

General Education

A minimum of 19 units of general education is required for the A.A. or A.S. degree. Please note: One of the general education courses must be a cross-cultural studies course. Most cross-cultural studies courses will satisfy the Cross-Cultural Studies Requirement and one other general education requirement. If a cross-cultural studies course is not found in another general education category, then additional units of general education are needed to meet the A.A. or A.S. degree. Likewise, courses counted for two general education requirements may not be used to fulfill a major requirement.

COLLEGE OF MARIN'S COMMITMENT TO AN EXCELLENT EDUCATIONAL FOUNDATION

Students come to College of Marin to achieve a wide variety of goals, including obtaining foundational skills in Math, English and ESL, Career or Technical training, an A.A. or A.S. degree, and transfer, as well as for lifelong learning and cultural enrichment. No matter what a student's reasons are, the college is committed to the educational growth of all undergraduates and the development of the following academic skills that allow students to pursue any major:

Communication (Written, Oral, Visual)

Effectively and critically understand and communicate visually, in writing, and orally using traditional and/or modern information resources and supporting technology.

Scientific and Quantitative Reasoning

Locate, identify, collect, and organize data in order to then analyze, interpret or evaluate it using mathematical skills and/or the scientific method.

Critical Thinking

Differentiate between facts, influences, opinions, and assumptions to reach reasoned and supportable conclusions. Recognize and identify the components of a problem or issue, look at it from multiple perspectives, and investigate ways to resolve it.

Information Literacy

Formulate strategies to locate, evaluate and apply information from a variety of sources - print and/or electronic.

Cultural Awareness and Community Engagement

Become ethically responsible, equity-minded participants in society, informed and involved in civic affairs and environmental stewardship locally, nationally, and globally. Demonstrate understanding and appreciation of the diversity of cultural works, practices, and beliefs.

Personal and Professional Development

Engage in healthful living and wellness physically, intellectually, emotionally and socially; enhance skills for the workplace and marketplace.

These serve as both the College's college-wide outcomes and as the outcomes for our General Education Program.

COLLEGE OF MARIN GENERAL EDUCATION STATEMENT OF PURPOSE

While college students choose a specific field of study, part of their educational experience and requirements include a program of general education. This well-rounded, student driven educational package is intended to be complementary to, but different in emphasis from, the specialized education received for a job or a profession, or from focusing on a particular field of study. By completing a general education program, students expand their knowledge of the content and methodologies in a variety of disciplines.

College of Marin General Education Descriptors

A. NATURAL SCIENCES

These courses examine the physical universe, its life forms and natural phenomena and enable students to develop a greater appreciation of the world around them. Through exposure to the broad range of sciences—physical science, biological science, and earth science—students learn how to acquire scientific information to develop their understanding of the nature of science and the relationship between humans and the natural world. In the courses listed for this area, students learn to:

- Apply the scientific method to explore physical and biological phenomena, including observation, hypothesis development, measurement, data collection, experimentation and analysis.
- Articulate core concepts in a biological or physical science discipline.

B. SOCIAL AND BEHAVIORAL SCIENCE

These courses examine people as members of society by exploring the diversity in peoples, cultures, politics, histories, and the complex forces that influence individuals and groups as well as shape and change human societies. These courses teach students how to evaluate these concepts through scientific and social inquiry.

In the courses listed for this area, students learn to:

- Apply the approaches social and behavioral scientists use to explore social phenomena and human behavior, including observation, hypothesis development, measurement, data collection, experimentation, evaluation of evidence, and analysis.
- Analyze and articulate core concepts in a specific social or behavioral science discipline.

C. ARTS AND HUMANITIES

The arts and humanities study human culture, creativity, and thought in all its forms, including significant works of art, literature, performance, language, and philosophy from around the world. An arts and humanities education may also include creating aesthetic works to develop a broader contextual understanding of the arts. In the courses listed for this area, students learn to:

- Recognize, analyze, and reflect on significant cultural works.
- Foster a greater understanding of aesthetic, intellectual, linguistic, political, and religious dimensions of various cultures.

D. WRITTEN COMPOSITION

The study of written composition helps students build the skills and strategies necessary to read and write at the college level and in everyday life. In the courses listed for this area, students learn to:

- Communicate complex ideas to a variety of audiences through clear and effective writing.
- Support one's ideas with compelling, logical, and credible evidence and analysis from readings and research.
- Develop a successful writing process adaptable to diverse writing situations.
- Document sources appropriately to build credibility as a scholar.

