



## 2022-2023 Catalog

# CSU-GE Breadth Pattern

This page has been revised since the initial publication of the catalog. This is the updated version. Read the catalog addendum change log here.

This general education breadth pattern allows Modesto Junior College students who plan to transfer to a California State University (CSU) to complete lower-division general education requirements for baccalaureate degree at all CSU campuses. The pattern has six disciplinary “areas” (A-F) requiring at least 39-units of coursework. CSU transfer also requires completion of a History, Constitution, and American Ideals requirement that may be completed at MJC and is included in this pattern. A grade of C- or higher is required in Areas A1, A2, A3, and B4 for admission to the CSU System, but individual CSU campuses may accept “pass” grades for the other areas. “Certification” of CSU-GE is recommended for transfer to CSU but can vary by major. Students pursuing “High unit” majors are discouraged from completing all GE requirements. For these reasons, students are strongly encouraged to work with a counselor or enroll in a Guidance course to complete an educational plan and review critical information on transferring to CSU.

### Area A: English Language, Communication, and Critical Thinking

Complete one course in each category for a total of nine (9) units. Each course must be completed with at least a grade of C/P/CR.

Code	Course Name	Units	First Semester
<b>A.1 Oral Communication</b>			
COMM 100	Fundamentals of Public Speaking	3	Su2014
COMM 102	Introduction to Human Communication	3	Su2014
<b>A.2 Written Communication</b>			
ELIC 100	Intensive Reading, Writing, and Reasoning for English Language Learners	5	F2020
ENGL 100	Intensive Reading, Writing, and Reasoning	5	F2016
ENGL 101	Composition and Reading	3	F1995
<b>A.3 Critical Thinking</b>			
COMM 104	Argumentation	3	Su2014
COMM 107	Introduction to Debate	3	Su2014
CSCI 203	Symbolic Logic	3	Su2014
ENGL 103	Advanced Composition and Critical Thinking	3	S2002
PHILO 103	Symbolic Logic	3	F1995
PHILO 105	Critical Reasoning and Analytic Writing	3	Su2016
PHILO 107	Philosophy of Science	3	F1993
READ 184	Critical Reading	3	F2017

### Area B: Scientific Inquiry and Quantitative Reasoning

Complete nine (9) units: one course from B1, B2, and B4. One B1 or B2 course must include a laboratory component (\*) to satisfy requirements for B3. The course completed in B4 must be completed with a C/P/CR.

Code	Course Name	Units	First Semester
<b>B.1 Physical Science</b>			
ASTRO 160	Introduction to Modern Astronomy	3	F1995

CHEM 101*	General Chemistry 1	5	F1998
CHEM 102*	General Chemistry 2	5	F1998
CHEM 112*	Organic Chemistry 1	5	F1991
CHEM 113*	Organic Chemistry 2	5	F1991
CHEM 122*	Structure and Reactivity: Organic Chemistry 1	4	Su2015
CHEM 123*	Structure and Reactivity: Organic Chemistry 2	4	Su2015
CHEM 142	Pre-General Chemistry	3	Su2008
CHEM 143*	Introductory College Chemistry	4	Su2015
CHEM 144*	Fundamentals of Organic and Biochemistry	4	F1995
CHEM 150	Exploring Our Chemical Environment	3	F2009
EASCI 161*	Earth Science	4	F1997
EASCI 162*	Introduction to Oceanography	4	Su2008
EASCI 163	Climate and Climate Change	4	F2022
GEOG 101	Physical Geography	3	F1995
GEOL 160	Introduction to Geology	3	F1995
GEOL 161*	Physical Geology	4	F1990
GEOL 165	Geology of California	3	F1995
GEOL 166*	Historical Geology	4	F1990
METEO 161*	Introduction to Meteorology	4	Su2008
NR 200*	Soils	3	F2004
PHSCI 180*	Conceptual Physical Science: A Hands On Approach	4	Su2015
PHYS 101*	General Physics: Mechanics	4	Su2016
PHYS 102*	General Physics: Waves, Thermodynamics & Optics	4	Su2016
PHYS 103*	General Physics: Electricity, Magnetism, & Modern Physics	4	Su2016
PHYS 142*	Mechanics, Heat and Waves	4	Su2016
PHYS 143*	Electricity, Magnetism, Optics, Atomic and Nuclear Structure	4	Su2016
PHYS 160	Descriptive Introduction to Physics	3	F1995
PHYS 165*	Introductory Physics	4	Su2016
PHYS 180*	Conceptual Physics: A Hands-on Approach	4	Su2008

