester units in Written Composition		
ENGL G100	Freshman Composition	4-6
or ENGL G100S	Freshman Composition with Support	
Minimum of 3 semester units in Critical and Analytical Thinking		
ENGL G110	Critical Thinking, Reading And Writing Through Literature	4
PHIL G125	Critical Reasoning and Writing	3
PSYC G130	Critical Thinking in Psychology	3

Course	Title	Units
<i>2. Mathematics</i>		
Complete a minimum of 3 semester units		
MATH G100	Liberal Arts Mathematics	3
MATH G115	College Algebra	4
MATH G140	Business Calculus	4
MATH G160	Introduction To Statistics	4
MATH G170	Precalculus	5
MATH G180	Calculus I	5
MATH G185	Calculus 2	5
<i>3. Complete 4 courses (12 semester units) from categories below, with at least one course in each area</i>		
<i>Arts and Humanities</i>		
ART G100	Introduction to Art	3
ART G103	History of Asian Art	3
ART G104	Modern and Contemporary Art History	3
ART G105	Art History and Appreciation 1 - Prehistoric to Renaissance	3
ART G106	Art History and Appreciation 2 - Renaissance to Present	3
ART G158	History and Aesthetics of Photography	3
DANC G101	Viewing Dance	3
ENGL G112	Appreciation Of Literature	3
ENGL G114	Great Myths And Legends	3
ENGL G150	American Literature through the Civil War (1865)	3
ENGL G155	American Literature 1865 To The Present	3
ENGL G160	Masterpieces of World Literature I (From Antiquity to the Mid-17th Century)	3
ENGL G161	Masterpieces of World Literature II (From the Mid-17th Century to the Present)	3
ENGL G270	British Literature to 1800	3
ENGL G275	British Literature Since 1800	3
MUS G101	History & Appreciation Of Music	3
MUS G103	World Music	3
MUS G108	History & Appreciation Of The Musical Theater	3
MUS G139	History Of Rock Music	3
MUS G143	History of Jazz	3
PHIL G100	Introduction to Philosophy	3
PHIL G102	History of Ancient Philosophy	3
PHIL G110	Philosophy Of The East	3
PHIL G111	Philosophy of Religion - Western	3
PHIL G120	Ethics	3
PSCI G150	Political Philosophy	3
THEA G100	Introduction to the Theater	3
THEA G102	History And Appreciation Of The Cinema	3
THEA G108	History and Appreciation of the Musical Theater	3
THEA G111	Theater History and Literature - Classical to 1800	3
THEA G112	Theater History and Literature - 1800 to Modern	3
<i>Social and Behavioral Sciences</i>		

Course	Title	Units	Course	Title	Units
ANTH G100	Introduction To Cultural Anthropology	3	SOC G185	Analysis of Social Problems	3
ANTH G130	Introduction To Archaeology	3	<i>Physical and Biological Sciences</i>		
ANTH G140	Magic, Witchcraft, and Religion	3	ANTH G185	Physical Anthropology	4
ANTH G150	Native Peoples of North America	3	& G185L	and Physical Anthropology Lab	
ANTH G200	Gender, Culture, and Society	3	ASTR G100	Introduction to Astronomy	4
COMM G255	Intercultural Communication	3	& G100L	and Introduction to Astronomy Lab	
COMM G265	Gender Communication	3	BIOL G100	Introduction To Biology	4
CJ G123	Juvenile Law	3	BIOL G104	Marine Life	4
CJ G140	Introduction To Criminal Justice	3	& G104L	and Marine Life Laboratory	
ECON G110	Contemporary Economic Issues and Problems	3	BIOL G110	Ecology And Field Biology	3
ECON G170	Principles of Micro Economics	3	BIOL G120	Health and Disease	3
ECON G175	Principles of Macro Economics	3	BIOL G180	Cell and Molecular Biology	5
GEOG G100	World Regional Geography	3	BIOL G182	Zoology	4
GEOG G185	Human Geography	3	BIOL G183	Botany	4
HIST G110	Economic History Of The United States	3	BIOL G186	Diversity of Organisms	5
HIST G121	History of American Women	3	BIOL G210	General Microbiology	5
HIST G132	History Of Britain And Ireland I	3	BIOL G220	Human Anatomy	4
HIST G135	History of Britain and Ireland II	3	BIOL G221	Introduction to Anatomy and Physiology	4
HIST G140	California History	3	BIOL G225	Human Physiology	4
HIST G150	History of Latin America	3	CHEM G110	Introduction To Chemistry	5
HIST G161	World History 1	3	CHEM G130	Preparation for General Chemistry	4
HIST G162	World History 2	3	CHEM G180	General Chemistry A	5
HIST G170	History Of The United States To 1876	3	CHEM G185	General Chemistry B	5
HIST G175	History of the United States Since 1876	3	CHEM G220	Organic Chemistry A	5
HIST G180	Western Civilization 1	3	CHEM G225	Organic Chemistry B	5
HIST G185	Western Civilization 2	3	GEOG G180	Introduction To Geography: Physical	4
PEAC G100	Peace Studies Intro	3	& G180L	Geography	
PEAC G110	Nonviolence and Conflict Resolution	3	and Physical Geography Laboratory		
PEAC G150	Social Justice and Peacebuilding	3	GEOL G106	Earth Science For Teachers	4
PEAC G230	Leadership & Peacebuilding	3	GEOL G110	Physical Geology	4
PHIL G150	Political Philosophy	3	PHSC G100	Introductory Physical Science	4
PSCI G100	Introduction To Political Science	3	PHYS G110	Conceptual Physics	4
PSCI G101	Survey Of Current Issues	3	& PHYS G111	and Conceptual Physics Lab	
PSCI G105	Introduction to Global Studies	3	PHYS G120	Algebra Based Physics: Mechanics	4
PSCI G110	International Relations	3	PHYS G125	Algebra Based Physics: Electricity/ Magnetism	4
PSCI G150	Political Philosophy	3	PHYS G185	Calculus Based Physics: Mechanics	4
PSCI G180	American Government	3	PHYS G280	Calculus Based Physics: Electricity/ Magnetism	4
PSCI G185	Comparative Politics	3	PHYS G285	Calculus Based Physics: Modern	4
PSCI G205	Global Issues	3	<b>Total Units</b>		<b>22-29</b>
PSYC G100	Introduction To Psychology	3			
PSYC G116	Child Growth and Development	3			
PSYC G118	Life Span Developmental Psychology	3			
PSYC G165	Principles of Human Sexuality 1	3			
PSYC G255	Abnormal Psychology	3			
PSYC G260	Social Psychology	3			
SOC G100	Introduction To Sociology	3			
SOC G110	Introduction To Marriage And The Family	3			
SOC G133	Racial And Ethnic Relations In America	3			
SOC G134	Introduction To Chicano Studies	3			
SOC G160	Sociology of Criminology	3			