E. COMMUNICATION AND ANALYTICAL THINKING

These courses promote advanced level communication and analytical thinking through writing, speech, logic, and/or quantitative problem solving. These critical thinking skills are applicable throughout one's academic, professional, and personal experiences. In the courses listed for this area, students learn to:

- Evaluate information critically and express concepts and reasoning clearly.
- Build clear and logical arguments to support or refute hypotheses.
- Develop and apply analytical and reasoning skills to define, plan and solve complex problems.

F. AMERICAN INSTITUTIONS

These courses build a foundation necessary for being an engaged citizen. Assignments ask students to think critically, ethically, independently, and creatively about American society. In the courses listed for this area, students learn to:

- Explore the history and evolution of the core concepts in American social, political and economic institutions.
- Articulate how individuals connect to and affect their community, state, nation and the world.

G. CROSS-CULTURAL STUDIES

These courses develop a political and historical understanding of the experiences of ethnic and racial groups in the United States. Students interpret historical events from the perspectives of these groups. Students may also use interdisciplinary concepts to explore the diversity of visual and performing arts, the literary creative process, and literary tools and techniques among ethnic groups with shared cultural histories, languages, and traditions. In the courses listed for this area, students learn to:

- Analyze and evaluate the organizations, movements, and roles of a broad range of ethnic and racial groups in the United States.
- Evaluate misconceptions and stereotypes about cultural groups in the United States and recognize the influence of their own cultural group.

H. PHYSICAL HEALTH

Students taking these Dance, Kinesiology, or Health Education courses gain fitness and wellness benefits from cardiorespiratory strength, muscular strength, and endurance training.

In the courses listed for this area, students learn one or more of the following:

- Implement a cardiorespiratory, muscular strength and endurance plan compatible with their goals and lifestyle.
- Identify how much and the types of physical activity one should do for optimal health and wellness.
- Identify basic principles of health and wellness to develop an informed, personal approach to mental and physical health.

GENERAL EDUCATION COURSES

One course from each category required for graduation (19 units minimum).

A. NATURAL SCIENCES

Select one course from the following. (Three units minimum)

ANTH 101 - Intro to Physical/Biological Anthropology

ANTH 101L - Physical/Biological Anthropology Lab

ASTR 101 - Intro to Astronomy

ASTR 117L - Intro to Astronomy Lab

BIOL 100 - Nutrition

BIOL 101 - Field Biology

BIOL 107/KIN 107 - Human Biology*

BIOL 108A - Human Sexuality

BIOL 110 - Intro to Biology

BIOL 110L - Intro to Biology Lab

BIOL 112A – Majors' Biology I: Animals

BIOL 112B – Majors' Biology II: Plants

BIOL 112C – Majors' Biology III: Molecules

BIOL 120 - Human Anatomy

BIOL/ENVS138 - Intro to Environmental Sciences*

BIOL/ENVS/GEOG 141 - Global Climate Change*

BIOL 160 - Soil: Ecology and Management*

BIOL 162 - General Ecology

BIOL 169A - Intro to Ornithology A

BIOL 169B - Intro to Ornithology B
BIOL 224 - Human Physiology
BIOL 235 - General Marine Biology
BIOL 240 - Microbiology
CHEM 105 - Chemistry in the Human Environment
CHEM 105L - Chemistry in the Human Environment Lab
CHEM 110 - Chemistry for Allied Health Sciences
CHEM 114 - Intro to Chemistry
CHEM 115 - Survey of Organic/Biochemistry
CHEM 131 - General Chemistry I
CHEM 132 - General Chemistry II
CHEM 132E - General Chemistry II, Lecture Only
CHEM 231 - Organic Chemistry I
CHEM 232 - Organic Chemistry II
CHEM 232E - Organic Chemistry II, Lecture Only
ENVS/BIOL 138 - Intro to Environmental Sciences*
ENVS/BIOL/GEOG 141 - Global Climate Change*
GEOG 101 - The Physical Environment
GEOG 101L - Physical Environment Lab
GEOG 109 - Geography of California
GEOG 112 - Meteorology and Climatology
GEOG/BIOL/ENVS 141 - Global Climate Change*
GEOL 103 - Environmental Geology
GEOL 109 - General Oceanography
GEOL 110 - Earth Science
GEOL 114 - Geology of California
GEOL 120 - Physical Geology
GEOL 120L - Physical Geology Lab
GEOL 121 - Historical Geology
GEOL 201 - Elementary Mineralogy
KIN 107/BIOL 107 - Human Biology*
PHYS 108A - General Physics I
PHYS 108AC - General Physics I, Calculus Supplement

