

APPROVED ELECTIVES - LIST 2

A MAXIMUM OF SEVEN CREDITS* FROM THIS LIST MAY BE APPLIED TOWARD THE DEGREE

No course from List 2 may be substituted for a course on List 1

I. Mathematics and Basic Sciences

Astronomy

- ASTR 191 Contemporary Astronomy (3)
196 Introductory Astronomy Lab (1)

Biological Sciences

- BIOL 100/101 Principles of Biology (3)
102/103 Principles of Biology Lab (1)
120 Insects In Your World (3)
150/151 Prin. Of Molecular & Cellular Bio (4)
152/153 Prin. Of Organismal Bio (4)
240 Fund. Of Human Anatomy (3)
296 Prin. Of Human Physiology (3)

Chemistry

- 625 Organic Chemistry I Lab (2)
626 Organic Chemistry II (3)
627 Organic Chemistry II Lab (2)

Earth Sciences

- ATMO 105 Introductory Meteorology (5)
220 Unusual Weather (3)
GEOG 104 Principles of Physical Geography (3)
105 Laboratory in Physical Geography (2)
GEOG/ENVR 148 Principles of Environmental Studies (3)
GEO 101 Introduction to Geology (3)
103 Geology Fundamentals Lab (2)
105 History of the Earth (3)
171 Earthquakes and Nat. Disasters (3)

Mathematics

- MATH 223 Vector Calculus (3)
450 Math. Foundations for Computer Science (3)
590 Linear Algebra (3)
627 Probability (3)
628 Math. Theory of Statistics (3)
646 Complex Variable & Applications (3)
647 Applied Partial Differential Equations (3)
648 Calculus of Variations and Integral Equations (3)

Physics

- PHSX 313 General Physics III (3)

II. Engineering Sciences and Design

Civil Engineering

- CE 240 Surveying (3)
477 Intro. Environmental Engr. and Sci. (3)

Electrical Engineering & Computer Engineering

- EECS 140 Intro. to Digital Logic Design (4)
210 Discrete Structures (4)
315 Electric Circuits and Machines (3)

Mechanical Engineering

- ME 360 Mech. Engr. Problems (1-3)
361 Undergraduate Honors Research (1-3)

III. General Education Component

Business

- ACCT 200 Financial Accounting I (4)
ACCT 201 Managerial Accounting I (3)
MGMT 310 Organizational Behavior (3)
BLAW 301 Legal Aspects of Business (3)
FIN 310 Finance (3)
IST 301 Introduction to Information Systems (3)
MKTG 310 Marketing (3)

Fine Arts

Courses such as band, chorus, orchestra, instrumental or vocal music, drawing, painting and sculpture which are not designated as humanities courses are acceptable.

Foreign Language

see catalog for details

Humanities or Social Sciences

Courses in addition to the General Education Component Required Category requirement are acceptable.

ROTC

ROTC work is accepted only for students who complete the ROTC program.