## B.2 Life Science

ANAT 125*	Human Anatomy	4	Su2016
ANSC 200	Introduction to Animal Science	3	S2006
ANTHR 101^	Biological Anthropology	3	F1990
ANTHR 110*	Biological Anthropology with Laboratory	4	F2019
BIO 101*	Biological Principles	4	Su2015
BIO 111*	General Biology	4	F1995
BIO 114*	General Ecology	4	Su2010
BIO 115	Genetics, Evolution and Society	3	F1997
BIO 116*	Biology: A Human Perspective	4	Su2010
BIO 140*	Introduction to Marine Biology	4	F1996
BIO 145*	Introduction to Fresh Water Biology	4	F1996
BOT 101*	General Botany	4	F1995
BOT 110*	Plant Biology	3	F2015
ENSCI 108	Environmental Conservation	3	F1997
MICRO 101*	Microbiology	4	F1994
PHYSO 101*	Introductory Human Physiology	4	Su2016
PLSC 200	Introduction to Plant Science	3	Su2004
PSYCH 103	Introduction to Neuroscience	3	F1990
ZOOL 101*	General Zoology	4	F1995

## B.3 Laboratory Activity

ANAT 125*	Human Anatomy	4	Su2016
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ANTHR 105*	Biological Anthropology Laboratory	1	Su2013
ANTHR 110*	Biological Anthropology with Laboratory	4	F2019
ASTRO 151*	Introduction to Astronomy Laboratory	1	F2012
BIO 101*	Biological Principles	4	Su2015
BIO 111*	General Biology	4	F1995
BIO 114*	General Ecology	4	Su2010
BIO 116*	Biology: A Human Perspective	4	Su2021
BIO 140*	Introduction to Marine Biology	4	F1996
BIO 145*	Introduction to Fresh Water Biology	4	F1996
BOT 101*	General Botany	4	F1995
BOT 110*	Plant Biology	3	F2015
CHEM 101*	General Chemistry 1	5	F1998
CHEM 102*	General Chemistry 2	5	F1998
CHEM 112*	Organic Chemistry 1	5	F1991
CHEM 113*	Organic Chemistry 2	5	F1991
CHEM 122*	Structure and Reactivity: Organic Chemistry 1	4	Su2015
CHEM 123*	Structure and Reactivity: Organic Chemistry 2	4	Su2015
CHEM 164*	Introductory Chemistry Laboratory	2	F2012
CHEM 143*	Introductory College Chemistry	4	Su2015
CHEM 144*	Fundamentals of Organic and Biochemistry	4	F1995
EASCI 161*	Earth Science	4	F1997
EASCI 162*	Introduction to Oceanography	4	Su2008
GEOG 111*	Physical Geography Lab	1	S2017
GEOL 161*	Physical Geology	4	F1990
GEOL 166*	Historical Geology	4	F1990
METEO 161*	Introduction to Meteorology	4	Su2008
MICRO 101*	Microbiology	4	F1994
NR 200*	Soils	3	F2004
PHSCI 180*	Conceptual Physical Science: A Hands On Approach	4	Su2008
PHYS 101*	General Physics: Mechanics	4	Su2016
PHYS 102*	General Physics: Waves, Thermodynamics & Optics	4	Su2016
PHYS 103*	General Physics: Electricity, Magnetism, & Modern Physics	4	Su2016
PHYS 142*	Mechanics, Heat and Waves	4	Su2016
PHYS 143*	Electricity, Magnetism, Optics, Atomic and Nuclear Structure	4	Su2016
PHYS 165*	Introductory Physics	4	Su2016
PHYS 180*	Conceptual Physics: A Hands-on Approach	4	Su2011
PHYSO 101*	Introductory Human Physiology	4	Su2016
ZOOL 101*	General Zoology	4	F1995

## B.4 Mathematics/Quantitative Reasoning

BUSAD 228	Business Statistics	3	F2022
CSCI 204	Discrete Structures for Computer Science	3	Su2015
MATH 101	Mathematical Ideas and Applications	3	F1990
MATH 105	Structure of Mathematics 1	3	Su2015
MATH 106	Structure of Mathematics 2	3	F1993
MATH 111	College Algebra	3	F2002
MATH 128	Business Statistics	3	F2022
MATH 130	Finite Mathematics	3	F1995
MATH 134	Elementary Statistics	4	Su2015
MATH 138	Calculus for Business and Social Sciences	3	F1995
MATH 161	Trigonometry	4	S2017
MATH 162	Precalculus	4	S2017

