

ENGR 233	Mechanics-Statics	3
ECON 251	Macroeconomics OR	
ECON 252	Microeconomics	3
ENGR 230	Engineering Circuit Analysis	3
ENGR 112	Introduction to Engineering	3
DRFT 121	Engineering Graphics	3
ENGR 234	Mechanics-Dynamics	3
ENGR 236	Thermodynamics	3
PHYS 215/L	Engineering Physics I + Lab	4
PHYS 216/L	Engineering Physics II + Lab	4
	Total Engineering Core	40
	Total credit hours required for this degree	68

New Mexico Engineering Transfer Module

Time permitting students are encouraged to take any or all of the following courses, as they are also included in the articulated transfer module within New Mexico.

ENGL 218	Technical Writing	3
	One Humanities & Fine Arts elective	3
	One additional Humanities & Fine Arts elective OR Social & Behavioral elective	3

GENERAL SCIENCE

Associate of Science

General Education Core for Associate of Science (See Page 127)	28
NOTE: Math requirement must be MATH 188	
Lab Science Requirement included in Chemistry-core classes	

General Science – Core classes:		Credits
BIOL 121	Introductory Biology I	4
BIOL 122	Introductory Biology II	4
CHEM 111	General Chemistry I	4
CHEM 112	General Chemistry II	4
COSC 111	Computer Literacy OR Higher Computer Science	3
GEOL 110	Introduction to Geology OR GEOL 111 Historical Geology OR Science Selection*	4
PHYS 211	General Physics I	3
PHYS 211L	General Physics I Lab	1
	Total General Science Core	27

Continued on next page

Science Selection		Credits
	Science Selection* (See Science Selection below)	8
	Total Science Selection	8
Approved Elective		Credits
	Approved Elective**	3
	Total Approved Electives	3
Total credit hours required for this degree		66

* Science selection must include classes selected from Biology, Chemistry, Geology, and Physics.

** See your advisor for approved elective.

Approved Science Electives:

BIOL 220	General Botany
BIOL 222	Invertebrate Zoology
BIOL 223	Vertebrate Zoology
BIOL 224	Microbiology
BIOL 230	Environmental Conservation
BIOL 250	Systematic Botany
BIOL 260	Introduction to Cell Biology
CHEM 111	General Chemistry I
CHEM 112	General Chemistry II
CHEM 210	Organic Chemistry Survey
CHEM 251	Organic Chemistry I
CHEM 252	Organic Chemistry II
GEOL 110	Introduction to Geology
GEOL 111	Historical Geology
PHYS 211	General Physics I
PHYS 211L	General Physics I Lab
PHYS 212	General Physics II
PHYS 212L	General Physics II Lab

GEOGRAPHY

Associate of Science

General Education Core for Associate of Science (See Page 127)	27
NOTE: Math requirement must be MATH 160	
ENGL 211 or ENGL 218 requirement - Must take ENGL 211	
Lab Science Requirement included in Chemistry-core classes	