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