

Course Schedule - Fall 2008

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						

440 **Physical Chemistry Principles** credit: 4 hours.
Same as CHEM 440. See CHEM 440.

CRN	Type	Section	Time	Days	Location	Instructor
50307	lecture	A	11:30 AM - 12:50 PM	TR	room 163 Noyes Laboratory	Oldfield, E
50307: Topic: Balanced Survey						
50308	lecture	B	10:00 AM - 11:50 AM	TR	room 124 Burrill Hall	Nair, S; Gennis, R; Agarwal, V
50308: Topic: Biological Perspective						

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
31449	laboratory	ABA	02:00 PM - 04:50 PM	MW	room 218 Noyes Laboratory	Grabner, G; Alt, R
31455	lecture	AL1	01:00 PM - 01:50 PM	MW	room 163 Noyes Laboratory	Grabner, G; Alt, R
31455: Students must register for BOTH the lecture and the laboratory (section A). Some seats reserved for departmental authorization only. To sign up on a Request List, come to room 420A Roger Adams Lab.						

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
49476	lecture	A	03:00 PM - 04:20 PM	TR	room 401 Roger Adams Laboratory	Palacio, K
49476: Advanced Composition course. Departmental Approval Required						
49476: Priority registration in this course is given to Biochemistry seniors. To sign up on a Request List if extra seats become available, come to room 420A Roger Adams Lab.						

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
10410	independent study		ARRANGED			
10410: Departmental Approval Required						

39765	lecture	S	05:00 PM - 05:50 PM	T	room 401 Roger Adams Laboratory	Wraight, C; Spies, M
39765: 1 hours Biochemistry 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
29719	lecture-discussion	A	04:00 PM - 05:50 PM	W	room 116 Roger Adams Laboratory	Wraight, C
29719: 1 hours						

599 **Thesis Research** credit: 0 to 16 hours.

Approved for S/U grading only. May be repeated.

CRN	Type	Section	Time	Days	Location	Instructor
10411	independent study		ARRANGED			
10411: Departmental 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.						