

PROGRAM CHANGES
WEBER STATE UNIVERSITY

Submission Date:

College: _____ College of Science _____

Department: _____ Chemistry _____

Program Title: _____ BIS Emphasis _____

PROGRAM DESCRIPTION:

The Chemistry Bachelor of Integrated Studies (BIS) Emphasis satisfies the requirements for one of the three emphasis areas of a BIS degree at Weber State University. A minimum grade of "C" must be achieved in all coursework used to satisfy BIS emphasis requirements.

Credit Hours Requirements: A minimum of 18 credit hours of coursework, including at least 8 credit hours of upper-division coursework, is required to fulfill the requirements of the Chemistry BIS Emphasis.

Check all that apply:

____ New course(s) required for major, minor, emphasis, or concentration.

____ Modified course(s) required for major, minor, emphasis, or concentration.

Credit hour change(s) required for major, minor, emphasis, or concentration.

____ Credit hour change(s) for a course which is required for the major, minor, emphasis, or concentration.

____ Attribute change(s) for any course.

____ Program name change.

____ Deletion of required course(s).

____ Other changes (specify) _____

If multiple changes are being proposed, please provide a summary. Use ~~strikeout~~ when deleting items in the program and highlight when adding items.

Submit the original to the Faculty Senate Office, MC 1033, and an electronic copy to kbrown4 @weber.edu

JUSTIFICATION:

The Chemistry Department has reviewed the Chemistry Minor and BIS requirements and has made changes to each based on feedback from the BIS program and the needs of students pursuing each of these options. The current BIS Emphasis requirements do not sufficiently prepare a student to pursue a

BIS project with a significant Chemistry emphasis. The proposed BIS requirements have been expanded to address this weakness and will now include eight credit hours of upper division chemistry coursework for a total requirement of 18 credit hours of coursework in the Chemistry BIS Emphasis.

The proposed changes apply only to the Chemistry BIS Emphasis. Because the requirements for the Chemistry Minor and Chemistry BIS Emphasis will no longer be the same, a separate proposal for the Chemistry Minor Emphasis is being presented along with this proposal.

INFORMATION PAGE

Attach a copy of the present program from the current catalog and a revised version (exactly as you wish it to appear in the catalog).

Did this program change receive unanimous approval within the Department? Yes If not, what are the major concerns raised by the opponents?

Explain any effects this program change will have on program requirements or enrollments in other departments including the Bachelor of Integrated Studies Program. In the case of similar offerings or affected programs, **you should include letters from the departments in question stating their support or opposition to the proposed program.**

These changes affect only the BIS program requirements for a Chemistry Emphasis.

Indicate the number of credit hours for course work within the program. (Do not include credit hours for General Education, SI, Diversity, or other courses unless those courses fulfill requirements within the proposed program.)

18

Indicate the number of credit hours for course work within the current program. (Do not include credit hours for General Education, SI, Diversity, or other courses unless those courses fulfill requirements within the current program.) 18

APPROVAL PAGE

for:

(Program Title)

Approval Sequence:

Department Chair/Date (& BIS Director if applicable)

College Curriculum Committee/Date

Program Director or ATE Director (if applicable)/Date

Dean of College/Date

Courses required in programs leading to secondary undergraduate teacher certification must be approved by the University Council on Teacher Education before being submitted to the Curriculum Committee.

University Council on Teacher Education/Date

Master's program changes must be reviewed by the University Graduate Council before being submitted to the Curriculum Committee.

I have read the proposal and discussed it with the program director.

University Graduate Council Representative/Date

University Curriculum Committee/Date

Passed by Faculty Senate _____ Date

Effective Date (As per PPM 4-2a) Fall 2011

Chemistry

~~MINOR & BIS EMPHASIS~~

» ~~Grade Requirements:~~ A minimum passing grade of "D-" will be accepted in any course used toward the ~~minor~~. A minimum grade of "C" must be achieved in the ~~BIS emphasis~~. all coursework used to satisfy BIS emphasis requirements, consistent with BIS requirements.

» ~~Credit Hours Requirements:~~ A minimum of 18 credit hours is required for the ~~minor~~ and 18 credit hours are required for BIS emphasis.

Course Requirements for ~~Minor~~/BIS Emphasis

Chemistry Courses Required (10 credit hours)

- CHEM PS/SH1210 Principles of Chemistry I (5)
- CHEM SH1220 Principles of Chemistry II (5)

~~Minor Electives/BIS Electives (select at least 8 credit hours)~~ (Select additional chemistry coursework including at least 8 credit hours of upper division courses numbering 3000 and above.)

- ~~CHEM 2310 Organic Chemistry I (5)~~
- ~~CHEM 2320 Organic Chemistry II (5)~~
- ~~CHEM 2600 Laboratory Safety (1)~~
- ~~CHEM 2990 Chemical Technician Seminar (1)~~
- ~~CHEM 3000 Quantitative Analysis (4)~~
- ~~CHEM 3020 Computer Appl. in Chemistry (1)~~
- ~~CHEM 3050 Instrumental Analysis (4)~~
- ~~CHEM 3070 Biochemistry I (4)~~
- ~~CHEM 4550 Geochemistry (3)~~

Chemistry

BIS EMPHASIS

» **Grade Requirements:** A minimum grade of "C" must be achieved in all coursework used to satisfy BIS emphasis requirements, consistent with BIS requirements.

» **Credit Hours Requirements:** A minimum of 18 credit hours is required for the BIS emphasis.

Course Requirements for BIS Emphasis

Chemistry Courses Required (10 credit hours)

- CHEM PS1210 Principles of Chemistry I (5)
- CHEM 1220 Principles of Chemistry II (5)

BIS Electives (Select additional chemistry coursework including at least 8 credit hours of upper division courses numbering 3000 and above.)

New Version