

COURSE NUMBER: **GRE 60612**

Effective and Exciting Teaching in Social Sciences and Humanities (2 cr.)

Daniel Myers, Sociology

Date: T/W, July 5 & 6, 9:00 am to Noon
R/F, July 7 & 8, 9:00 am to 1:00 pm
M/T, July 11 & 12, 9:00 am to Noon
W/R, July 13 & 14, 9:00 am to 1:00 pm

Course Description: This course is designed for graduate students who want to be prepared for classroom teaching and increase their classroom effectiveness. The course introduces the logic of and mechanics for developing an effective repertoire of teaching techniques. Topics include:

- How to give an engaging and effective lecture.
- How to run dynamic discussions.
- The advantages and dangers of using technology in class.
- How to design exams and writing assignments, and how to grade them.
- Working with teaching assistants.
- Designing a class and syllabus
- Creating a teaching portfolio



UNIVERSITY OF NOTRE DAME

COURSE NUMBER: GRE 60640

Designing and Teaching Your First Biology or Chemistry Course (1 cr.)

David R. Hyde, Biological Sciences

Date: M/T/R, May 23, 24 & 26
1:00 to 5:00 pm

Course Description: This course is for continuing graduate students, primarily in Biology and Chemistry, who want to improve their effectiveness in teaching in the science classroom and laboratory. It is also intended as a preparation for those graduate students who intend to have a significant teaching component in their future career. Topics covered will include:

- Steps in progressing from being a graduate student to a faculty member
- Developing the fundamental tools for your first class
- Learning to deliver clear lectures
- Fostering critical thinking and problem solving skills
- Incorporating collaborative learning
- Using technology well
- Designing laboratory experiments

Students will be asked to actively participate in the course through discussions, designing and delivering short lectures, and short writing assignments. This course is required for the completion of the **Teaching Development Certification Program in Biological Sciences**



Kaneb Center for
Teaching and Learning

GRADUATE STUDENTS...

TAKE A GRADUATE
COURSE THIS SUMMER
ON COLLEGE AND
UNIVERSITY TEACHING



**CONTACT YOUR DEPARTMENT
FOR GRADUATE SCHOOL
FUNDING INFORMATION:**

For Registration Information,
Please see...
2011 SUMMER SESSIONS
[http://registrar.nd.edu/
registration_summer.shtml](http://registrar.nd.edu/registration_summer.shtml)

COURSE NUMBER: GRE 60601

Preparing for an Academic Career in
Physics, Math, and Engineering (1 cr.)

Christopher F. Kolda, Physics

Date: T/W/R/F, May 24, 25, 26 & 27
9:00 am to Noon

Course Description: This course will cover major issues in teaching and career development for students in science, mathematics, and engineering. Topics to be discussed include:

- Preparing for an academic career
- Finding academic employment
- How academia works: postdocs, networking, publishing, and tenure
- Teaching science, mathematics, and engineering at a university
- Course and syllabus design
- How to engage students in the classroom
- How to gauge student learning
- Balancing teaching and research

Students will be expected to give a short presentation on a topic of their choice within their own disciplines.



COURSE NUMBER: GRE 60501

Teaching Engineering Tutorials and
Laboratories (1 cr.)

Steven Schmid, Aerospace & Mechanical Eng.

Date: T/W, August 9 & 10
9:00 am to 4:00 pm

Course Description: This course is intended for Teaching Assistants in engineering disciplines. It will address aspects of professionalism, learning styles, classroom procedures, characteristics of Notre Dame undergraduates, sensitivity to diversity, etc. A short presentation of a topic in your discipline is a course requirement.

COURSE NUMBER: GRE 60641

Active Teaching and Learning (1 cr.)

Julianne Bruneau, English, Goshen College

Date: M/T/W/R, June 6, 7, 8 & 9
9:00 a.m. to Noon

Course Description: This course invites graduate students of all disciplines to explore the many roles questions can take in the classroom and how we can provoke good questions and answers from our students by asking good questions. Participants will read and discuss research on such topics as wait time, “authentic” questions, and ways to address different intelligences and levels of proficiency. The class participants will then apply the ideas discussed in the course to generate tests, homework, and discussion questions for their own subject area classes.

COURSE NUMBER: GRE 60610

How to Teach Effectively and Prepare for
an Academic Career in the Humanities &
Social Sciences (1 cr.)

Joseph P. Wawrykow, Theology

Date: M/T/R/F, May 30 & 31, June 2 & 3
1:00 to 4:00 pm

Course Description: There are a number of issues relating to the culture of academic life that are typically left unaddressed in formal course work and degree programs, but which are of concern for those who plan to spend their careers in academic life. The course introduces doctoral students, especially those in the humanities and social sciences, to a number of these in an effort to promote professional development. The course is built around four major areas:

- Academic positions and expectations
- Teaching and teaching skills
- Research
- Service

We will explore a wide range of topics for each of these areas, including the preparation of a C.V., an explanation of the tenure process, syllabus construction, the use of technology in teaching, setting up a research agenda, participation in professional societies, external grants, citizenship in the university and society, and principles for a successful career. The course emphasizes the practical requirements of the professor. It is designed for those on the job market, but is open to any who want to learn about the requirements of academia.