Biochemistry

Biochemistry
Head of Department: Susan A. Martinis
Department Office: 419 Roger Adams Laboratory, 600 South Mathews Avenue, Urbana
Phone: 217-333-2013
//mcb.illinois.edu/departments/biochemistry/

BIOC 190  **Biochemistry Orientation**  credit: 1 hours.
Lectures designed to acquaint biochemistry majors with the various specializations available in the field, career exploration procedures, and a wide range of opportunities of special interest to biochemistry students. Prerequisite: Biochemistry Specialized Curriculum majors, transfers and first year freshmen only.

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<tr>
<th>CRN</th>
<th>Type</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>65699</td>
<td>Discussion/Recitation</td>
<td>A</td>
<td>04:00 PM - 04:50 PM</td>
<td>M</td>
<td>1024 - Chemistry Annex</td>
<td>Goldberg, J</td>
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</table>

Restricted to Biochemistry major(s).
This class will meet through Nov. 7, 2017. Lectures designed to acquaint the biochemistry major with the various specializations available in the field, career exploration procedures, and a wide range of opportunities of special interest to biochemistry students. Questions should be directed to the Department of Biochemistry at biocug@mcb.illinois.edu.

BIOC 199  **Undergraduate Open Seminar**  credit: 1 TO 5 hours.
Approved for both letter and S/U grading. May be repeated.

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<tbody>
<tr>
<td>10408</td>
<td>Independent Study</td>
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Departmental Approval Required

BIOC 290  **Individual Topics**  credit: 1 TO 5 hours.
Laboratory work and/or reading in fields selected in consultation with an appropriate faculty member. May be repeated in separate terms to a maximum of 10 hours. Prerequisite: Consent of instructor.

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<tbody>
<tr>
<td>59028</td>
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Instructor Approval Required
Please go to the Biochemistry office in 419A RAL for the proper CRN.

BIOC 440  **Physical Chemistry Principles**  credit: 4 hours.
Same as CHEM 440. See CHEM 440.
**Biochemistry Senior Seminar**  credit: 3 hours.

Writing intensive course dealing with the technical literature, current issues, and current advances in Biochemistry. 3 undergraduate hours. 3 graduate hours. 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

**CRN**  | **Type**    | **Section** | **Time**                | **Days** | **Location**                | **Instructor**             
---|---|---|---|---|---|---
49476 | Lecture | A | 03:30 PM - 04:50 PM | TR | ARR - Roger Adams Laboratory | Shapiro, D

Advanced Composition course.
Departmental Approval Required
Priority registration in this course is given to Biochemistry seniors. To sign up on a Request List if extra seats become available, email biocug@mcb.illinois.edu.

**Biochemistry 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. 2 to 6 undergraduate hours. No graduate credit. Prerequisite: MCB 354 and BIOC 455, or consent of instructor.

**CRN**  | **Type**       | **Section** | **Time**                | **Days** | **Location**                | **Instructor**             
---|---|---|---|---|---|---
10409 | Independent Study | | ARRANGED - | | | 

Departmental Approval Required
Enrollment is limited to seniors majoring in Biochemistry. Contact the BIOC office, room 419A RAL, or the instructor for the proper CRN.

**Biochemistry Analytical Biochemical Literature**  credit: 2 hours.

Same as MCB 555. See MCB 555.

**CRN**  | **Type**       | **Section** | **Time**                | **Days** | **Location**                | **Instructor**             
---|---|---|---|---|---|---
54963 | Laboratory-Discussion | A | 01:00 PM - 01:50 PM | M | ARR - Roger Adams Laboratory | Martinis, S

Departmental Approval Required
This course will meet in 419 Roger Adams Laboratory.

**BIOC 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. Approved for S/U grading only. May be repeated. (Summer Session, 1 to 8 hours). Prerequisite: Consent of head of department.

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<td>10410</td>
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Departmental Approval Required

**BIOC 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. Approved for S/U grading only. May be repeated to a maximum of 12 hours. Prerequisite: Graduate standing in Biochemistry.

Registration is limited to graduate students whose major is Biochemistry.

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<tr>
<td>29719</td>
<td>Lecture-Discussion</td>
<td>A</td>
<td>12:00 PM - 12:50 PM</td>
<td>F</td>
<td>B102 - Chemical and Life Sci Lab</td>
<td>Martinis, S</td>
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<tr>
<td></td>
<td>Lecture-Discussion</td>
<td>A</td>
<td>04:00 PM - 05:50 PM</td>
<td>W</td>
<td>116 - Roger Adams Laboratory</td>
<td>Martinis, S</td>
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Credit Hours: 1 hours
Restricted to students in the Biochemistry department.
Restricted to Graduate - Urbana-Champaign.

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<td>58278</td>
<td>Lecture-Discussion</td>
<td>JC</td>
<td>05:00 PM - 05:50 PM</td>
<td>T</td>
<td>ARR - Roger Adams Laboratory</td>
<td>Martinis, S</td>
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Credit Hours: 1 hours
Biochemistry Journal Club
Restricted to students in the Biochemistry department.
Restricted to Graduate - Urbana-Champaign.
Departmental Approval Required
Biochemistry Journal Club. this course is graded on a satisfactory/unsatisfactory basis. Registration is limited to 1st and 2nd year Biochemistry graduate students.

**BIOC 599  Thesis Research**  credit: 0 TO 16 hours.

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

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Departmental Approval Required
Restricted to Graduate - Urbana-Champaign.
Enrollment is limited to graduate students majoring in Biochemistry. Contact the BIOC office, room 419A RAL, or the instructor for the proper CRN.