

New Course Request

NOV 11 2008

Indiana University

IUPUI

Campus

Check Appropriate Boxes:

Undergraduate credit

Graduate credit

Professional credit 90

1. School/Division Medicine 2. Academic Subject Code ANAT

3. Course Number D878 (must be cleared with University Enrollment Services) 4. Instructor Laura Torbeck

5. Course Title Anatomy Teaching Practicum

Recommended Abbreviation (Optional) _____
(Limited to 32 Characters including spaces)

6. First time this course is to be offered (Semester/Year): Fall/2008

7. Credit Hours: Fixed at 2 or Variable from _____ to _____

8. Is this course to be graded S-F (only)? Yes _____ No X

9. Is variable title approval being requested? Yes _____ No X

10. Course description (not to exceed 50 words) for Bulletin publication: _____
D878 Anatomy Teaching Practicum (2 cr.) P: consent of instructor. This course is designed to provide each student with supervised teaching experiences in Gross Anatomy, Histology, and Neuroscience, as well as critical reviews of all teaching duties. May be repeated for credit.

11. Lecture Contact Hours: Fixed at NA or Variable from _____ to _____

12. Non-Lecture Contact Hours: Fixed at NA or Variable from _____ to _____

13. Estimated enrollment: 2/semester of which 100 percent are expected to be graduate students.

14. Frequency of scheduling: Fall or Spring Will this course be required for majors? yes

15. Justification for new course: Required for the new Education Track PhD in Anatomy

16. Are the necessary reading materials currently available in the appropriate library? NA

17. Please append a complete outline of the proposed course, and indicate instructor (if known), textbooks, and other materials. See attached course outline.

18. If this course overlaps with existing courses, please explain with which courses it overlaps and whether this overlap is necessary, desirable, or unimportant.

19. A copy of every new course proposal must be submitted to departments, schools, or divisions in which there may be overlap of the new course with existing courses or areas of strong concern, with instructions that they send comments directly to the originating Curriculum Committee. Please append a list of departments, schools, or divisions thus consulted. This will be a unique graduate course, with no similarity to existing courses

Submitted by: within the school.

[Signature] Date 7/10/08
Department Chairman/Division Director

Date _____
Dean of Graduate School (when required)

Approved by: [Signature] Date 7/10/08
Dean

[Signature] Date 11/4/08
Chancellor/Vice-President

Date _____
University Enrollment Services

[Signature] [Signature]
[Signature] [Signature]
UPUI Curriculum Committee

After School/Division approval, forward the last copy (without attachments) to University Enrollment Services for initial processing, and the remaining four copies and attachments to the Campus Chancellor or Vice-President.

Course Syllabus for D878 Anatomy Teaching Practicum
A Proposed Graduate Course

Basic Course Information

Course Number and title: D878 Anatomy Teaching Practicum

Sponsoring Unit: Department of Anatomy and Cell Biology, Indiana University
School of Medicine

Instructor:

Laura Torbeck, PhD
Department of Surgery
545 Barnhill Drive, EH 244
Indianapolis, IN 46202
317-274-3162
ltorbeck@iupui.edu

Graduate Credit: 2 semester hours; may be repeated for up to 6 hours of credit

Terms Offered: Fall and Spring

Course Description and Rationale

As classically-trained anatomists retire and leave the workforce, they are not being replaced by newly-minted PhDs with the requisite training and career focus needed to maintain the teaching mission. The proposed course is designed to provide students with structured and supervised teaching experiences in Gross Anatomy, Histology, and Neuroscience, as well as critical reviews of all teaching duties. This course will be integral to the newly-approved Education Track PhD Program in Anatomy and Cell Biology and will be required of all students in the program. It will also be open to other biomedical graduate students who meet the prerequisites and desire teaching experience.

Educational Objectives

Students will serve as teaching assistants for medical and graduate courses in the anatomical disciplines. They will participate in all course aspects, including lectures, laboratory sessions, small group activities, and examinations.