PHYS 108B - General Physics II
PHYS 108BC - General Physics II, Calculus Supplement
PHYS 110 - Introductory Physics
PHYS 110L - Conceptual Physics Lab
PHYS 207A - Mechanics and Properties of Matter
PHYS 207B - Electricity and Magnetism
PHYS 207C - Heat, Light, Sound, and Modern Physics

B. SOCIAL AND BEHAVIORAL SCIENCE

Select one course from the following. (Three units minimum)

AJ 204 - Crime and Delinquency
ANTH 102 - Intro to Cultural Anthropology
ANTH 110 - Intro to Archeology and Prehistory
ANTH 208 - Magic, Folklore, and Healing
ASL 110 - History/Culture of Deaf People in America
BEHS 103 - Human Sexuality
BEHS 114 - Chemical Dependency
BEHS/SOC 130 - Race and Ethnicity*
BEHS/SOC 223 - Gender and Society*
BIOL 251/PSY 251 - Biological Psychology*
BUS 101 - Intro to Business
COMM 110 - Intro to Mass Communication
COMM 160 - Race, Gender and Class in the Media
ECE 110 - Child Development
ECE 112 - Child, Family and Community
ECON 101 - Macroeconomics
ECON 102 - Microeconomics
ECON 120 - Intro to Environmental Economics
ETST 110 - Intro to Ethnic Studies
ETST 111 - History of African Americans A
ETST 112 - Introduction to African American Studies
ETST 121 - Introduction to Chicana/o Studies
ETST/HIST 151 - Native American History*
ETST 154 - Native American Literature

ETST/HIST 214 - History of Latin America*

ETST/HIST 216 - History of Mexico*

GEOG 100 - World Regional Geography

GEOG 102 - The Human Environment

GEOG 109 - Geography of California

HIST 100 - Major Trends/American History

HIST 101 - World History I

HIST 102 - World History II

HIST 103 - Science, Technology and Civilization

HIST 110 - Western Civilization I

HIST 111 - Western Civilization II

HIST 112 - Western Civilization III

HIST 117 - History of the US I

HIST 118 - History of the US II

HIST/ETST 151 - Native American History*

HIST/POLS 211 - Women/American History/Politics*

HIST/POLS 212 - History/Politics of Modern Asia*

HIST/ETST 214 - History of Latin America

HIST/ETST 216 - History of Mexico

HIST 238 - History of Africa

POLS 100 - American Political Institutions

POLS 101 - Intro to the Government of the US

POLS 102 - Comparative Political Systems

POLS 103 - Political Theory

POLS 104 - International Relations

POLS 117 - The Middle East: A Political Perspective

POLS 201 - Understanding Globalization

POLS 203 - Understanding Terrorism

POLS 210 - War, Peace and the United Nations

POLS/HIST 211 - Women/American History/Politics*

POLS/HIST 212 - History/Politics of Modern Asia*

POLS 219 - Politics of the US Presidency

POLS 220 - American Foreign Policy

PSY 110 - Intro to Psychology
PSY 111 - Personality Dynamics and Effective Behavior
PSY 112 - Child and Adolescent Psychology
PSY 114 - Psychology of Human Development/Lifespan
PSY 116 - Theories of Personality
PSY/SOC 140 - Family and Intimate Relationships*
PSY 204 - Abnormal Psychology
PSY/SOC 205 - Introduction to Research Methods*
PSY/SOC 230 - Social Psychology*
PSY/BIOL 251 - Biological Psychology*
SOC 110 - Intro to Sociology
SOC 112 - Modern Social Problems
SOC 114 - Global Social Issues
SOC/BEHS 130 - Race and Ethnicity*
SOC/PSY 140 - Family and Intimate Relationships*
SOC/PSY 205 - Introduction to Research Methods*
SOC/BEHS 223 - Gender and Society*
SOC/PSY 230 - Social Psychology*

C. ARTS AND HUMANITIES

Select one course from the following. (Three units minimum)

