Course Schedule - Spring 2007

Biochemistry

199 ***Undergraduate Open Seminar*** Credit: 1 to 5 hours.
May be repeated.

CRN	Type	Section	Time	Days	Location	Instructor
10408	independent study		ARRANGED			
10408: Departmental Approval Required						

406 ***Gene Expression*** Credit: 3 hours.
Same as MCB 406. See MCB 406.

CRN	Type	Section	Time	Days	Location	Instructor
40986	lecture	1MS	09:00 AM - 09:50 AM	MWF	room 103 Mumford Hall	Shapiro, D; Mizzen, C
40986: 3 hoursSome seats reserved for departmental authorization only. If you cannot register because the course is full, please go to 420A Roger Adams Lab to sign up for wait list. Be prepared to provide UIN, Major and year.						

446 ***Physical Biochemistry*** Credit: 3 hours.
Physical properties of biological macromolecules, with special emphasis on proteins and nucleic acids; the use of physical methods for the characterization of such substances. Same as CHEM 472 and MCB 446. Prerequisite: CHEM 440 or CHEM 444; MCB 354 or MCB 450 or equivalent is recommended.

CRN	Type	Section	Time	Days	Location	Instructor
38713	lecture	A	11:00 AM - 12:20 PM	TR	room 161 Noyes Laboratory	Gennis, R; Crofts, A
38713: 3 hours						

455 ***Technqs Biochem & Biotech*** Credit: 4 hours.
Introduction to modern methods of experimentation with biochemical experimentation. Lectures and labs on the theory and practices underlying various methods and instrumentation. Includes protein purification and quantitative analyses, immunoassays, enzymology, protein and DNA sequencing, DNA arrays, Mass spectroscopy, and bioinformatics. Prerequisite: CHEM 232 or CHEM 236, or equivalent; credit in MCB 251 or equivalent, and BIOC 450 or MCB 354 or equivalent, or consent of instructor.

Students must register for one lab and one lecture section.

CRN	Type	Section	Time	Days	Location	Instructor
31674	laboratory	ABA	02:00 PM - 04:50 PM	MW	room 218 Noyes Laboratory	Grabner, G
39758	laboratory	ABB	02:00 PM - 04:50 PM	TR	room 218 Noyes Laboratory	Grabner, G
31676	lecture	AL1	01:00 PM - 01:50 PM	MW	room 229 Natural History Bldg	Grabner, G
31676: Students must register for one lab and this lecture section.						

460 ***Biochemistry Senior Seminar*** Credit: 3 hours.
Writing intensive course dealing with the technical literature, current issues, and current advances in Biochemistry. Graduate students may register, but priority will be given to undergraduate students. Prerequisite: Completion of the Campus Composition I general education requirement; MCB 354 and BIOC 455, or consent of instructor.

This course satisfies the General Education Criteria for a Advanced Composition course.

CRN	Type	Section	Time	Days	Location	Instructor
31681	lecture	A	10:00 AM - 10:50 AM	MWF	room 106B8 Engineering Hall	Dodson, R
31681: Advanced Composition course.						

492 ***Senior Thesis*** Credit: 2 to 6 hours.
Limited in general to seniors in biochemistry. BIOC 492 is recommended for all those who plan to do research and graduate study, and it is a prerequisite for graduation with distinction in biochemistry. Each student who desires to do thesis research must receive written permission from a member of the biochemistry faculty. Accordingly, prospective students are encouraged to contact the biochemistry staff in the term prior to registration in this course. Students must present a thesis to receive credit in this course. Registration of 10 hours over two terms is expected. No graduate credit. Prerequisite: MCB 354, MCB 406 and BIOC 455, or consent of instructor.

Students must present a thesis to receive credit in this course.

CRN	Type	Section	Time	Days	Location	Instructor
10409	independent study		ARRANGED			
10409: Departmental Approval Required						
10409: Enrollment is limited to seniors majoring in Biochemistry. Contact the BIOC office, room 420A RAL, or the instructor for the proper CRN.						

590 ***Individual Topics*** Credit: 1 to 16 hours.
Designed for students in biochemistry who wish to undertake individual studies of a non-Ph.D. thesis nature under the direction of a faculty member of the department. (Summer Session, 1 to 8 hours). Approved for both letter and S/U grading. Prerequisite: Consent of head of department.

CRN	Type	Section	Time	Days	Location	Instructor
31788	discussion-recitation	S	05:00 PM - 06:00 PM	T	room 401 Roger Adams Laboratory	Wraight, C
31788: 1 hoursBiochemistry Journal Club. This course is graded on a satisfactory/unsatisfactory basis. Registration is limited to 1st and 2nd year Biochemistry graduate students.						

595 ***Biochemistry Seminar*** Credit: 0 to 1 hours.
Students, faculty, and invited speakers present seminars and discussions on current research topics. Required of all Biochemistry Ph.D. students. May be repeated to a maximum of 12 hours. Approved for S/U grading only. Prerequisite: Graduate standing in Biochemistry.

Registration is limited to graduate students whose major is Biochemistry.

CRN	Type	Section	Time	Days	Location	Instructor
31789	lecture-discussion	A	04:00 PM - 05:50 PM	W	room 116 Roger Adams Laboratory	Wraight, C
31789: 1 hours						

599 ***Thesis Research*** Credit: 0 to 16 hours.
May be repeated. Approved for S/U grading only.

CRN	Type	Section	Time	Days	Location	Instructor
10411	independent study		ARRANGED			
10411: Instructor Approval Required						
10411: Enrollment is limited to graduate students majoring in Biochemistry. Contact the BIOC office, room 420A RAL, or the instructor for the proper CRN.						