

Armstrong

Core Curriculum Checksheet

**NOTE:** The core curriculum recognizes three categories of majors: Non-science Majors: Art, Art Education, Criminal Justice, Early Childhood Education, Economics, English, Gender and Women’s Studies, Health and Physical Education, Health Science, History, Information Technology, Law and Society, Liberal Studies, Middle Grades Education, Music, Music Education, Political Science, Psychology (B.A.), Spanish, Spanish with Teacher Certification, Theatre, Visual Arts; Science Majors: Applied Physics, Biology, Business Economics, Biochemistry, Chemistry, Computer Science, Engineering Studies (RETTP/GTREP), Mathematical Sciences, Mathematics with Teacher Certification, Psychology (B.S.), Rehabilitation Sciences; Clinical Health Majors: Communication Sciences and Disorders, Medical Lab Sciences, Nursing, Radiologic Sciences, Respiratory Therapy.

### Core Area A - Essential Skills – 9 hours

1. **Communication Skills—6 hours**
   - ENGL 1101 or 1101H — Composition I
   - ENGL 1102 or 1102H — Composition II

2. **Quantitative Skills—3 hours**
   - MATH 1001 — Quantitative Skills and Reasoning
   - MATH 1111 — College Algebra
   - MATH 1113 — Pre-calculus Mathematics
     - Minimum requirement for applied physics, biology, chemistry, computer science, mathematics, and rehabilitation sciences majors
   - MATH 1161 or 1161H — Calculus I
     - Minimum requirement for engineering students

### Core Area B—Institutional Options—4.5 hours

1. **Ethics and Values**
   - One course selected from:
     - CHEM 2600 — Ethical/Moral Issues in the Sciences
     - CRJU 2020 — Ethical Theories and Moral Issues in Criminal Justice
     - ENGL 2000 — Ethics and Values in Literature
     - ETHC 2000 — Interdisciplinary Ethics
     - GNST 2101 — Ethics, Values, and Gender
     - HIST 2000 — Ethics and Values in History
     - HONS 2100 — Honors Topics in Ethics and Values
     - PHIL 2030 — Intro to Ethics and Moral Philosophy
     - POLS 1200 — Ethical Theories in Government
     - SOCI 2500 — Ethics, Values, and the Social World

2. **Global Perspectives**
   - One course selected from:
     - ANTH 1150 — Global Perspectives in Anthropology
     - CHEM 2200 — Science, Technology/Modern World
     - CRJU 2010 — Universal Justice
     - ECON 1150 — Global Economic Problems
     - ENGL 2050 — Africa and the Diaspora
     - EURO 2000 — Introduction to the European Union
     - FREN 1002 — Elementary French II
     - GEOG 1100 — World Regional Geography
     - GEOG 2120 — Cultural Geography
     - GRMN 1002 — Elementary German II
     - GNST 2200 — Gender in Global Contexts
     - HIST 1111 — Civilization I
     - HIST 1112 or 1112H — Civilization II
     - HIST 2100 — The African Diaspora
     - HLP 2010 — Culture, Illness, Diag. and Treatment
     - HONS 2000 — Honors Topics in Global Perspectives
     - POLS 1150 — World Politics
     - POLS 2290 — Foundations of International Relations
     - PSYC 2300 — Global Perspectives in Developmental Psychology
     - RELI 2100 — World Religions
     - SOCI 2000 — Global Sociology
     - SPAN 1002 — Elementary Spanish II

### Core Area C—Humanities, Fine Arts, and Ethics—6 hours

1. **Literature or Philosophy**
   - One course selected from:
     - ENGL 2100 or 2100H — Literature and Humanities
     - FREN 2001 — Intermediate French I
     - FREN 2002 — Intermediate French II
     - GRMN 2001 — Intermediate German I
     - GRMN 2002 — Intermediate German II
     - PHIL 2010 — Introduction to Philosophy
     - PHIL 2030 — Intro to Ethics and Moral Philosophy
     - SPAN 2001 — Intermediate Spanish I
     - SPAN 2002 — Intermediate Spanish II

