

CURRICULUM PROPOSAL FORM #3
University of Wisconsin-Whitewater

NEW COURSE

COURSE NUMBER: 630 - 492 / 692
CROSS LISTED NO.: - /

EFFECTIVE TERM: Fall 1996
~~Spring 1995~~

COURSE TITLE: Laboratory Teaching Experience

15 CHARACTER ABBREVIATION L A B T E A C H I N G E X P

25 CHARACTER ABBREVIATION L A B T E A C H I N G E X P E R I E N C E

SPONSOR(S): Biological Sciences Curriculum Committee

DEPARTMENT(S): Biological Sciences

COLLEGE(S): Letters and Sciences

CHECK IF THE COURSE IS TO MEET ANY
OF THE FOLLOWING REQUIREMENTS:

No Writing Requirement

No Diversity Requirement

No General Studies, Area: _____

No Computer Requirement

CONTACT HOURS/CREDITS

Total Lecture Hours _____

Total Lab Hours 30

Total Contact Hours 30

Number of Credits 1

IS THE COURSE REQUIRED IN: IS THE COURSE REPEATABLE: YES X, NO _____

No Major, _____ No. of Times in Major _____ and No. of Credits _____

No Minor, _____ No. of Times in Degree 2 and No. of Credits 2

No Emphasis, _____ S/NC only

ATTACH THE FOLLOWING:

- I. COURSE JUSTIFICATION
- II. RELATIONSHIP TO PROGRAM OBJECTIVE
- III. BUDGETARY IMPACT
- IV. PROGRAMS AFFECTED IN OTHER ACADEMIC UNITS
- V. COURSE DESCRIPTION
- VI. REQUISITES
- VII. TENTATIVE COURSE SYLLABUS
- VIII. BIBLIOGRAPHY

Biological Sciences 630-492/692: Laboratory Teaching Experience Proposal

I. Course Justification: A number of students in the Biological Sciences programs at the University of Wisconsin-Whitewater are enrolled in teacher certification programs. Many other students expect to enter graduate schools, where they will support their continued education by working as teaching assistants. Both of these groups of students would benefit from experience teaching biology in addition to the opportunities offered by the College of Education. Undergraduate teaching assistantships are becoming a national model in quality liberal arts and sciences colleges, and comprehensive university's students are becoming less competitive partly due to a lack of similar experience. This additional educational experience will make our students more attractive to school districts and graduate schools and will improve their teaching performances by establishing a mentored relationship with teaching faculty.

II. Relationship to Program Objectives: This course should have low student demand, since it will not be allowed for majors' or minors' credit and only highly motivated and academically talented students will be eligible to take this course. Students enrolling are required to have completed the course in which they are assisting with a grade of B or better, effectively restricting the course to students in their second semester or later. Graduate students will be expected to assume more laboratory preparation duties and laboratory leadership than undergraduates.

In addition, this course will facilitate accomplishing the following educational objectives listed in the most recent annual report from the Department of Biological Sciences:

a. Subject matter. Assisting faculty in laboratory instructional duties will help the undergraduate teaching experience student (referred to hereafter as a Laboratory Assistant or LA) reinforce her knowledge in the subject taught, and provide those students in a class using an LA additional access to in class support. This additional access to instruction should facilitate timely accomplishment of laboratory exercises, with better mastery of subject material by students.

b. Cognitive development. Students in this course will improve critical thinking, and problem solving by assisting others in these tasks. Oral presentation skills will improve with the practice of explaining and demonstrating course material to other students.

III. Budgetary Impact. This course will require no special offerings, since it will be taught individually by contract between the student and a faculty mentor. Faculty mentors will not receive teaching load compensation for mentoring. Mentoring will be regarded as equivalent to sponsoring independent research students in departmental merit and teaching load consideration. No budgetary impact is anticipated.

IV. Programs Affected: This course should supplement the College of Education's Practicum programs. Virginia Epps and Michael Nelson, science education specialists

Biological Sciences 630-492/692: Laboratory Teaching Experience Proposal

in the Department of Curriculum and Instruction will be consulted prior to submission of this proposal.

V. Course Description: This course provides teaching experience at the college level for undergraduate students. Undergraduate teaching experience students will assist faculty members in preparing, delivering, and tearing down laboratory or discussion section instructional units in biology courses, conducting review sessions, and tutoring students under the direct supervision of a faculty mentor. S/NC only.

VI. Requisites. Grade of B or better in the assigned course, and a G.P.A. of 3.0 or better. Approval of a faculty mentor and the Biological Sciences Department.

VII. Course Syllabus:

A. Learning Objectives:

1. Reinforcement of specific course content
2. Topic outline: varies with student assignment
3. Methods for evaluation: LA's will be evaluated in part by student evaluations identical to those for the faculty member teaching the course to which the LA is assigned, and on the basis of attendance, participation, and preparation by the supervising faculty member. Undergraduate teaching experience students will not be responsible for grading.
4. Text will vary with student assignment
5. Graduate students will be expected to assume more laboratory preparation duties and laboratory leadership than undergraduates.
6. Specific duties vary with course instructional assignment and are approved by the faculty mentor and the Biological Sciences faculty on a case by case basis.
7. Grading is S/NC only.

VIII. Bibliography. N/A. References will mirror those applying to course assigned.

SIGNATURE PAGE
CURRICULUM PROPOSAL FORM #3

COPY

COURSE NUMBER: 639 / 492 / NEW COURSE 692
CROSSLISTED NUMBER: _____ / _____ / _____

COURSE TITLE: Laboratory Teaching Experience

<u>Lance W. Chain</u> Proposal Sponsor	<u>10/17/95</u> Date of Submission
<u>Hall Downy</u> Chair of Sponsoring Department	<u>Bio Sciences</u> Department
<u>10/17/95</u> Approval Date	
<u>Harry Schatz</u> Chair, College Curriculum Committee	<u>11/9/95</u> Approval Date
<u>[Signature]</u> Dean of College	<u>LCS</u> College
	<u>Nov 16, 95</u> Approval Date

FOR UNDERGRADUATE ACTIONS:

IF COURSE IS TO BE CONSIDERED AS A DIVERSITY/ G.S. OPTION:

<u>Chair, Div. Comm./ Gen. Ed. Review Comm.</u>	<input type="checkbox"/> Recommended <input type="checkbox"/> Not Recommended	_____ Date
<u>Larry W. Davis</u> Chair, University Curriculum Committee	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Not Approved	<u>12/1/95</u> Date
<u>Donald E. Lawrence</u> Chair, Faculty Senate	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Not Approved	<u>12/12/95</u> Date

FOR GRADUATE ACTIONS:

<u>[Signature]</u> Chair, Graduate Council	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Not Approved	<u>2-8-96</u> Date
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Provost & Vice Chancellor

Date Received

RECORD OF OTHER ACADEMIC UNITS CONSULTED

ACADEMIC UNIT	SIGNATURE	DATE	*ACTION
<u>C&I</u>	<u>[Signature]</u>	<u>10-20-95</u>	<u>Approved</u>
<u>C&T</u>	<u>[Signature]</u>	<u>10/23/95</u>	<u>Approved</u>

* Indicate Approve, No Contest, or Disapprove, for graduate programs only)

Y903

CURRICULUM PROPOSAL FORM #3
University of Wisconsin-Whitewater

COPY

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EFFECTIVE TERM: Fall Spring 1996

CROSS LISTED NO.: _____ - _____ / _____

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