ARCH 100 - History of Architecture I
ARCH 101 - History of Architecture II
ARCH 102 - History of Architecture III
ART 101 - History of Western Art: Ancient - Medieval
ART 102 - History of Western Art: Medieval - 19th Century
ART 103 - History of Western Art: 19th and 20th Cent.
ART 105 - Intro to Contemporary Art and Visual Culture
ART 107 - Art of the United States: A Diverse History
ART 108 - Arts of the Americas*
ART 110 - History of Islamic Art
ART 111 - History of Art: A Global Perspective
ART 112 - 2-D Art and Design Foundations
ART 113 - 3-D Art and Design Foundations

ART 114 - Interior Design I
ART 116 - Jewelry Design I
ART 118 - Gallery Design/Management I
ART 130 - Drawing & Composition I
ART 134 - Introduction to Life Drawing
ART 140 - Painting I
ART 144 - Watercolor I
ART 146 - Life Painting I
ART 148 - Color Theory
ART 152 - Introduction to Printmaking
ART 165 - Fiber Sculpture I
ART 170 - Ceramics I
ART 180 - Sculpture I
ART 185 - Life Sculpture I
ART 197 - A History of Photography
ASL 101 - Elementary Sign Language I
ASL 102 - Elementary Sign Language II
ASL 110 - History /Culture of Deaf People in America
ASL 203 - Intermediate Sign Language III
ASL 204 - Intermediate Sign Language IV
CHIN 101 - Elementary Chinese Mandarin I
CHIN 102 - Elementary Chinese Mandarin II
DANC 101 - African American Dance History
DANC 108 - Dance History
DRAM 110 - Intro to the Theatre
DRAM 116 - Survey Dramatic Lit: Ancient Greek/Present
DRAM 117 - Survey Dramatic Lit: Shakespeare
DRAM 150 - Intro to Stagecraft
ENGL 151 - Advanced College Writing about Literature (1B)
ENGL 202 - Creative Writing I
ENGL 203 - Creative Writing II
ENGL 208 - Short Fiction
ENGL 212 - Intro to Poetry

ENGL 214 - The Popular Novel
ENGL 220 - Detective Fiction
ENGL 221A - Survey of American Literature I
ENGL 221B - Survey of American Literature II
ENGL 222 - Survey of English Literature I
ENGL 223 - Survey of English Literature II
ENGL 224 - Survey of World Literature I
ENGL 225 - Survey of World Literature II
ENGL 230 - Survey of Shakespeare
ENGL 235 - Women in Literature
ENGL 237 - Literature of American Cultures
ENGL 240 - Classic Children's Literature
ETST 154 - Native American Literature
ETST 156 - Native American Philosophy and Sacred Ceremony
FILM 109A - History of Cinema: Beginning to World War II
FILM 109B - Introduction to Humanities: Renaissance to the Modern Period
FREN 101 - Elementary French I
FREN 102 - Elementary French II
FREN 108A - French Culture/Lit/Cinema
FREN 203 - Intermediate French III
FREN 204 - Intermediate French IV
FREN 228A - French Conversation and Culture Through Films of the Twentieth Century
FREN 228B - French Conversation and Culture Through Film of the New Millennium
HIST 110 - Western Civilization I
HIST 111 - Western Civilization II
HIST 112 - Western Civilization III
HIST/POLS 212 - History/Politics of Modern Asia*
HUM 100A - Intro Humanities: Ancient Greece/Medieval
HUM 100B - Intro Humanities: Renaissance/Modern
HUM 101 - The Human Condition
HUM 118 - Intro to World Religions
HUM 125 - Myth, Symbol and the Arts
ITAL 101 - Elementary Italian I

ITAL 102 - Elementary Italian II
ITAL 108A - Italian Conversation and Culture Through Film of the Twentieth Century
ITAL 203 - Intermediate Italian III
ITAL 204 - Intermediate Italian IV
JPNS 101 - Elementary Japanese I
JPNS 102 - Elementary Japanese II
JPNS 203 - Intermediate Japanese III
JPNS 204 - Intermediate Japanese IV
MUS 101 - Intro to Classical Music
MUS 102 - Music Masterworks
MUS 105 - Rock, Pop and Jazz
MUS 106 - Music Fundamentals
MUS 109 - Music in Society
PHIL 110 - Intro to Philosophy
PHIL 111 - Intro to Ethics
PHIL 112 - Intro to Logic
PHIL 115 - Hist./Philosophy: Ancient
PHIL 116 - Hist./Philosophy: Medieval
PHIL 117 - Hist./Philosophy: Late Modern/Contemporary
PHIL 118 - Aesthetics
POLS/HIST 212 - History/Politics of Modern Asia*
SPAN 101 - Elementary Spanish I
SPAN 102 - Elementary Spanish II
SPAN 108A - Latin American/Hispanic Culture/Film
SPAN 128A - Spanish Conv./Culture/Film
SPAN 203 - Intermediate Spanish III
SPAN 204 - Intermediate Spanish IV
SPAN 228C - Adv. Spanish Conv./Culture/Film

