

# Course Schedule - Fall 2005

## Biochemistry

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

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

455 **Technqs Biochem & Biotech** Credit: 4 hours.

(BIOCH 355) 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	AB1	02:00 PM - 05:00 PM	WF	room 218 Noyes Laboratory	Grabner, G; Yuan, J; Zelin, E; Thu, T; Kokhan, O; Baskar, D; Pratico, E; Hellmann, R; Siuti, N
31455	lecture	AL1	01:00 PM - 01:50 PM	WF	room 217 Noyes Laboratory	Grabner, G
31455: Students must register for the same laboratory and lecture section (A or B). Some seats reserved for departmental authorization only.						
31452	laboratory	BB1	02:00 PM - 05:00 PM	TR	room 218 Noyes Laboratory	Grabner, G; Yuan, J; Zelin, E; Thu, T; Kokhan, O; Baskar, D; Pratico, E; Hellmann, R; Siuti, N
31457	lecture	BL1	01:00 PM - 01:50 PM	TR	room 217 Noyes Laboratory	Grabner, G
31457: Students must register for the same laboratory and lecture section (A or B). Some seats reserved for departmental authorization only.						

492 **Senior Thesis** Credit: 2 to 6 hours.

(BIOCH 292) 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						

**590 Individual Topics** Credit: 1 to 16 hours.

(BIOCH 490) 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	Roger Adams Laboratory	Sligar, S
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.

(BIOCH 495) 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.

(BIOCH 499) May be repeated. Approved for S/U grading only.

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