

SYLLABUS – BIOC 190

Biochemistry Freshmen Orientation - Fall 2023

Mondays, 4 PM: start August 21

Room 2100 Sidney Lu Mechanical Engineering Bldg

1 credit hour

Course Description

Lectures designed to acquaint incoming Biochemistry students with how to navigate through the Biochemistry degree, a broad scope of career options, and a wide range of opportunities of special interest.

For freshmen and transfer students in the Biochemistry major. S/U grading only.

Co-Instructors: Dr. Satish Nair, Professor & Department Head

Melissa Michael, Assoc. Director for Curriculum & Instruction Program,
mmichae@illinois.edu, 244-6239, Room 127 Burrill Hall

There is no textbook requirement. Bring a notebook.

Course Design

Grades will be based on attendance and some homework. There will be no quizzes or exams. Lectures and guest lectures will be designed to encourage questions and comments from the students throughout the semester.

Grading

100% attendance & homework = S

1-2 excused absences (must be approved in advance by Instructor) = S

3 or more excused absences = U

1 or more unexcused absences = U

Due to the compressed nature of this class, it is essential that you come prepared to every class. Any unexcused absences or homework assignment may result in an unsatisfactory grade (U). If you must miss a class, be sure to contact Melissa Michael in advance at mmichae@illinois.edu.

To ensure that *disability-related concerns* are properly addressed from the beginning, students with disabilities who require assistance to participate in this class are asked to see the instructor as soon as possible.

Academic Integrity – According to the Student Code, ‘It is the responsibility of each student to refrain from infractions of academic integrity, from conduct that may lead to suspicion of such infractions, and from conduct that leads others in such infractions.’ Please know that it is my responsibility as an instructor to uphold the academic integrity policy of the University, which can be found [here](#).

Schedule (meet on Mondays – except Labor Day)

Monday #1 August 21 *Welcome, Introductions, Overview*

Professor Satish Nair, Department Head and **Ms. Alison Neff**, Coordinator for Biochemistry Undergraduate Program, Instructor and Academic Advisor, UIUC

Monday #2 August 28 *Biochemistry Degree and Advising tips*

Alison Neff, Coordinator for Biochemistry Undergraduate Program, Instructor and Academic Advisor, UIUC, **and Tina Knox**, Assistant Director for Advising and Recruitment, School of MCB, UIUC

Monday September 4 *Labor Day – NO CLASS*

Monday #3 September 11 – *Science Careers: Technology, Library and Corporate Worlds*

Dr. Heidi Imker – Director, Research Data Service; Associate Professor, University Library, UIUC

Monday #4 September 18 - *Study Abroad Opportunities in Biochemistry*

Melissa Michael, Associate Director Curriculum & Instruction, School of MCB, UIUC

Monday #5 September 25 - *Campus Safety & Science Careers in Law Enforcement*

Capt. Joseph McCullough Assistant Chief, Division of Public Safety, UIUC

Monday #6 October 2 - *Campus Resources –*

Alejandra Stenger, Assistant Director for Curriculum and Instruction + DEI; School of MCB, UIUC

Monday #7 October 9 - *Drug Discovery & Careers for Biochemists in the Biopharmaceutical Industry*

Dr. Keith Westcott, Retired from Amgen, PhD University of Illinois, Department of Biochemistry College of LAS Distinguished Alumni Service Awardee

Monday #8 October 16 - *Graduate School, Medical School and M.D. /Ph.D. Programs; Academic Careers & Professions in the Medical Field*

Dr. James Slauch, Professor and Head, Department of Microbiology, UIUC

Monday #9 October 23 - Preparation for Spring Registration/ICES link **LAST CLASS!**

Ms. Alison Neff, Coordinator for Biochemistry Undergraduate Program, Instructor and Academic Advisor, UIUC