# General Education Revision Requirements
Students must complete Writing, Quantitative Reasoning, and Speaking requirements during their first year.

**ACADEMIC FOUNDATIONS**

- **Writing:** (6 cr - 2 courses)
- **Quantitative Reasoning:** (3 cr)
- **Speaking:** (3 cr)

**DISCIPLINARY AREAS**

- **Arts/Humanities:** (9 cr - 3 courses)
- **Social Sciences:** (6 cr - 2 courses)
- **Natural Sciences:** (7 cr - 2 courses)

**TAGS** (one class each)

- Critical Thinking (CT)
- Complex Systems (CS)
- Domestic Diversity (DD)
- Global Diversity (GD)

**College of Arts & Sciences Requirements**

- **Foreign Language:** (14 cr - 4 courses)
  - 101 Beginning I (4 cr)
  - 102 Beginning II (4 cr)
  - 201 Intermediate I (3-4 cr)
  - 202 Intermediate II (3-4 cr)
- 7700:222 Survey Deaf Culture America *(American Sign Language option only)*

- **300/400 Upper Division Requirement:** (40 cr)

---

# Physics Requirements (40 credits)

**Physics core:** (33 credits)

- 3650:291 Elementary Classical Physics I (4 cr)
- 3650:292 Elementary Classical Physics II (4 cr)
- 3650:301 Elementary Modern Physics (3 cr)
- 3650:322 Intermediate Laboratory I (3 cr)
- 3650:323 Intermediate Laboratory II (3 cr)
- 3650:340 Thermal Physics (3 cr)
- 3650:350 Modeling and Simulation (4 cr)
- 3650:431 Mechanics I (3 cr)
- 3650:436 Electromagnetism I (3 cr)
- 3650:441 Quantum Physics I (3 cr)

**Physics 400 level electives (7 credits) Select from:**

- 3650:470, 3650:481, 3650:482

**Other required courses**

- **Mathematics requirements:**
  - *3450:221 Analytic Geometry-Calculus I (4 cr)
  - *3450:222 Analytic Geometry-Calculus II (4 cr)
  - *3450:223 Analytic Geometry-Calculus III (4 cr)
  - 3450:335 Intro to Ordinary Diff. Equations (3 cr)

- **Chemistry requirements:**
  - 3150:151 Principles of Chemistry I (3 cr)
  - 3150:152 Principles of Chemistry I Lab (1 cr)
  - 3150:153 Principles of Chemistry II (3 cr)

- **Computer Science requirement:**
  - 3460:209 Introduction to Computer Science (4 cr)

**Notes:**

- The preceding requirements specify the minimum curriculum for the B.S. in Physics. For students wishing to enhance program, please consult the department.

- Only one of the introductory sequences 291,1 or 261,2 is applicable toward the required 40 credits.

- *Courses count as 300/400 upper division requirement.

- A minimum GPA of 2.00 for all courses in major is required.

- 14 credits in major must be taken at the University of Akron.

# 120 Credit Minimum

---

Revised 2/17