MATH 171	Calculus: First Course	5	
MATH 172	Calculus: Second Course	4	S2017
MATH 173	Calculus: Third Course	5	Su2007
MATH 191	Linear Algebra	3	F2019
MATH 193	Ordinary Differential Equations	3	F2019
PSYCH 121	Introduction to Statistics for the Social & Behavioral Sciences	3	F2015

## Area C: Arts and Humanities

Complete 9 units, 3 units from C1, 3 units from C2, and 3 units from C1 or C2

Code	Course Name	Units	First Semester
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### C.1 Arts

ART 102	Introduction to Computer Graphics	3	F1995
ART 120	Basic Drawing 1	3	F1995
ART 140	Sculpture 1	3	F2005
ART 151	Survey of Islamic Art	3	F2017
ART 160	Appreciation of Art	3	F1995
ART 162	History of Renaissance Art	3	F1992
ART 163	History of Modern Art	3	F1994
ART 164	History of Art 1: Prehistoric to Gothic	3	Su2017
ART 165	History of Art 2: Renaissance to Contemporary	3	Su2017
ART 168	History of Photography	3	Su2013
ART 169	Survey of Asian Art	3	F1999
ART 170	Basic Photography	3	F1989
CMPGR 202	Introduction to Computer Graphics	3	F1995
COMM 120	Oral Interpretation	3	Su2014
COMM 123	Storytelling	3	Su2014
COMM 132^	Introduction to Mass Communication	3	Su2016
DANCE 102	Introduction to World Dance	3	Su2016
ENGL 161	Film Appreciation	3	Su2015
MUSG 101	Music Appreciation	3	Su2009
MUSG 102	Introduction to World Music	3	Su2009
MUSG 111	Introduction to American Popular Music	3	Su2009
MUST 121	Music Theory 1	3	Su2009
MUST 122	Music Theory 2	3	Su2009
MUST 123	Music Theory 3	3	Su2009
MUST 124	Music Theory 4	3	Su2009
SOCSC 154	Movies with a Message	3	F2007
THETR 100	Introduction to Theater Arts	3	F1995
THETR 123	Storytelling	3	F2000
THETR 160	Fundamentals of Acting	3	F1995
THETR 161	Intermediate Acting	3	F1995

### C.2 Humanities

ANTHR 104^	Linguistic Anthropology	3	Su2007
ENGL 102	Advanced Composition and Introduction to Literature	3	S2007
ENGL 105	Creative Writing: Poetry	3	F1995
ENGL 106	Creative Writing: Short Fiction	3	F2000
ENGL 111	Creative Writing: Creative Nonfiction	3	F2019
ENGL 112	Introduction to the Novel and Short Story	3	F1995
ENGL 114	Introduction to Poetry	3	F1995
ENGL 116	Introduction to Drama	3	F1995

