

PROPOSAL NUMBER: 99- 405 (2)

# CURRICULUM PROPOSAL FORM

**DEADLINES:**

REGULAR COURSE PROPOSALS: OCTOBER 23, 1998 FOR FALL, 1999 AND FEBRUARY 19, 1999 FOR SPRING, 2000  
 SHORT-TERM COURSE PROPOSALS: DECEMBER 11, 1998 FOR FALL, 1999 AND MARCH 26, 1998 FOR SPRING 2000

**PROPOSAL TITLE:** Chemical Reaction Engineering  
**SPONSOR/S:** C. Stewart Slater and Chemical Engineering Curriculum Committee  
**DEPARTMENT:** Chemical Engineering 0966.316

**CHECK ALL THAT APPLY:**  
 UNDERGRADUATE       GRADUATE

**COLLEGE:** Engineering  
 If LAS:     History/Humanities  
                Math/Sciences  
                Social/Behavioral Sciences

\* \* \* \* \*

**TYPE OF PROPOSAL (Check ALL that Apply)**

<input type="checkbox"/> General Education	<input type="checkbox"/> New Course (NOT Gen. Ed.)
<input type="checkbox"/> New Course in <u>                    </u> Bank	<input type="checkbox"/> Name Change (Dept., School, Major)
<input type="checkbox"/> Existing course, Add To <u>                    </u> Bank	<input type="checkbox"/> Changes in Degree Requirements
<input type="checkbox"/> Multicultural/Global Designation	<input type="checkbox"/> Changes Involve Gen. Ed. requirements
<input type="checkbox"/> Writing Intensive Designation	<input checked="" type="checkbox"/> Minor Changes to Existing Courses
<input type="checkbox"/> New Minor/Concentration/Specialization	<input checked="" type="checkbox"/> Course is NOT General Education
<input type="checkbox"/> New Major/Degree Program	<input type="checkbox"/> Course IS General Education
<input type="checkbox"/> Short Term Course Proposal	

**DEPARTMENT**  
 (SIGNATURE INDICATES APPROVAL)

<u>Robert P. Heath</u> <u>9/28/98</u>	<u>[Signature]</u> <u>9-28-98</u>
<b>DEPT. CURRICULUM CHAIR / DATE</b>	<b>DEPT. CHAIRPERSON / DATE</b>

**COLLEGE CURRICULUM COMMITTEE**  
 DATE OF OPEN HEARING (if necessary) \_\_\_\_\_

APPROVED  
 NOT APPROVED

COMMENTS:

Robert P. Heath      9/29/98  
 SIGNATURE              DATE

**ACADEMIC DEAN (& GRADUATE DEAN, for New Graduate Programs Only)**

APPROVED  
 NOT APPROVED

COMMENTS:

[Signature]      9/28/98  
 SIGNATURE (Academic Dean)      DATE

\_\_\_\_\_  
 SIGNATURE (Graduate Dean)      DATE

**UNIVERSITY CURRICULUM COMMITTEE**

DATE OF OPEN HEARING (if necessary) 2/9/99 College level only

APPROVED

NOT APPROVED

COMMENTS:

[Signature] 3/4/99  
SIGNATURE DATE

**SENATE**

Date announced at Senate 2/23/99

Voted upon at Senate:            Approved            Not Approved            Date:

**EXECUTIVE VICE PRESIDENT/PROVOST**

APPROVED

NOT APPROVED If no, reasons are as follows:

STUDENT CREDIT HOURS \_\_\_\_\_ FACULTY LOAD HOURS \_\_\_\_\_ EQUALIZED CREDIT HOURS \_\_\_\_\_

OFFICIAL COPY & APPROVAL SHEET FILED (DATE): \_\_\_\_\_

DATE/SIGNATURE EXECUTIVE VICE PRESIDENT/PROVOST [Signature]

**REGISTRAR**

DATE APPROVED COURSE DESCRIPTION RECEIVED \_\_\_\_\_

HEGIS TAXONOMY & COURSE NUMBER ASSIGNED changed credit hours 3.4

DATE/SIGNATURE OF REGISTRAR Robert G. Bulot 3/25/99

**NOTIFICATION FORWARD:**

SENATE CURRICULUM COMMITTEE CHAIRPERSON

DEPARTMENT CHAIRPERSONS

ACADEMIC DEAN(S)

REGISTRAR

SPONSOR(S)

TMM 3/31/99

## ***Minor Change***

### ***1. Details:***

- a) **Change:** Change the semester credit hours of, Chemical Reaction Engineering, (0906.416), from 3 to 4. This is to take effect for the class of 2001. Class of 2000 will take the currently approved 3 s.h. version.

#### **Current**

Chemical Reaction Engineering, 3 s.h., (0906.316), Junior year, .Spring semester

#### **New**

Chemical Reaction Engineering, 4 s.h., (0906.316), Junior year, .Spring semester

- b) **Sponsor:** Dr. C. Stewart Slater, and Chemical Engineering Curriculum Committee
- c) **Credit Hours:** 4 semester hours
- d) **Course Level:** Undergraduate
- e) **Curricular Effect:** Requirement for Chemical Engineering students
- g) **Suggested Time/**  
**Scale of Implementation:** 1 sections
- h) **Resources:** No additional resources will be needed for this minor change

### ***2. Rationale:***

The proposed change is consistent with the on-going assessment and review of the College of Engineering's programs of study. The Chemical Engineering program is making some minor curricular changes in response to information obtained at the American Society of Engineering Education and the American Institute of Chemical Engineers annual conference and in consultation with other ChE Chairs and curriculum consultants. Adding the extra hour will enhance the preparation of students in this important AIChE/ABET topic. The extra hour will be used for laboratory work as is currently being done with the 4 s.h. Separation Processes course.

### ***3. Results of Consultations:***

This change will not impact any other engineering program or science program.