2. **Art, Music, or Theatre**
   - One course selected from:
     - ARTS 1100 — Art Appreciation
     - ARTS/MUSC 1270 — World Art and Music
     - ARTS 2710 — Art History I
     - ARTS 2720 — Art History II
     - MUSC 1100 — Music Appreciation
     - THEA 1100 — Theatre Appreciation
     - THEA 1200 — Introduction to Theatre
     - THEA 2410 — Oral Interpretation

### Core Area D—Science, Math, & Technology—10-11 hours

**Option I: Non-science Majors**

1. **One laboratory science course selected from:**
   - BIOL 1103 (and lab) — Concepts of Biology
   - BIOL 1107 (and lab) or 1107H (and lab) — Prin. of Biology I
   - CHEM 1151 (and lab) — Survey of Chemistry I
   - CHEM 1211 (and lab) — Principles of Chemistry I
   - GEOL 2010H — Intro to Physical Geology
   - PHSC 121 (and lab) — Physical Environment
   - PHYS 1111K — Introductory Physics I
   - PHYS 2211K — Principles of Physics I
   - SCIE 1212 (and lab) — Chemical Environment

2. **One science course selected from:**
   - ASTR 1010 — Astronomy of the Solar System
   - ASTR 1020 — Intro to Stellar and Galactic Astronomy
   - BIOL 1103 (and lab) — Concepts of Biology
   - BIOL 1107 (and lab) or 1107H (and lab) Prin. of Biology I
   - BIOL 1108 (and lab) or 1108H (and lab) Prin. Of Biology II
   - BIOL 1120 — The Diversity of Life
   - BIOL 1130 — Human Biology
   - BIOL 1140 — Environmental Biology
   - CHEM 1151 (lab optional) — Survey of Chemistry I
   - CHEM 1152 (lab optional) — Survey of Chemistry II
   - CHEM 1211 (and lab) — Principles of Chemistry I
   - CHEM 1212 (and lab) or CHEM 1212H/1212A — Principles of Chemistry II
   - ENGR 1112 — Intro to Scientific Modeling & Simulation
   - GEOL 2010 or 2010H — Intro to Physical Geology
   - PHSC 1211/1211L (lab optional) — Physical Environment
   - PHYS 1111K — Introductory Physics I
   - PHYS 1112K — Introductory Physics II
   - PHYS 2211K — Principles of Physics I
   - PHYS 2212K — Principles of Physics II
   - SCIE 1000 — Introduction to Scientific Inquiry
   - SCIE 1212 (lab optional) — Chemical Environment
Core Area D—Science, Math, and Technology

Option I: Non-science Majors cont’d

3. One math, science, or technology course:
   ASTR 1010—Astronomy of the Solar System
   ASTR 1020—Intro. to Stellar and Galactic Astr.
   BIOL 1103 (and lab) Concepts of Biology
   BIOL 1107 (and lab) or 1107H (and lab) Prin. of Biology I
   BIOL 1108 (and lab) or 1108H (and lab) Prin. of Biology II
   BIOL 1120—The Diversity of Life
   BIOL 1130—Human Biology
   BIOL 1140—Environmental Biology
   CHEM 1151 (lab optional) Survey of Chemistry I
   CHEM 1152 (lab optional) Survey of Chemistry II
   CHEM 1211 (and lab) — Principles of Chemistry I
   CHEM 1212 (and lab) or CHEM 1212H/1212A — Principles of Chemistry II
   CSCI 1150—Intro. to Programming Principles
   CSCI 1301 or CSCI 1301H — Intro. to Scientific Modeling & Simulation
   ENGR 1112 — Intro to Scientific Modeling & Simulation
   GEOL 2010 or 2010H — Intro to Physical Geology
   MATH 1113—Pre-calculus Mathematics
   MATH 1161 or 1161H — Calculus I
   MATH 1950—Applied Math for Non-Science Majors
   MATH 2200—Elementary Statistics
   PHSC 1211 (lab optional) Physical Environment
   PHYS 1010—The Physics of Sports
   PHYS 1111K—Introductory Physics I
   PHYS 1112K—Introductory Physics II
   PHYS 2211K—Principles of Physics I
   PHYS 2212K—Principles of Physics II
   SCIE 1000—Introduction to Scientific Inquiry
   SCIE 1212 (lab optional) Chemical Environment

Option II A: Science Majors

1. A laboratory science sequence selected from:
   BIOL 1107/1108 (and labs) or 1107H/1108H (and labs) — Principles of Biology I/II
   CHEM 1211 (and lab) — Principles of Chemistry I; and either CHEM 1212 (and lab) or CHEM 1212H/1212A — Principles of Chemistry II
   PHYS 1111K/1112K—Intro. Physics I/II
   PHYS 2211K/2212K—Prin. of Physics I/II

2. One course selected from:
   MATH 1161—Calculus I
   MATH 2200—Elementary Statistics
   Required for applied physics, chemistry, computer science, and mathematics majors
   Required for engineering students
   Required for biology, psychology (Bachelor of Science), and rehabilitation sciences majors

Option II B: Clinical Health Majors

1. A laboratory science sequence selected from:
   BIOL 1107/1108 (and labs) — Principles of Biology I/II
   CHEM 1151/1151L and CHEM 1152/1152L — Survey of Chemistry I/II
   CHEM 1211/1212 (and labs) — Principles of Chemistry I/II
   PHYS 1111K/1112K—Introductory Physics I/II
   PHYS 2211K/2212K — Principles of Physics I/II

2. And the following mathematics course:
   MATH 2200—Elementary Statistics

Core Area E—Social Sciences—12 hours

1. American and Georgia History and Constitution
   HIST/POLS 2001 or HIST 2001H—Political History of America and Georgia

2. World Civilization
   One course selected from:
   HIST 1111 or 1111H—Civilization I
   HIST 1112 or 1112H—Civilization II

3. Social Sciences
   One course selected from:
   ANTH 1102—Introduction to Anthropology
   ECON 1101—Survey of Economics
   ECON 2105—Principles of Macroeconomics
   ECON 2106—Principles of Microeconomics
   PSYC 1101 or 1101H—Introduction to Psychology
   SOCI 1101—I/II—Introductory Sociology

4. History or Social Sciences
   One course selected from:
   AFAS 2000—Intro to African American Studies
   ANTH 1102—Introduction to Anthropology
   ECON 1101—Survey of Economics
   ECON 2105—Principles of Macroeconomics
   ECON 2106—Principles of Microeconomics
   GEOG 2120—Cultural Geography
   GNST 1101—Introduction to Gender Studies
   HIST 1111—Civilization I
   HIST 1112 or 1112H—Civilization II
   HIST 2111—History of America to 1877
   HIST 2112—History of America since 1865
   POLS 2100—Introduction to Political Science
   PSYC 1101 or 1101H—Introduction to Psychology
   SOCI 1101—I/II—Introductory Sociology

Core Area F—Courses appropriate to major—18 hours

Course

Other Graduation Requirements

Physical Education—3 hours (choose one combination)
   PEBC 2001 (3 credits); or
   PEBC 2000 (2 credits) and one activity course, or
   Three one-credit PEBC activity courses

First Year Seminar—1 hour*
   One course selected from:
   FYSE 1000—First-Year Seminar Education
   FYSH 1000—First-Year Seminar Health Professions
   FYSL 1000—First-Year Seminar Liberal Arts
   FYSS 1000—First-Year Seminar Science and Technology

*Required for all new students, including transfer and readmitted students with fewer than 30 earned credit hours.