ENGL 131	Introduction to World Literature 1	3	Su2013
ENGL 132	Introduction to World Literature 2	3	Su2015
ENGL 135	Survey of American Literature to 1850	3	Su2010
ENGL 136	Survey of American Literature: 1850 to Present	3	Su2010
ENGL 137	Survey of English Literature to the late 18th Century	3	Su2013
ENGL 138	Survey of English Literature: Late Eighteenth Century to Present	3	Su2013
ENGL 151	Folklore	3	Su2010
ENGL 155	The Bible as Literature	3	F2022
ENGL 156	The Bible as Literature: The Hebrew Canon and Intertestamental Writing	3	Su2011
ENGL 157	The Bible as Literature - The New Testament	3	F2003
ENGL 162	History of Cinema	3	F2003
ENGL 163	Introduction to Shakespeare	3	F1995
ENGL 168	Adolescent Literature	3	F1990
ENGL 169	Children's Literature	3	S2007
ENGL 171	Introduction to African-American Literature	3	F1990
ENGL 172	Intro to Chicano/a Literature	3	F1993
ENGL 173	Introduction to Latin American Literature	3	F1993
ENGL 174	Introduction to Modern Asian Literature	3	S2005
ENGL 175	Introduction to Women's Literature	3	Su2008
ENGL 179	Introduction to Native American Literature, Mythology and the Oral Tradition	3	F1995
FREN 101	French 1	5	Su2007
FREN 102	French 2	5	Su2007
GERM 101	German 1	5	Su2008
HIST 104^	Western Civilization to 1650	3	F2010
HIST 105^	Western Civilization Since 1648	3	F2010
HIST 106^	World Civilization to the 16th Century	3	S2007
HIST 107^	World Civilization from the 16th Century	3	F2010
HUMAN 101	Introduction to the Humanities	3	F1995
HUMAN 105	Early Humanistic Traditions	3	F1989
HUMAN 106	Humanities in the Modern World	3	F1989
HUMAN 110	East Meets West	3	F1987
HUMAN 130	Introduction to Western Religions	3	F2003
HUMAN 140	Introduction to World Mythology	3	S2006
ITAL 101	Italian 1	5	F2007
PHILO 101	Philosophy	3	F1995
PHILO 111	Ethics: Theory and Application	3	F1995
PHILO 113	Philosophy and Art	3	Su2008
PHILO 115	Religion: Philosophical and Comparative Inquiry	3	Su2018
PHILO 120	History of Philosophy: Ancient	3	F1995
PHILO 121	History of Philosophy: Modern	3	F1995
PHILO 123	Twentieth Century Philosophy	3	F2002
PHILO 135	Environmental Ethics	3	F2008
PHILO 140	Philosophy and Film	3	F1993
SIGN 125	ASL - Beginning Communication with the Deaf	3	F1995
SIGN 126	ASL - Intermediate Communication with the Deaf	3	F1995
SIGN 127	ASL - Advanced Communication with the Deaf	3	F1995
SPAN 101	Spanish 1	5	Su2007
SPAN 102	Spanish 2	5	F2008
SPAN 103	Spanish 3	4	F2016
SPAN 109	Spanish for Spanish Speakers 1	5	Su2007
SPAN 110	Spanish for Spanish Speakers 2	5	S2007
SPAN 112	Introduction to Chicano/a Literature	3	F1990

SPAN 173 Survey of Latin American Literature 3 S2006

## Area D: Social Sciences

Complete 6 semester units, two courses from one or more disciplines.

Code	Course Name	Units	First Semester
ADJU 201	Introduction to Administration of Justice	3	F2011
ADJU 203	Concepts of Criminal Law	3	F2011
ADJU 234	Introduction to Crime	3	F2020
AGEC 210	Elements of Agricultural Economics	3	F2001
AGGE 146	Agriculture, Environment and Society	3	F1997
ANTHR 101^	Biological Anthropology	3	F1990
ANTHR 102	Cultural Anthropology	3	F1995
ANTHR 104^	Linguistic Anthropology	3	Su2007
ANTHR 130	Archaeology and Cultural Prehistory	3	F1995
ANTHR 140	Magic, Witchcraft and Religion	3	F1997
ANTHR 150	Native People of North America	3	F2011
CLDDV 103^	Child Growth and Development	3	F2009
CLDDV 109	Child-Family-Community	3	F2020
CLDDV 262	Diversity in Educational Settings	3	F2008
COMM 103	Interpersonal Communication	3	Su2014
COMM 130	Intercultural Communication	3	Su2014
COMM 132^	Introduction to Mass Communication	3	Su2016
ECON 101	Principles of Macroeconomics	3	F2017
ECON 102	Principles of Microeconomics	3	F2017
ECON 115	Economic History of the United States	3	F2004
ENSCI 110	California Water	3	F1998
FAMLF 131^	Family Relationships	3	S2007
GEOG 102	Cultural Geography	3	F1995
GEOG 104	California Geography	3	F2008
GEOG 105	Economic Geography	3	F2000
GEOG 107	Introduction to Global Studies	3	F2020
GEOG 110	World Regional Geography	3	F1997
HE 112	Introduction to Public Health	3	F2022
HE 114	Health and Social Justice	3	Su2017
HIST 101	History of the United States to 1877	3	Su2011
HIST 102	History of the United States Since 1865	3	Su2012
HIST 104^	Western Civilization to 1650	3	Su2011
HIST 105^	Western Civilization Since 1648	3	Su2020
HIST 106^	World Civilization to the 16th Century	3	F2002
HIST 107^	World Civilization from the 16th Century	3	F2002
HIST 115	Economic History of the United States	3	F2004
HIST 116	Women in American History	3	F2010
HIST 125	History of Mexico	3	F2015
HIST 129	History of California	3	F1995
HIST 145	History of Latin America	3	F2011
HIST 154	African-Americans through the 19th Century	3	F1995
HIST 155	African-Americans in the 20th and 21st Centuries	3	F1999
KIN 103	Sports and Society	3	F2020
PHILO 130	Political Philosophy	3	F1995
POLSC 101	American Politics	3	F2004
POLSC 102	The Constitution and the Rights of Persons	3	Su2016
POLSC 110	International Relations	3	S2000

