

LIBERAL ARTS AND SCIENCES NATURAL SCIENCES EMPHASIS 2015-2016

Name:	
SSN/ID:	
Date:	

Complete the following program of study:

Associate in Arts Degree					
(R.5130.AA)			eq	ess	
Major requirements (18 units minimum)		S	completed	progress	planned
A grade of "C" or better is required in the following courses:	C-D	units	con	п	plar
Select a maximum of two (2) courses from any one discipline:					
ANTHRO 1 – Biological Anthropology (3) ASTRO 10 – Introduction to Astronomy (4) BIOL 1 – Principles of Biology (4) BIOL 2 – Environmental Science (4) BIOL 3 – Introduction to Life Science (4) BIOL 5 – Human Biology (4)	*ANTH 110				
BIOL 11A – Biology for Science Majors I (5) BIOL 11B – Biology for Science Majors II (5) BIOL 20 – Human Anatomy (4) BIOL 22 – Human Physiology (5) BIOL 31 – Microbiology (5)	*BIOL 190 *BIOL 140 *BIOL 110B *BIOL 120B				
HEM 1A – General Chemistry (5) HEM 1B – General Chemistry and Qualitative Analysis (5) HEM 3A – Introductory General Chemistry (4) HEM 3B – Introductory Organic and Biological Chemistry (3) CHEM 110 or */**CHEM 120S *CHEM 101					
CHEM 8 – Elementary Organic Chemistry (3) ***CHEM 9 – Elementary Organic Chemistry Laboratory (3) CHEM 10 – Elementary Chemistry (4) CHEM 28A – Organic Chemistry I (3) CHEM 28B – Organic Chemistry II (3) CHEM 29A – Organic Chemistry Laboratory I (2) CHEM 29B – Organic Chemistry Laboratory II (2) GEOG 5 – Physical Geography: Environmental Conditions (3) GEOG 9 – Physical Geography: Land Formation (3)	*CHEM 101 *CHEM 102 */**CHEM 160S */** CHEM 160S */**CHEM 160S */**CHEM 160S	18			
GEOL 1 – Physical Geology (4) GEOL 2 – Historical Geology (3) GEOL 9 – Introduction to Earth Science (4)	*GEOL 121 or *GEOL 120 and *GEOL 120L				
GEOL 10 – Rocks, Fossils, and Minerals (3) NR 1 – Introduction to Forestry (3) NR 4 – Forest Ecosystems (3) NR 6 – Dendrology (3) NR 7 – Conservation of Natural Resources (3) NR 14 – Principles of Wildlife Management (3) PHYS 2A – General Physics I (4) PHYS 2B – General Physics II (4) PHYS 4A – Physics for Scientists and Engineers (4)	PHYS 105 PHYS 110				
PHYS 4B – Physics for Scientists and Engineers (4)	**PHYS 200S **PHYS 200S				

PHYS 4C – Physics for Scientists and Engineers (4)	*PHYS 200S		
PHYS 10 – Conceptual Physics (4) PLS 1 – Introduction to Plant Science (3)	*AG PS 104 or */**AG PS 106L		
PLS 1L – Introduction to Plant Science Laboratory (1) 1PLS 2 – Soils (3) SCI 1A – Introductory Chemical and Physical Science (4)	*/**AG PS 106L *AG PS 128L *PHYS 140		

Note: ¹ C-ID AG PS 128L requires PLS 2 and PLS 2L but this major uses only PLS 2.

Faculty Advisors: Reedley College, Madera Center, and Oakhurst Center Counselors.

^{*} Pending review and approval by C-ID.

^{**} C-ID number is based on the completion of the pair of classes with the same C-ID number.

^{***}This course is not offered regularly.