

NOTES:

<sup>1</sup> See the list of Science Options.

<sup>2</sup> Students who transfer 12 or more hours of college credit are exempt from this course but must meet the minimum degree requirements.

<sup>3</sup> Students who have completed two years of a foreign language in high school with a "C" or above are exempt from the foreign language requirement but must take six additional semester hours of coursework. See list of Foreign Language Options.

<sup>4</sup> See the list of Social Science Options.

<sup>5</sup> See the list of Humanities and Fine Arts Options

<sup>6</sup> See the list of Philosophy Options

<sup>7</sup> See the list of Speech Options

<sup>8</sup> General electives must be taken with the consultation of the department academic adviser

Specialization Courses:

Pure Mathematics

MATH 311W Abstract Algebra I

MATH431 Real Analysis

MATH 441 Complex Variables

MATH 321 Modern Geometry

MATH341Intro. to Number Theory

MATH 451 General Topology

MATH 332 Linear Algebra & Matrix Theory with Applications

Applied Mathematics

MATH415 Partial Differential Equations

MATH 215 Financial Mathematics

MATH 430 Mathematical Modeling

MATH 385 Numerical Analysis

MATH 466 Operations Research

Science Options:

BIO 101 Biological Science & Lab

BIO 111 Introduction to Biology & Lab

BIO 202 Elementary Biostatistics with Lab

BIO 318 Introduction to Genetics with Lab

BIO 409 General Genetics

SCI 201 or 202 Physical Science & Lab

SCI 205 Earth & Space Science

CHEM 201 Chemistry & Society & Lab

CHEM131Introduction to Chemistry

CHEM141 or142 General Chemistry I or II & Labs

PHY 151 Introduction to Physics

PHY 201 or 202 Basic Physics I or II & Labs

PHY 211 or 212 General Physics I or II & Labs

PHY 241 Introduction to Astronomy

MET200 Introductionto Meteorology

Foreign Language Options:

FR 101 & 102 Elementary French

GR 101 & 102 Elementary German

SP 101 & 102 Elementary Spanish

LAT 101 & 102 Elementary Latin

POR 101 & 102 Elementary Portuguese

CHI 101 & 102 Mandarin Chinese

Social Science Options:

SS 201 or 202 Social Institutions

GEO105 Introduction to Cultural Geography

GEOG209WorldRegional Geography

SOC 214 Introduction to Sociology

SOC 325 Cultural Anthropology

PS 134 Introduction to Political Science

PS 135 American Government

PS 136 State and Local Government

PS 236 Political Statistics

Eco211 or 212 Principles of Microeconomics

PSY 201/111-112 General/Introduction to Psychology

Philosophy Options:

PHIL 301 Introduction to Philosophy

PHIL 416 Logic

Humanities and Fine Arts Options:

ART 206 Art Appreciation

MUS 205 Music Appreciation

DR 201 Introduction to Theatre

Eng 201/202 Humanities

Speech Options:

SPCH 201 Speech Arts

SPCH334Argumentationand Debate

SPCH 335 Persuasions

SPCH 430 Small Group Discussions