POLSC 120	California Politics and Problems	3	Su2014
POLSC 130	Political Theory	3	Su2014
POLSC 131	American Political Thought	3	S2007
POLSC 140	Comparative Politics	3	F1995
POLSC 165	Political Science Research Methods	3	F2018
POLSC 180	Human Rights	3	Su2014
PSYCH 101	General Psychology	3	F1995
PSYCH 104	Introduction to Social Psychology	3	F1991
PSYCH 105	Abnormal Psychology	3	S2007
PSYCH 111	Psychology of Gender	3	S2007
SIGN 119	Deaf Studies	3	F2018
SOCIO 101	Introduction to Sociology	3	F1995
SOCIO 102	Social Problems in the United States	3	F2001
SOCIO 125	Sociology of the Family	3	F1995
SOCIO 150	Ethnicity and Culture in the United States	3	S2007
SOCIO 154	African-American Cultures and Communities	3	F1999
SOCIO 156	Mexican Culture in the United States	3	F1995
SOCSOC 105	Introduction to Global Women's Studies	3	F2001
SOCSOC 130	Introduction to LGBTQ Studies	3	F2020

## Area E: Lifelong Learning and Self-Development

Complete 3 semester units.

Code	Course Name	Units	First Semester
ADJU 217	Substance Abuse	3	F2012
CLDDV 103^	Child Growth and Development	3	F2007
COLSK 100	Foundation for First Year College Success	3	Su2011
FAMLF 131^	Family Relationships	3	S2007
FDNTR 219	Introduction to Nutrition Science	3	F2014
HE 110	Healthful Living	3	F1995
HE 111	Women's Health Issues	3	F1995
HE 112	Introduction to Public Health	3	F2022
HE 115	Drugs, Health, and Society	3	Su2017
HUMSR 118	Drugs and Human Behavior	3	F2017
LIBR 100	Information Literacy & Research Methods	3	F2022
PSYCH 110	Human Sexualities	3	F2001
PSYCH 118	Drugs and Human Behavior	3	F2017
PSYCH 130	Personal Adjustment	3	F1996
PSYCH 141	Human Lifespan Development	3	Su2009

## Area F: Ethnic Studies†

Complete one course for three (3) units

Code	Course Name	Units	First Semester
ETHS 101	Introduction to Ethnic Studies	3	F2021
ETHS 102	Introduction to Latinx Studies	3	F2021

## CSU US History, Constitution and American Ideals Requirement

### Lower-Division Requirement for CSU Baccalaureate Degree

An additional six (6) units are needed to complete the California State University History, Constitution, and American Ideals requirement for the BA/BS degree. This can be done by completing Group a & b combined, or Group c.

Code	Course Name	Units	First Semester
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### Group a: Complete three (3) units, AND

ECON 115	Econ Hist of the US	3	F2004
HIST 101	Hstry of US to 1877	3	F2004
HIST 102	Hstry of US Since 1865	3	F2004
HIST 115	Econ Hist of the US	3	F2004
HIST 116	Women in Amer Hist	3	F2004
HIST 154	Afri Amer thru 19th Cent	3	F2004
HIST 155	Afri Amer in 20th/21st Cent	3	F2004

### Group b: Complete three (3) units

POLSC 101	Amer Politics	3	F2004
POLSC 102	Const & Rights of Pers	3	F2004
POLSC 120	Calif Politics & Problems	3	F2004

### OR

### Group c: Complete six (6) units

HIST 101	Hstry of US to 1877	3	F2004
HIST 102	Hstry of US Since 1865	3	F2004

**First Semester** if specified, course is eligible for CSU-GE only during and after the term/year indicated (F: Fall, SP: Spring, SU: Summer).  
 ^ Although listed in more than one area, the course may be counted toward only one CSU-GE pattern area.  
 \* Denotes a laboratory science course.

† Per CSU System Office, students who began enrollment at a California Community College prior to Fall of 2021 AND maintain continuous enrollment will be exempt from CSU-GE: Area F. Students who complete an Associate Degree for Transfer before Fall of 2021 are considered GE Certified and are not subject to additional GE requirements.

CSU-GE courses are locally proposed by the MJC Curriculum Committee, then approved by a statewide GE Review Committee. For more information on CSU-GE course approval, See CSU Policy Statement 1100.