

# Liberal Arts

## ASSOCIATE OF ARTS DEGREE

The Liberal Arts Associate Degree prepares the student for transfer to a four-year college or university for completion of the baccalaureate degree. The Liberal Arts degree allows students to complete transfer requirements for the four-year college or university of their choice and investigate a particular field of study through an area of emphasis.

The Liberal Arts degree consists of 1) At least 18 units of baccalaureate level coursework in an Area of Emphasis\*; and 2) The remainder of the 60 required units for the degree in the CSU General Education breadth pattern or IGETC, including Mendocino College Institutional Requirements. Students planning to transfer should plan their programs using the latest catalog of the institution of their choice and the assistance of a Mendocino College counselor.

(All Mendocino College courses used to meet CSU Requirements must be numbered 100-299; UC requirements must be numbered 200-299.)

\*A listing of Areas of Emphasis and requirements can be obtained in Counseling, Admissions and Records, and on the Mendocino College website. Unit requirements vary.

## NATURAL SCIENCE

### LIBERAL ARTS:

The Liberal Arts/Natural Science area of emphasis is designed to provide a wide choice of classes for students who plan to transfer into a science field. The 18 units of classes in the area of emphasis are designed to be flexible so that appropriate choices within this area of emphasis can be coupled with the remaining units of General Education for junior level transfer to the California State University (CSU) or the University of California (UC) system. For students unclear about transfer requirements for a specific 4-year institution, especially those students planning to attend a private or out of state university, they should plan to discuss general education and area of emphasis requirements with their counselor or the Transfer Center.

### Required units: 18

At least 7 units

Choose: One 4 or 5-unit lecture-plus-lab combination in either physical science or life science

### Physical Science

EAS/GEL 201/202	Geology/Geology Lab
EAS/GEO 206	Physical Geography
EAS/GEL 208	Environmental Geology
EAS/GEL 210	Geology of California
CHM 200	Intro to Chemistry
CHM 202	Intro to Organic and Biochemistry
CHM 243	World of Chemistry
CHM 250	General Chemistry I
PHY 202	Introductory Physics
PHY 210	General Physics I
PHY 214	Principles of Physics I

### Life Science

BIO 200/201	Concepts of Biology/ Concepts of Biology Lab
BIO 202/201	Human Biology/ Concepts of Biology Lab
BIO 230	Human Anatomy
BIO 231	Human Physiology
BIO 241	Marine Biology
BIO 255	Botany
BIO 257	Zoology

Choose: One 3-unit class in either life or physical science (alternate discipline to lab class chosen above)

### Physical Science

EAS/GEL 201	Geology
EAS/NRS 200	Environmental Science
PSC 210/EAS 211	Weather and Climate
EAS/GEO 212	Intro to Geographic Information Systems

### Life Science

BIO 200	Concepts of Biology
BIO 202	Human Biology
BIO 242	Intro to Oceanography
BIO 243	Biology of Marine Mammals
BIO 245	Intro to Environmental Toxicology

Choose remaining units from the following:

### Biology

BIO 200	Concepts of Biology
BIO 201	Concepts of Biology Lab
BIO 202	Human Biology
BIO 230	Human Anatomy
BIO 231	Human Physiology
BIO 241	Marine Biology
BIO 242	Introduction to Oceanography
BIO 243	Biology of Marine Mammals
BIO 245	Introduction to Environmental Toxicology
BIO 250	Principles of Biology
BIO 255	Botany
BIO 257	Zoology
BIO 259	Microbiology

### Chemistry

CHM 200	Intro to Chemistry
CHM 202	Intro to Organic and Biochemistry
CHM 243	World of Chemistry
CHM 250	General Chemistry I
CHM 251	General Chemistry II
CHM 255	Organic Chemistry I
CHM 256	Organic Chemistry II

### Earth Science

EAS/NRS200	Environmental Science
EAS/GEL 201	Geology
EAS/GEL 202	Geology Laboratory
EAS/GEL 206	Physical Geography
EAS/GEL 208	Environmental Geology
EAS/GEL 210	Geology of California
EAS 211/PSC 210	Weather and Climate
EAS/GEO 212	Intro to Geographic Information Systems
EAS/GEO 222	Applied GIS

### Geography

GEO 111	Field Geography of California
GEO 201	Cultural Geography
GEO 202	World Regional Geography
GEO 206	Physical Geography
GEO 212	Intro to Geographic Information Systems
GEO 222	Applied GIS

### Geology

GEL 100	Earthquake Country
GEL 201	Geology
GEL 202	Geology Laboratory

GEL 208 Environmental Geology  
GEL 210 Geology of California

**Mathematics**

MTH 121 Trigonometry  
MTH 200 Precalculus Mathematics  
MTH 210 Calculus and Analytic Geometry I  
MTH 211 Calculus and Analytic Geometry II  
MTH 212 Calculus and Analytic Geometry III  
MTH 220 Statics

**Natural Science**

NRS 100 Field Ecology  
NRS 115 The Coastal Redwoods  
NRS 200 Environmental Science Physical Science  
PSC 210 Weather and Climate

**Physics**

PHY 202 Introductory Physics  
PHY 210 General Physics I  
PHY 211 General Physics II  
PHY 214 Principles of Physics I  
PHY 215 Principles of Physics II