At the completion of the course, students will be able to:

1. Select and prepare gross anatomical and microscopic anatomical materials that illustrate important structure-function relationships.
2. Assist medical and graduate students in their understanding of the human body by providing subject matter expertise, engaging students in dialog, and by guiding in-lab instructional activities.
3. Prepare and deliver effective lectures or other classroom/lab presentations under the mentorship of an experienced teacher.
4. Develop well-written lecture notes or other learning aids for students.
5. Create examination questions or other measures of educational assessment in accordance with best practices.
6. Lead small-group sessions and facilitate student-to-student interactions in a variety of learning encounters (e.g., lab sessions, Team-Based Learning, Problem-Based Learning, etc.).
7. Integrate clinically-relevant information with underlying basic science principles.
8. Understand the role of course director and appreciate the challenges of administrative course management.

Course Content

Students will serve as teaching assistants in any of the following anatomy courses: *D501 Functionally-Oriented Human Gross Anatomy*; *D503 Gross Anatomy for Medical Students*; *D502 Basic Histology*; *D504 Histology for Medical Students*; *D527 Neuroanatomy*; *D505 Neuroscience and Clinical Neurology*; or any of the comparable courses offered at the eight regional campuses of the IU School of Medicine.

The specific class schedule will vary by course but, in general, anatomy classes are usually organized into weekly didactic and laboratory sessions. For example, Histology classes are typically scheduled for 4 hours per week in lecture and 2 hours per week in lab. Gross Anatomy courses are typically scheduled for considerably more time in lab (e.g., 8 hours per week).

Students enrolled in *Anatomy Teaching Practicum* will be required to assist in all laboratory sessions, including practical exams. Students will be encouraged to attend as many lectures and other course activities as their schedules allow. In addition, each student must complete at least two of the following activities:

1. Deliver a class lecture
2. Lead a lecture review session
3. Present a laboratory demonstration
4. Lead a small-group session (e.g., Problem-Based Learning)

Students will meet weekly with Dr. Torbeck and/or the anatomy course director to review educational activities of the past week and plan for the next week. During this time, each student will receive feedback and guidance about his/her teaching performance.

Recommended Text

There is no required text, but students will be encouraged to purchase: Neil Whitman. *Creative Medical Teaching*. University of Utah School of Medicine, 1990.

Evaluation and Grading

The grade for *Anatomy Teaching Practicum* will be based on the following weighted components:

- Quality of student-presented lectures or review sessions, as assessed by Dr. Torbeck and/or the anatomy course director, and the students in the class (20%)
- Quality of student-led laboratory or small-group instruction, as assessed by Dr. Torbeck and/or the anatomy course director, and the students in the class (40%)
- Quality of self-reflective essay for inclusion into Teaching Portfolio, as assessed by Dr. Torbeck and/or the anatomy course director (40%)

The self-reflective essay about the teaching experience should be approximately 1 to 2 pages long (single spaced). The individual should examine specific teaching activities that seemed to have a positive impact on the students, and reflect on whether his/her teaching helped students achieve their learning goals. For example, were there some activities/teaching

events that did NOT have the impact desired, and are there ways the activity could be improved in the future? The individual should also focus on the future – if he/she teaches this course again, how would he/she improve one's teaching? How would one get the students more involved? Were there areas for improvement that the individual would like to work on? How did this teaching experience help shape the individual's thoughts about teaching and learning in general?

Each component will be ranked on a 4 point scale (1 = poor, 2 = fair, 3 = good, 4 = excellent) and a weighted average obtained. Regular letter grades (A-F) will be assigned.

Bibliography

Not applicable

Cheating and Plagiarism

Faculty are required to report all incidents of academic misconduct to the Dean of Students. For information about policies and procedures, including due process requirements, see the *Code of Student Rights, Responsibilities, and Conduct*. The document is available at <http://www.life.iupui.edu/rights/docs/CodeofConduct.pdf>. Students found guilty of academic misconduct will face serious consequences, including the possibility of expulsion.

Americans with Disabilities Act

If you need any special accommodations due to a disability, please contact Adaptive Educational Services at (317) 274-3241. The office is located in CA 001E.