D. COMPOSITION, WRITTEN

(Three units minimum)

ENGL 150 - College Writing and Reading (1A)

E. COMMUNICATION AND ANALYTICAL THINKING

Select one course from the following. (Three units minimum)

PSY/SOC 205 - Intro to Research Methods
COMM 100 - Intro to Communication
COMM 101 - Interpersonal Communication
COMM 102 - Intercultural Communication
COMM 103 - Public Speaking
COMM 104 - Argumentation and Persuasion
COMM 105 - Small Group Communication
COMP/MATH 117 - Discrete Mathematics*
COMP 130 - Intro to Computer Programming Using C++
COMP 135 - Intro to Programming in JAVA
COMP 160 - Computer Organization/Assembly Language
COMP 220 - Data Structures and Algorithms
COMP 232 - Advanced Programming in JAVA
COMP 235 - Advanced Programming in C++
CIS 215 - Visual BASIC Programming
ENGL 151 - Advanced College Writing about Literature (1B)
ENGL 155 - Critical Thinking and Composition
MATH 104 - Plane Trigonometry
MATH 105 - College Algebra
MATH 109 - Pre-Calculus College Algebra/Trig.
MATH 115 - Probability and Statistics
MATH 116 - Linear Algebra
MATH/COMP 117 - Discrete Mathematics*
MATH 121 - Calculus I with Applications
MATH 122 - Calculus II with Applications
MATH 123 - Analytic Geometry and Calculus I
MATH 124 - Analytic Geometry and Calculus II
PHIL 112 - Intro to Logic
STAT 106 - Statway II
STAT 115 - Intro to Statistics

F. AMERICAN INSTITUTIONS

Select one course from the following. (Three units minimum)

ETST 111 - History of African Americans A

ETST 112 - Introduction to African American Studies
ETST 121 - Introduction to Chicana/o Studies
ETST/HIST 151 - Native American History*
HIST 100 - Major Trends/American History
HIST 117 - History of the US I
HIST 118 - History of the US II
HIST/ETST 151 - Native American History*
HIST/POLS 211 – Women/American History/Politics*
POLS 100 - American Political Institutions
POLS 101 - Intro to the Government of the US
POLS/HIST 211 - Women/American History/Politics*

G. CROSS-CULTURAL STUDIES

Cross-cultural studies courses, which are listed in other general education categories, will satisfy both the Cross-Cultural Studies requirement and the requirement of one other category such as B, C, or F.

ANTH 204 - Native American Cultures
ANTH 215 - Native Americans of California
ART 107 - Art of the United States: A Diverse History
ART/ETST 108 - Arts of the Americas*
ASL 110 - History/Culture/Deaf People in America
BEHS/SOC 130 Race and Ethnicity*
COMM 160 - Race/Gender/Class in the Media
DANC 101 African American Dance History
ENGL 235 - Women in Literature
ENGL 237 - Literature of American Cultures
ETST/ART 108 - Arts of the Americas*
ETST 110 - Intro to Ethnic Studies
ETST 111 - History of African Americans A
ETST 112 - Introduction to African American Studies
ETST 121 - Introduction to Chicana/o Studies
ETST/HIST 151 - Native American History*
ETST 154 - Native American Literature
ETST 156 - Native American Philosophy/Ceremony
HIST 109 - History of California

HIST/ETST 151 - Native American History*

HIST/POLS 211 - Women/American History/Politics*

MUS 105 - Rock, Pop and Jazz

POLS/HIST 211 - Women/American History/Politics*

SOC/BEHS 130 Race and Ethnicity*

H. PHYSICAL HEALTH

One unit minimum; select one course.

This requirement may be satisfied by any degree applicable activity course in Kinesiology or Dance, or one course from the following:

HED 130 - Contemporary Health Issues

HED 140 - Stress Management and Health

HED 150 - Women's Health Issues

Note: When courses are cross-listed in more than one discipline, credit is awarded for only one course. For example, a student may receive credit for either COMP 117 or MATH 117, but not both courses. Cross-listed courses are indicated with an asterisk (*) in the listings above.