MAJOR REQUIREMENTS for a BACHELOR OF ARTS in CHEMISTRY

J. WILLIAM FULBRIGHT COLLEGE OF ARTS AND SCIENCES

Catalog year: 2021

Fulbright College Advising Center
CHPN 322
479.575.3307
fulbrightadvising.uark.edu

Please visit catalog.uark.edu for an extensive list of graduation and prerequisite requirements.

Department of Chemistry and Biochemistry
101 CHEM
479.575.4601
chemistry.uark.edu

CHEMISTRY CORE (5 courses • 20-22 hours)

☐ CHEM 12/123/121L Chemistry for Majors I

☐ CHEM 1103/1101L University Chemistry I

☐ CHEM 1123/1121L University Chemistry II

☐ CHEM 2263/2261L Analytical Chemistry

☐ CHEM 3703/3701L Organic Chemistry I

☐ CHEM 3713/3711L Organic Chemistry II

CHEMISTRY ELECTIVES numbered 3000 or higher (2 courses • 6 hours)

☐ CHEM _____________

☐ CHEM _____________

CHEMISTRY WRITING REQUIREMENT

☐ Satisfied by the formal research/analytical reports required in Physical Chemistry Laboratory—CHEM 3451L or CHEM 3512L—or by completing an honors thesis.

WORLD LANGUAGE up to the Intermediate I (2003) level or higher (hours vary)

☐ _______________ (2003)

—SELECT ONE OPTION (A or B) FROM BELOW:

OPTION A (4 courses • 15-16 hours)

☐ MATH 2043 Survey of Calculus

☐ MATH 2554 Calculus I

☐ PHYS 2013/2011L College Physics I

☐ PHYS 2033/2031L College Physics II

☐ CHEM 3453/3451L Elements of Physical Chemistry (fall only)
  (pre-requisite: CHEM 2263/2261L)

—or—

OPTION B (5 courses • 22 hours)

☐ MATH 2564 Calculus II

☐ PHYS 2054 University Physics I

☐ PHYS 2074 University Physics II

☐ CHEM 3504 Physical Chemistry I (fall only)
  (pre-requisite: CHEM 2263/2261L & PHYS 2074)

☐ CHEM 3514/3512L Physical Chemistry II (spring only)
  (pre or co-requisite: MATH 2564)

Note: These mathematics and physics prerequisite requirements are substantial, and these courses and their prerequisites should be scheduled early in the student’s program.

Note: Anytime a "for majors" course option is completed, it will suffice to complete the "not for majors" pre-requisite listed above.

MINIMUM DEGREE CREDIT HOURS REQUIRED TO GRADUATE = 120 (CORE + MAJOR + GENERAL ELECTIVES)

WORLD LANGUAGE up to the Intermediate I (2003) level or higher (hours vary)

☐ _______________ (2003)

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☐ MATH 2554 Calculus I

☐ PHYS 2013/2011L College Physics I

☐ PHYS 2033/2031L College Physics II

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