

CURRICULUM PROPOSAL FORM

2

\*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: Change in prerequisites for Quantum Mechanics I  
SPONSOR/S: K. Minge Sauer, Dept of Chemistry & Physics  
DEPARTMENT: Chem & Physics  
1902.401

CHECK ALL THAT APPLY:

UNDERGRADUATE  GRADUATE

COLLEGE: LAS

If LAS:  History/Humanities  
 Math/Sciences  
 Social/Behavioral Sciences

RECEIVED  
11/25/98  
DEPT. CHAIRPERSON

\*\*\*\*\*

TYPE OF PROPOSAL (Check ALL that Apply)

- General Education
- New Course in \_\_\_\_\_ Bank
- Existing course, Add To \_\_\_\_\_ Bank
- Multicultural/Global Designation
- Writing Intensive Designation
- Literature Designation
- New Minor/Concentration/Specialization
- New Major/Degree Program
- Short Term Course Proposal
- New Course (NOT Gen. Ed.)
- Name Change (Dept., School, Major)
- Changes in Degree Requirements
- Changes Involve Gen. Ed. requirements
- Minor Changes to Existing Courses
  - Course is NOT General Education
  - Course IS General Education

DEPARTMENT

(SIGNATURE INDICATES APPROVAL)

Robert Minge Sauer 11/25/98 Robert Minge Sauer 11/25/98  
DEPT. CURRICULUM CHAIR / DATE DEPT. CHAIRPERSON / DATE

COLLEGE CURRICULUM COMMITTEE

DATE OF OPEN HEARING (if necessary) \_\_\_\_\_

APPROVED  
 NOT APPROVED

COMMENTS:  
Janey Lynn Williams 3-2-99  
SIGNATURE DATE

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

APPROVED  
 NOT APPROVED

COMMENTS:  
SIGNATURE (Academic Dean) DATE  
SIGNATURE (Graduate Dean) DATE

**UNIVERSITY CURRICULUM COMMITTEE**

DATE OF OPEN HEARING (if necessary) 3/18/99 (College level only)

APPROVED

NOT APPROVED

COMMENTS:

Samuel Reves 4/30/99  
SIGNATURE DATE

**SENATE**

Date announced at Senate 3/30/99

Voted upon at Senate:                      Approved                      Not Approved                      Date:

**EXECUTIVE VICE PRESIDENT/PROVOST**

APPROVED

MAY 4 1999

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 Prerequisite Change

DATE/SIGNATURE OF REGISTRAR Robert A. Kulot 5/7/99

**NOTIFICATION FORWARD:**

\_\_\_\_\_ SENATE CURRICULUM COMMITTEE CHAIRPERSON

\_\_\_\_\_ DEPARTMENT CHAIRPERSONS

\_\_\_\_\_ ACADEMIC DEAN(S)

\_\_\_\_\_ REGISTRAR

\_\_\_\_\_ SPONSOR(S)

## Minor Curricular Change

99-735

### 1. Details:

- a. Change requested in prerequisite for Quantum Mechanics I *1902.461*

From:

1902.300 Modern Physics  
1902.201 Physics II w/calc or 1902.203 Physics II no calc  
1902.325 Mathematical Physics  
or permission of the instructor

To:

1902.300 Modern Physics  
1902.325 Mathematical Physics *or* 1701.<sup>236</sup>~~242~~ Mathematics for Engineering Analysis II *or*  
1701.231 Ordinary Differential Equations  
or permission of the instructor

- b. Sponsors: K. Magee-Sauer, and Department of Chemistry & Physics

### 2. Rationale:

a. Need:

Although, not equivalent to Mathematical Physics (1902.325), students who have completed Math for Engineering Analysis II (1701.242) or Ordinary Differential Equations (1702.231) have the mathematical preparation required to successfully complete Quantum Mechanics I. We propose to add the above courses to make it easier for the math or engineering major to register via touch tone registration.

b. Curricular Effect:

It will make registering for this physics course for both math and engineering majors possible via touch tone registration.

### 3. Results of Consultations:

- a. Dr. Jim Tracey, Dean of Engineering  
b. Dr. Ron Czocho, Chair of Mathematics Department