

University of North Georgia

Physics

Name: _____ ID#: _____ Catalog: _____ Grad. Semester: _____

Institutional Priority (7 hrs.)

Course Sem. Hrs. Grd.

1. Modern Lang.*
2. Global

**Modern language courses at the 1001 and 1002 level are 4 credit hours.*

Mathematics & Quantitative Skills* (3 hrs.)

1. Math**

**Complete by 30 hours. **Physics majors require MATH 1113 or MATH 1450*

Political Science and U.S. History (3 hrs.)

1. Citizenship

Arts, Humanities, and Ethics (6 hrs.)

1. Lit. or Lang.
2. Fine Arts/Phil.

Communicating in Writing* (6 hrs.)

1. English 1101
2. English 1102

**A grade of C or higher is required.*

**Complete by 30 hours.*

Technology, Mathematics, & Sciences (11 hrs.)

1. Lab Science
2. Lab Science
3. Math & Tech.

Social Sciences (6 hrs.)

1. Behavioral Sci.
2. Social Science

Field of Study (18 hrs.)

- 1.
- 2.
- 3.
- 4.
- 5.

Major Courses (33 hrs.)

Course Sem. Hrs. Grd.

Physics and Skills-Based Electives (18 hrs.)

**See note on last page for information about technical/physics electives.*

Additional Requirements (3-7 hrs.)

**if not taken in Area B*

Electives (to bring total hours to 120 hrs)

Comments:

Graduation Requirements:

US History GA History
US Constitution GA Constitution
39 Hours at 3/4000 Level 30 Residency Hours
Minimum 2.0 Institutional & Cumulative GPA
Minimum 60 Core Hours & 120 Semester Hours
21 Hours at the 3000/4000 Level in Major

Military Science - Cadets Only

Course Hrs. Chk. Course Hrs. Chk.

Signatures (original only)

Date

Student: _____

Advisor: _____

PME Requirement for Contracting Cadets

Course Sem. Hrs. Grd.

UNIVERSITY OF NORTH GEORGIA CORE IMPACTS

Courses may have prerequisites or registration restrictions.
Review course descriptions in the Academic Catalog before registering.
Courses may appear in multiple areas, but cannot be applied to more than one area.

| INSTITUTIONAL PRIORITY (7 HOURS) | | |
|--|--|-----|
| MODERN LANGUAGE (3-4 HOURS). CHOOSE ONE: | | |
| Any Non-English Language at the 1001, 1002, 2001, or 2002 Level | | 3-4 |
| GLOBAL (3-4 HOURS). CHOOSE ONE OR TWO: | | |
| ANTH 1102 | Introduction to Anthropology | 3 |
| CGLO 1503 | Contemporary Global Topics | 3 |
| COMM 1503 | Intercultural Communication | 3 |
| DVRS 1503 | Studies in Diversity Issues | 3 |
| ENGL 2111 | World Literature I | 3 |
| ENGL 2112 | World Literature II | 3 |
| ENGL 2160 | Multicultural American Literature | 3 |
| ENST 2030 | Environmental Studies & Sustainability | 3 |
| GEOG 1101 | Introduction to Human Geography | 3 |
| GEOG 1102 | World Regional Geography | 3 |
| HIST 1111 | World History I | 3 |
| HIST 1112 | World History II | 3 |
| HIST 2860/RELG 2860 | History of World Religions | 3 |
| INED 2902/2903 | Special Topics in International Perspectives | 2-3 |
| PHIL 2200 | Ethics from a Global Perspective | 3 |
| POLS 1153 | Global Citizenship | 3 |
| POLS 2301 | Introduction to Comparative Politics | 3 |
| POLS 2401 | Global Issues | 3 |
| SOCI 1160 | Introduction to Social Problems | 3 |
| MATHEMATICS & QUANTITATIVE SKILLS (3 HOURS) | | |
| MATHEMATICS (3 HOURS). CHOOSE ONE: | | |
| MATH 1001 | Quantitative Skills & Reasoning | 3 |
| MATH 1101 | Mathematical Models | 3 |
| MATH 1111 | College Algebra | 3 |
| MATH 1113 | Pre-Calculus | 3 |
| MATH 1450 (1501) | Calculus I (1 hour can be used elsewhere) | 4 |
| <i>MATH 1111 or higher required for Nursing majors.</i> | | |
| <i>MATH 1111 recommended for Business majors (required for BBA degrees).</i> | | |
| <i>MATH 1113 or 1450 required for BIOL, CHEM, CSCI, MATH, REP, PHYS majors.</i> | | |
| POLITICAL SCIENCE AND U.S. HISTORY (3 HOURS) | | |
| CITIZENSHIP (3 HOURS). CHOOSE ONE: | | |
| HIST 2111 | U.S. History I | 3 |
| HIST 2112 | U.S. History II | 3 |
| POLS 1101 | American Government | 3 |
| ARTS, HUMANITIES, & ETHICS (6 HOURS) | | |
| LITERATURE OR LANGUAGE (3 HOURS) CHOOSE ONE: | | |
| Any Non-English Language at the 2001 or 2002 Level | | 3 |
| ENGL 2111 | World Literature I | 3 |
| ENGL 2112 | World Literature II | 3 |
| ENGL 2115 | Gender and Literature | 3 |
| ENGL 2121 | British Literature I | 3 |
| ENGL 2122 | British Literature II | 3 |
| ENGL 2131 | American Literature I | 3 |
| ENGL 2132 | American Literature II | 3 |
| ENGL 2143 | African American Literature | 3 |
| ENGL 2145 | Native American Literature | 3 |
| ENGL 2150/MDST 2150 | Literature and Film | 3 |
| ENGL 2160 | Multicultural American Literature | 3 |
| ENGL 2165 | Survey of Latina/o U.S. Literature | 3 |
| <i>Note: A "C" or better in ENGL 1102 is a prerequisite for ENGL 21XX and MDST 2150.</i> | | |
| FINE ARTS OR PHILOSOPHY (3 HOURS). CHOOSE ONE: | | |
| ART(S) 1100 | Art Appreciation | 3 |
| ART 2510 | Introduction to Art History I | 3 |
| ART 2520 | Introduction to Art History II | 3 |
| COMM 1110 | Public Speaking | 3 |
| COMM 2050 | Media, Culture, and Society | 3 |
| MDST 1110 | Film Appreciation | 3 |
| MUSC 1100 | Music Appreciation | 3 |
| PHIL 2010 | Introduction to Philosophy | 3 |
| PHIL 2200 | Ethics from a Global Perspective | 3 |
| THEA 1100 | Theatre Appreciation | 3 |

| COMMUNICATING IN WRITING (6 HOURS) | | |
|--|--|---|
| WRITING (6 HOURS). TAKE BOTH: | | |
| ENGL 1101 | English Composition I | 3 |
| ENGL 1102 | English Composition II | 3 |
| <i>Note: A "C" or better is required in both ENGL 1101 & ENGL 1102.</i> | | |
| TECHNOLOGY, MATHEMATICS, & SCIENCES (11 HOURS) | | |
| NURSING MAJORS (8 HOURS). A CHEMISTRY SEQUENCE IS REQUIRED: | | |
| STEM MAJORS (8 HOURS). CHOOSE TWO, IN A SEQUENCE: | | |
| ASTR 1010/L | Astronomy of the Solar System and Lab | 4 |
| ASTR 1020/L | Stellar and Galactic Astronomy and Lab | 4 |
| BIOL 1101K/1011K | Biology: A Human Perspective/Intro. to Biology I and Lab | 4 |
| BIOL 1102K | Introduction to Ecology and Lab | 4 |
| BIOL 1107K | Principles of Biology I and Lab | 4 |
| BIOL 1108K | Principles of Biology II and Lab | 4 |
| BIOL 1101K/1011K | Biology: A Human Perspective/Intro. to Biology I and Lab | 4 |
| BIOL 1260K | Environmental Sciences and Lab | 4 |
| CHEM 1151/L (1151K) | Survey of Chemistry I and Lab | 4 |
| CHEM 1152/L (1152K) | Survey of Chemistry II and Lab | 4 |
| CHEM 1211/L (1211K) | Principles of Chemistry I and Lab | 4 |
| CHEM 1212/L (1212K) | Principles of Chemistry II and Lab | 4 |
| ENVS 2111K | Physical Environmental Science and Lab | 4 |
| ENVS 2112K | Environmental Management & Sustainability and Lab | 4 |
| GEOG 1111K | Introduction to Physical Geography and Lab | 4 |
| GEOG 1112/L | Introduction to Weather & Climate and Lab | 4 |
| GEOL 1121K | Physical Geology and Lab | 4 |
| GEOL 1122K | Historical Geography and Lab | 4 |
| PHYS 1111/L (1111K) | Introductory Physics I and Lab | 4 |
| PHYS 1112/L (1112K) | Introductory Physics II and Lab | 4 |
| PHYS 2211/L (2211K) | Principles of Physics I and Lab | 4 |
| PHYS 2212/L (2212K) | Principles of Physics II and Lab | 4 |
| MATHEMATICS AND TECHNOLOGY (3 HOURS). CHOOSE ONE: | | |
| MATH 1113 | Pre-Calculus | 3 |
| MATH 1401 | Elementary Statistics | 3 |
| MATH 1450 (1501) | Calculus I (1 hour can be used elsewhere) | 4 |
| MATH 2040 | Brief Calculus | 3 |
| MATH 2460 | Calculus II (1 hour can be used elsewhere) | 4 |
| MATH 2510 | Introduction to Discrete Mathematics | 3 |
| CSCI 1250 | Information Technologies (non-science majors) | 3 |
| CSCI 1301 (1301K) | Computer Science I | 4 |
| CSCI 1371 | Computing for Scientists and Engineers** | 4 |
| DATA 1501 | Introduction to Data Science (non-science majors) | 3 |
| GISC 2011/L | Geographic Information Science and Lab | 3 |
| <i>*Designed for students majoring in Physics or Dual Degree/Engineering Programs.</i> | | |
| SOCIAL SCIENCES (6 HOURS) | | |
| BEHAVIORAL SCIENCE (3 HOURS). CHOOSE ONE: | | |
| ANTH 1102 | Introduction to Anthropology | 3 |
| ECON 2105 | Principles of Macroeconomics | 3 |
| PSYC 1101 | Introduction to Psychology | 3 |
| SOCI 1101 | Introduction to Sociology | 3 |
| SOCIAL SCIENCE (3 HOURS). CHOOSE ONE: | | |
| ENST 2030 | Environmental Studies & Sustainability | 3 |
| GEOG 1101 | Introduction to Human Geography | 3 |
| GEOG 1102 | World Regional Geography | 3 |
| HIST 1111 | World History I | 3 |
| HIST 1112 | World History II | 3 |
| HIST 2111 | U.S. History I | 3 |
| HIST 2112 | U.S. History II | 3 |
| POLS 1101 | American Government | 3 |
| POLS 2301 | Introduction to Comparative Politics | 3 |
| POLS 2401 | Global Issues | 3 |
| FIELD OF STUDY (18 HOURS) | | |
| COURSES RELATED TO YOUR MAJOR PROGRAM OF STUDY, CHOSEN WITH YOUR ADVISOR. | | |