



The University of Akron
Buchtel College of Arts and Sciences

Biomedical Science Bachelor of Science (390002BS)

General Education Requirements (37-43cr)

ACADEMIC FOUNDATIONS

Math, Statistics, and Logic (3cr)

- ☐ MATH 221: Analytic Geometry-Calculus I (4cr)

Speaking (3cr)

- ☐ COMM 105 / COMM 263

Writing (6cr)

- ☐ First Course (3cr): ENGL 110 / ENGL 111
☐ Second Course (3cr): ENGL 112 / ENGL 222

BREADTH OF KNOWLEDGE

Arts & Humanities (6cr)

- ☐ Arts (3cr): _____
☐ Humanities (3cr): _____

Social Sciences (6cr)

- ☐ PSYC 100: Intro to Psychology (3cr)
☐ SOCIO 100: Intro to Sociology (3cr)

Natural Sciences (7cr)

- ☐ Satisfied with major requirements

INTEGRATED AND APPLIED LEARNING & DIVERSITY

Complex Issues Facing Society (CI)

- ☐ (See GE course list): _____

U.S. Perspectives (USP)

- ☐ (See GE course list): _____

Global Perspectives (GP)

- ☐ (See GE course list): _____

Civic Literacy (CL)

- ☐ (See GE course list): _____

See uakron.edu/general-education for course list

College of Arts and Sciences Requirements

ARTS & SCIENCES UPPER-LEVEL REQUIREMENT

- ☐ Complete at least 40cr of 300- or 400-level classes

For more information:
Department of Biology
Auburn D401 | (330) 972-7155
www.uakron.edu/biology/

Major Requirements (87-89cr)

BIOLOGY COURSES (34cr)

- ☐ BIOL 111: Principles of Biology I (4cr)
☐ BIOL 112: Principles of Biology II (4cr)
☐ BIOL 211: General Genetics (3cr)
☐ BIOL 212: General Genetics Laboratory (1cr)
☐ BIOL 316: Evolutionary Biology (3cr)
☐ BIOL 363: Foundations of Physiology I (3cr)
☐ BIOL 364: Foundations of Physiology I Laboratory (2cr)
☐ BIOL 485: Cell Physiology (3cr)
☐ BIOL 486: Cell Physiology Laboratory (2cr)
☐ BIOL 3/4xx: Biology Elective (3cr) _____
☐ BIOL 3/4xx: Biology Elective (3cr) _____
☐ BIOL 3/4xx: Biology Elective (3cr) _____

CHEMISTRY COURSES (25cr)

- ☐ CHEM 151: Principles of Chemistry I (3cr)
☐ CHEM 152: Principles of Chemistry I Laboratory (1cr)
☐ CHEM 153: Principles of Chemistry II (3cr)
☐ CHEM 154: Principles of Chemistry II Laboratory (2cr)
☐ CHEM 263: Organic Chemistry I (3cr)
☐ CHEM 265: Organic Chemistry I Laboratory (2cr)
☐ CHEM 264: Organic Chemistry II (3cr)
☐ CHEM 266: Organic Chemistry II Laboratory (2cr)
☐ CHEM 401: Biochemistry I (3cr)
☐ CHEM 402: Biochemistry II (3cr)

MATH & PHYSICS COURSES (16-18cr)

- ☐ MATH 221: Analytic Geometry-Calculus I (4cr)
☐ STAT 261: Introductory Statistics I (2cr) **AND**
☐ STAT 262: Introductory Statistics II (2cr) **OR**
☐ STAT 270: Introductory Statistics (4cr)
☐ PHYS 261: College Physics I (4cr)
☐ PHYS 262: College Physics II (4cr)

PROGRAM REQUIREMENTS (9cr)

- ☐ PSYC 100: Intro to Psychology (SS, 3cr)
☐ SOCIO 100: Intro to Sociology (SS, DD, 3cr)
☐ PHIL 361: Biomedical Ethics (CI, 3cr)

MEDICINE & HUMANITIES REQUIREMENT (3cr)

Complete one of the following:

- ☐ ANTH 309: Medicine in the Humanities (3cr)
☐ ANTH 457: Medical Anthropology (3cr)
☐ SOCIO 342 Sociology of Health and Illness (CI, 3cr)
☐ SOCIO 450 Sociology of Mental Illness (3cr)

120 Credit Minimum

Cumulative and Major GPAs of 2.0 or greater required

Buchtel College of Arts and Sciences
Advising Office: CAS 118
(330) 972-7880

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