

MAJOR PROGRAM ADVICE

Recommended First Course

(MATH 221)

CHEMISTRY – ACS APPROVED
COMPUTER ENGINEERING
ELECTRICAL ENGINEERING
ENVIRONMENTAL ENGINEERING
HYDROLOGY
MANUFACTURING ENGINEERING
MATHEMATICS
MATHEMATICAL ECONOMICS (also STAT 239)
MECHANICAL ENGINEERING
METEOROLOGY
PHYSICS
PRE-ENGINEERING
PRE-PHARMACY

STATISTICS (prefer STAT 239 first)
DATA SCIENCE
MATHEMATICAL STATISTICS

(MATH 271)

COMPUTER SCIENCE *
CYBERSECURITY *
SOFTWARE ENGINEERING *

KEY: * also MATH 221

(MATH 211 and STAT 239 and BIOL 339)

BIOTECHNOLOGY
PRE-MEDICINE (MATH 221 if prepared)
PRE-OPTOMETRY
PRE-PHYSICAL THERAPY (MATH 221 if prepared)
PRE-PODIATRY

(MATH 211)

CHEMISTRY – BIOCHEMISTRY AND MOLECULAR
BIOLOGY or GENERAL SCIENCE EDUCATION
LAND SURVEYING/MAPPING SCIENCES*
MANUFACTURING ENGINEERING TECHNOLOGY *
(not be confused with MANUFACTURING ENGINEERING)
STATISTICS – DATA ANALYTICS
(prefer STAT 239 first)

KEY: * also STAT 239

(MATH 201)

CHILD AND FAMILY STUDIES
ELEMENTARY EDUCATION
SPECIAL EDUCATION

(STAT 239 and BIOL 339)
BIOMEDICAL SCIENCES
(MATH 112 recommended)

(MATH 196)

ACCOUNTING
ENTREPRENEURSHIP
FINANCE
GENERAL BUSINESS
INFORMATION SYSTEMS
MANAGEMENT
MARKETING
REAL ESTATE
TECHNOLOGY MANAGEMENT

(STAT 219)

CHEMICAL DEPENDENCY
CRIMINAL JUSTICE STUDIES
COMMUNITY PSYCHOLOGY

(MATH 112)

ATHLETIC TRAINING
EARTH AND SPACE SCIENCE EDUCATION
BIODIVERSITY, ECOLOGY, AND EVOLUTION ^^
ENVIRONMENTAL SCIENCE ^^
ENVIRONMENTAL STUDIES ^^
LIFE SCIENCE TEACHING
MEDICAL LAB SCIENCE **
NUCLEAR MEDICINE TECHNOLOGY ^^
PRE-PHYSICIAN ASSISTANT ^^
RADIOLOGIC TECHNOLOGY
PRE-LAW (recommended)

(MATH 112 or MATH 115)

ECONOMICS (MATH 196 or MATH 211) ***
(MATH 221 recommended for graduate study)
PRE-DENTISTRY ^ (MATH 221 recommended)
PRE-VETERINARY MEDICINE (MATH 221 recommended)

(MATH 115)

EARTH SCIENCES
PRE-AGRICULTURE
PRE-FORESTRY *
PRE-HORTICULTURE

KEY: ^ One STAT or CSCI course also required

^^ also STAT 239

^^^ also STAT 239 and BIOL 339

* also STAT 239 and MATH 211

** STAT 193 or STAT 239 and BIOL 339 also required

** Some clinical rotation sites require

MATH 211 or MATH 221 (See major advisor)

*** STAT 219, 239 or 242 or IS 242 also required

(MATH 193 or STAT 193)

ANTHROPOLOGY *
ART
COMMUNICATION ARTS AND LITERATURE
COMMUNICATION SCIENCES AND DISORDERS *
COMMUNICATION STUDIES
COMMUNITY HEALTH * (STAT 239 if prepared)
ENGLISH
ETHNIC STUDIES
FILM STUDIES
FINE ARTS
GRAPHIC DESIGN CONCENTRATION
STUDIO ART CONCENTRATION
FOREIGN LANGUAGES AND LITERATURE
GENERAL SCIENCE
GEOGRAPHY *
GLOBAL STUDIES *
HEALTH and PHYSICAL EDUCATION
HISTORY *
HOSPITALITY AND TOURISM*
INTERNATIONAL RELATIONS
LATIN AMERICAN STUDIES *
MASS COMMUNICATION
MUSIC
NURSING
PHILOSOPHY
PLANNING and COMMUNITY DEVELOPMENT *
POLITICAL SCIENCE
PRE-HOME ECONOMICS
PRE-MORTUARY SCIENCE
PRE-OCCUPATIONAL THERAPY ^
PSYCHOLOGY**
PUBLIC ADMINISTRATION
RECREATION AND SPORTS MANAGEMENT
SOCIAL SCIENCE *
SOCIAL STUDIES EDUCATION—any emphasis *
SOCIAL WORK ^
SOCIOLOGY *
TECHNOLOGY EDUCATION
THEATRE
WOMEN'S STUDIES

KEY: * Department Prefers STAT 193

** Department Prefers MATH 193

^ Major Requires STAT 193 or
higher level Stat class