

**EXECUTIVE COMMITTEE
COLLEGE OF NATURAL AND AGRICULTURAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 29, 2018**

To be adopted:

Proposed Changes to Chemistry Undergraduate Program
Bachelor of Arts in Chemistry

PRESENT:

Bachelor of Arts

1. Lower-division requirements (63 units)

- a) CHEM 001A, CHEM 001B, CHEM 001C, CHEM 01LA, CHEM 01LB, CHEM 01LC (or CHEM 01HA and CHEM 1HLA, CHEM 01HB and CHEM 1HLB, CHEM 01HC and CHEM 1HLC), CHEM 005, CHEM 008A and CHEM 08LA ~~or CHEM 12A~~, CHEM 008B and CHEM 08LB ~~or CHEM 12B~~, CHEM 008C and CHEM 08LC ~~or CHEM 12C~~ (or CHEM 08HA and CHEM 08HLA ~~or CHEM 12HA~~, CHEM 08HB and CHEM 08HLB ~~or CHEM 12HB~~, CHEM 08HC and CHEM 08HLC ~~or CHEM 12HC~~)
- b) MATH 009A, MATH 009B, MATH 009C, MATH 010A
- c) PHYS 040A, PHYS 040B, PHYS 040C (or PHYS 002A, PHYS 002B, PHYS 002C, PHYS 02LA, PHYS 02LB, PHYS 02LC)

2. Upper-division requirements (36 units) A minimum grade of "C-" for any upper-division course used to fulfill the requirements for the B.A. degree.

- a) CHEM 110A, CHEM 110B, CHEM 113, ~~CHEM 125~~, CHEM 150A, CHEM 191, and either CHEM 111 or CHEM 140 or CHEM 166
- b) Ten (10) additional upper-division units

PROPOSED:

Bachelor of Arts

1. Lower-division requirements (63 units)

- a) CHEM 001A, CHEM 001B, CHEM 001C, CHEM 01LA, CHEM 01LB, CHEM 01LC (or CHEM 01HA and CHEM 1HLA, CHEM 01HB and CHEM 1HLB, CHEM 01HC and CHEM 1HLC), CHEM 005, CHEM 008A and CHEM 08LA, CHEM 008B and CHEM, CHEM 008C and CHEM 08LC (or CHEM 08HA and CHEM 08HLA, CHEM 08HB and CHEM 08HLB, CHEM 08HC and CHEM 08HLC)
- b) No Change
- c) No Change

2. No Change

- a) CHEM 110A, CHEM 110B, CHEM 113, CHEM 125W, CHEM 150A, CHEM 191, and either CHEM 111 or CHEM 140 or CHEM 166
- b) No Change

JUSTIFICATION:

Organic Chemistry series has been approved to update from CHEM 012 to CHEM 008 in Fall on 2017 in order help all CNAS major by reducing the upper division requirement between 36 to 60 units and give other majors an opportunity to strengthen their own degree program. CHEM 012 no longer exists.

Changing CHEM 125 to CHEM 125W

The CHEM 125 course contained an objective of having the students paraphrase experiments and scientific techniques to better understand the importance and objective of the experiment being performed. By changing the course from CHEM 125 to CHEM 125W, this will allow students to be trained in writing scientific reports or journals while preparing lab reports for this class. Along with that, this will also accomplish the requirement of satisfying the UCR's third -quarter writing requirement.

APPROVALS:

Approved by the faculty of the Department of Chemistry:

February 27, 2018

Approved by the Executive Committee of the College of Natural and
Agricultural Sciences:

March 20, 2018

Approved by the Committee on Educational Policy:

May 4, 2018