To be adopted:

Proposed Changes to Undergraduate Chemistry Major

Present:
None

Proposed:

Change of Major Criteria:
General requirement:
1. Students must be in good academic standing with 2.0 cumulative GPA and 2.0 upper-division chemistry major GPA.
2. Grades for all chemistry core and required lower-division math and physics courses must be “C-” or better.
3. A grade of “C-” or better in each of the courses used to satisfy the 20-unit CNAS Natural Science and Mathematics breadth requirement.
4. AP credit is not accepted for lower-division chemistry courses.

Specific requirement:
If student has completed less than 45 units (first year students), then
• Completion of Chem 001A, Chem 001LA, Math 008B or Math 009A.

If student has completed between 45 and 90 units (second year students), then
• Completion of Math 008B or Math 009A, Math 009B, Math 009C.
• Completion of Chem 001ABC, Chem 001LABC and Phys 040A or Phys 002A & Phys 002LA (Phys 002A & 02LA can be used for B.A. program only).

If student has completed between 90 and 135 units (third year students), then
• Completion of all lower-division math requirements (Math 008B or Math 009A, 009B, 009C, Math 010A for B.A. program; and Math 008B or Math 009A, 009B, 009C, Math 010A, Math 010B, Math 046 for B.S. program).
• Completion of the following chemistry courses (Chem 001ABC, Chem 001LABC,
Chem 005, Chem 112ABC).

• Completion of all lower-division physics requirements (Phys 040ABC or Phys 002ABC & 02LABC) (Phys 002ABC & 02LABC can be used for B.A. program only)

If student has completed more than 135 units (fourth year students), then

• Completion of all lower-division math requirements (Math 008B or Math 009A, 009B, 009C, Math 010A for B.A. program; and Math 008B or Math 009A, 009B, 009C, Math 010A, Math 010B, Math 046 for B.S. program).

• Completion of all lower-division chemistry courses (Chem 001ABC, Chem 001LABC, Chem 005, Chem 112ABC).

• Completion of all lower-division physics requirements (Phys 040ABC or Phys 002ABC & 02LABC) (Phys 002ABC & 02LABC can be used for B.A. program only)

• Completion of upper-division chemistry courses (Chem 125 and Chem 150A)

Justification:

The change of major criteria were developed by the CNAS Advising Center and the Chemistry Department to provide new guidelines for students who plan to change to chemistry major. They were reviewed and approved by the faculty of the Chemistry Department in February 2012 and we propose to add the criteria to the catalog copy for the major.

Approvals:

Approved by the Department of Chemistry: 2/16/2012
Approved by the CNAS Executive Committee: 4/3/2012
Approved by the Committee on Educational Policy: 5/8/12