

Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

| | | |
|--------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------------|
| <input type="checkbox"/> (Check one) New Course (Parts II, IV) | Department Name | Chemistry |
| <input checked="" type="checkbox"/> Course Revision (Parts II, IV) | College | Arts and Sciences |
| <input type="checkbox"/> Hybrid Course ("S," "W") | *Course Prefix & Number | CHE 811 |
| <input type="checkbox"/> New Minor (Part III) | *Course Title | Chemistry Practicum |
| <input type="checkbox"/> Program Suspension (Part III) | *Program Title | |
| <input type="checkbox"/> Program Revision (Part III) | *Provide only the information relevant to the proposal. | If Certificate, indicate Long-Term (University) or Short-Term (Departmental) |

| Proposal Approved by: | <u>Date</u> | | <u>Date</u> |
|------------------------------|-------------|-----------------------------|-------------|
| Departmental Committee | 12-02-2015 | Council on Academic Affairs | 3/24/16 |
| College Curriculum Committee | 01-25-16 | Faculty Senate** | NA |
| General Education Committee* | NA | Board of Regents** | NA |
| Teacher Education Committee* | NA | EFFECTIVE ACADEMIC TERM*** | FALL 2016 |
| Graduate Council* | 02/26/2016 | | |

*If Applicable (Type NA if not applicable.)
**Approval needed for program revisions or suspensions.
***To be added by the Registrar's Office after all approval is received.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)

Increase credit hours from "1-2" to "1-3"; increase maximum number of hours from "two" to "three"; increase lab hours from "3-6" to "3-9".

A. 2. Effective date: (Example: Fall 2012)

Fall 2016

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action:

For incoming graduate students, material needs to be present that addresses issues of chemical teaching and the current practice of lecture is not as effective as faculty mentoring in an actual operating classroom. The course is designed to allow a graduate student to work with a faculty mentor to reinforce presented chemical concepts while gaining skills pertaining to data dissemination as well as management. A change in the course will allow students to participate to a greater extent. The practicum course has received positive feedback (from students and faculty) and the ability to increase participation will be beneficial to those that participate. In addition, the revised course would allow for existing science teachers to work towards Rank I certification.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact: None

Operating Expenses Impact: None

Equipment/Physical Facility Needs: None

Library Resources: None

Part II. Recording Data for New, Revised, or Dropped Course(For a **new required course**, complete a separate request for the appropriate program revisions.)

1. For a new course, provide the catalog text.
2. For a revised course, provide the current catalog text with the proposed text using ~~strickthrough~~ for deletions and underlines for additions.
3. For a dropped course, provide the current catalog text.

New or Revised* Catalog Text(*Use ~~strickthrough~~ for deletions and underlines for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)

CHE 811 Chemistry Practicum (1-~~23~~) A. Methodologies of chemistry teaching achieved through guided mentoring. Formal project assigned by faculty mentor is required for each student. Examples include developing novel assignments or lab experiences, designing new education demonstrations, or investigating lecturing/tutoring techniques. May be retaken for a maximum of ~~two~~ three hours. 3-~~69~~ Lab

Part IV. Recording Data for New or Revised Course (Record only **new** or **changed** course information.)

| | | | | |
|-----------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------|
| Course prefix (3 letters) | Course Number (3 Digits) | Effective Term (Example: Fall 2001) | College/Division: | Dept. (4 letters)* |
| CHE | 811 | Fall 2016 | AS <input checked="" type="checkbox"/> JS _____ BT _____ EM _____ ED _____ PC _____ HS _____ | CHEM |
| Credit Hrs. | Weekly Contact Hrs. | | Repeatable Maximum No. of Hrs. <u>2-3</u> | |
| 1- <u>23</u> | Lecture _____ | Laboratory <u>3-69</u> | Other _____ | |
| Schedule Type* (List all applicable) | Work Load (for each schedule type) | Grading Mode* | Class Restriction, if any: (undergraduate only) | |
| | | | FR _____ JR _____ SO _____ SR _____ | |
| | | Grading Information: Course is eligible for IP (in-progress grading) for: <u>Check all applicable</u> | FOR BANNER USE ONLY Date of data entry _____ Data entry person _____ | |
| | | Thesis _____ | | |
| | | Internship _____ | | |
| | | Independent Study _____ | | |
| | | Practicum <input checked="" type="checkbox"/> | | |

Co-Requisites and Prerequisites ****See definitions on following page******Co-Requisite(s):** (List only co-requisites. See below for prerequisites and combinations.)

Course Prefix and No. _____

Course Prefix and No. _____

Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

Course Prefix and No. _____

Course Prefix and No. _____

Test Scores _____

Minimum GPA (when a course grouping or student cumulative GPA is required) _____

Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

Course Prefix and No. _____

Test Scores _____

Minimum GPA (when a course grouping or student cumulative GPA is required) _____

Equivalent Course(s): (credit not allowed with; or formerly:)

Course Prefix and No. _____

Course Prefix and No. _____

Course Prefix and No. _____

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |