Welcome Back  
September ‘08

Independent Research (395) Courses: Getting Started

What are Independent Research Courses?
Independent Research (395) courses allow students in B.A. and B.S. tracks to gain research experience in the laboratories of program faculty during the school year and earn academic credit for their work.

The “395” course numbers are to be used for hands-on, bench-work type research, typically conducted in laboratories located on River Campus or at the Medical Center. The 395-courses are not to be used for clinical study or reading courses.

How to Register Courses: New Form Needed
Two forms are now needed to register a 395 course:
1. Independent Study (IS) Form - available at CAS or UPBM Office
2. Independent Research (395) Course Registration Form (Please Note that form is downloadable and please e-mail if feasible)

Finding Research Mentors (Faculty): New Resources Available
Research mentors must be a full-time members of the UR Teaching Faculty.

The key to finding research mentors is to network with faculty and major advisors. To help students connect with mentors (faculty) in their area interest the Biology department has collected some resources to help students locate faculty and can be viewed on-line at: http://www.rochester.edu/college/BIO/UPBM/upbmindres_DepartmentalFacultyListing.htm

Registration form submission deadlines are as follows:
- 4-credit course: end of 3rd week of classes
- 3-credit course: end of 5th week of classes
- 2-credit course: end of 7th week of classes

Please note that research mentors must initial the start-date if submitted after the deadline. Both forms should be submitted to the UPBM office.

For Information on 395 Course Guidelines visit the UPBM Independent Research website at: http://www.rochester.edu/college/BIO/UPBM/upbmindres2.htm
Transferring Courses from Other Colleges and Universities

Just a reminder to students that took courses at other institutions over the summer to make sure that a course approval form was submitted for the course and to have the credits transferred. Only credits from courses with a C+ or better will transfer. For more information on transferring credits to U of R visit: http://www.rochester.edu/College/CCAS/TransferCredit.html or contact the UPBM Administrator.

Study Abroad Opportunities for Science & Engineering Majors

Learn which Courses in the sciences and engineering are available on study abroad programs by visiting: http://www.rochester.edu/College/BIO/UPBM/4_StudyAbroadScienceMajorOps.htm

Juniors: deKiewiet Summer Fellowship

The de Kiewiet Summer Research Fellowships are designed to give University of Rochester students in the B.S. and B.A. Tracks in the Program in Biology and Medicine an opportunity to obtain substantial research experience in the laboratories of Program Faculty. The Faculty in the Program includes all members of the following departments along with many faculty from other biomedical departments: Biology, Biochemistry and Biophysics, Microbiology and Immunology, Neurobiology and Anatomy, Neuroscience, Oral Biology, Pharmacology and Physiology. Students in their junior year are invited to submit competitive applications.

De Kiewiet Fellows work for ten weeks during June, July and August in the lab of their research mentor, give an oral presentation of their work near the end of the 10 weeks and present a poster in the UPBM Poster Symposium in October of their fellowship year. Fellows receive a stipend for the fellowship period. This year the deadline for submission will be Friday, March 13th. For more information visit: deKiewiet website. See deKiewiet fellows from 2008.

Seniors: Graduation / Pictures for Senior Slide Show

The Senior Slide Show is a Biology Department tradition viewed annually at the end-of-year diploma ceremony. Throughout the year please feel free to e-mail any pictures for the slide show to the UPBM Administrator.

Seniors: Planning for a Degree with Distinction in Research?

The current requirements of the Undergraduate Program in Biology and Medicine for awarding levels of distinction to graduating majors in the B.A. or B.S. tracks are a minimum BIO GPA of 2.7 and a Senior Thesis. A senior thesis must be defended at an open meeting of the student’s advisory committee. The advisory committees usually consist of the research sponsor, the student’s academic advisor, and one faculty member appointed by the track coordinator. After the UPBM office notifies the students with the names of their advisory committee members, it is the responsibility of the student and his/her advisor to find a date/room to hold the examination.

Application forms requesting acceptance as a candidate for the degree with distinction in research can be obtained in the UPBM office or downloaded here (Degree with Distinction). For seniors graduating this year the submission deadline will be Friday, February 27th.

The UPBM office and track coordinators must receive the thesis in order to assemble the examining committee by April 15th. For further details visit the Degree with Distinction Website.

Changes to UPBM Course Offering this Fall

BIO 225 Lab in Ecology and Evolutionary Biology (4 credits) has been added to the UPBM Course Offerings this fall. Click on BIO 225 to view course description.

BIO 220 Advanced Cell Biology Course is being taught by a different Instructor (Dr. Welte) and is now being offered in the fall semester. Click on Bio 220 to view the new course description and pre-requisites.

BIO 265 Molecular Evolution will not be offered during the spring ’09 semester and will be re-offered during the spring ’10 semester.

Upcoming Events

September 8 (Monday) – Donut Talk
12:00 p.m. – 1:00, Hutchison 473
Dr. Gloria Culver, University of Rochester
"Studies of Ribosome Biogenesis: Form, Factors, Function"

September 15 (Monday) – Donut Talk
12:00 p.m. – 1:00, Hutchison 473
Dr. Eric Haag, University of Maryland
"Using Caenorhabditis nematodes to explore the evolution of sex, development, and the genome"

September 22 (Monday) - Donut Talk
12:00 p.m. – 1:00, Hutchison 473
Dr. Vera Gorbunova, University of Rochester
"Aging, genome stability, and evolution of anticancer mechanisms"

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September 29 (Monday) - Donut Talk
12:00 p.m. – 1:00 p.m. Hutchison 473
Dr. Ronen Schweitzer, Shriners Hospital for Children-Portland, Oregon & Oregon Health and Science University
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10/17/08 (Friday) - UPBM Poster Session
3:30 p.m. to 5:00 p.m., Computer Studies Building 209

Opportunities

Annual Biomedical Research Conference for Minority Students in Orlando Florida, 11/5-8, 2008, Call for Abstracts & Travel Award Applications. Application deadline 9/5/08 for more information visit: http://www.abrcms.org/page_conference3.html

Cold Spring Harbor Laboratory Watson School of Biological Sciences Undergraduate Research Program. For more Information visit: http://www.cshl.edu/URP/

National Institute of Allergy and Infectious Diseases (NIAID), Intramural NIAID Research Opportunities (INRO); for more information visit: http://www3.niaid.nih.gov/labs/training/inro/

UR Research Opportunity:
The Division of Plastic and Reconstructive Surgery is seeking motivated and professional undergraduate students who are interested in pursuing medical school to get involved with some clinical and potentially basic science research projects in our division on a voluntary basis.

We could use two to three student but we will "interview" for the positions. Time commitment would be two to ten hours per week depending on the project and student motivation/availability.

Interested students should contact Dr. Peter Koltz in the Division of Plastic Surgery at Peter_Koltz@urmc.rochester.edu for more information and if you have a resume please provide one.

Contact Us
We want to hear from you!
Send submissions and feedback to UPBM Administrator.

UPBM e-news is produced by the Department Of Biology, Undergraduate Program in Biology & Medicine during the academic year. You are receiving this message as a member of the UPBM community. Please do not forward this newsletter to other distribution lists. If you are receiving multiple copies or believe this message was sent to you in error, please contact the UPBM Administrator.

Show Us Your Research! 2008 UPBM Poster Session

Participate in the 2008 UPBM Poster Session. The poster session will be held on Friday, 10/17/08 from 3:30 p.m. to 5:00 p.m. in the Computer Studies Building Room 209. Interested qualified students should contact Marianne Arcoraci for more details.

Helpful Links

• Athletics
• Academic Support
• Dining
• Directory
• Facilities
• Libraries
• University Information Technology
• University Counseling Center
• Parking
• Security
• Society for Undergraduate Biology Students
• Student Employment