

## 2022 Fall Molecular Biology

Class No.	Course No.	Title	Instructor	Day / Time / Room	Cr. Hrs.	Semester
17969	MBIOL 6500	Foundations of Molecular Biology	Scott Hale & Janet Lindsley	M, W, F / 9:00 AM – 11:00 AM / UNION 323	3.0	First Half Semester

This half-semester course welcomes students with diverse backgrounds and experiences to the University of Utah's graduate Molecular Biology Program. We strive to ensure that all students will have a strong foundation in nucleic acid metabolism, gene expression, protein structure and function, genetics, and cell biology as you start your first year of graduate school. Basic content will be provided as pre-work and in-class time will be spent applying these concepts to data interpretation, problem-solving and model-building. Content experts will join the course directors to ensure both a consistent course structure as well as cutting-edge expertise and an opportunity to meet several faculty. We will work to create a supportive learning environment where all students can actively participate.

5796 <i>or</i> 14836	MBIOL 7570	Case Studies and Research Ethics	Joyce Havstad	W / 4:00 PM – 5:20 PM / GC2900 (First Half)  W / 4:00 PM – 5:20 PM CTIHB 101 (Second Half)	1.0	First Half Semester <i>or</i> Second Half Semester
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An examination of research integrity and other ethical issues involved in scientific research. Topics may include scientific fraud, conflicts of interest, plagiarism and authorship designation, and the role of science in formulating social policy. This course is designed for graduate students, post-docs and regular faculty in the sciences.

*Choose first half or second half semester section*

7396	MBIOL 7960	Research Lab Rotations	-	-	2.0	Full Semester
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Laboratory rotations for students in the Graduate Program in Molecular Biology. A signed Rotation Verification Form and a copy of the rotation report must be submitted to the Program Office in order to receive a credit.

**Choose 2 Selectives (see selective list)** **Second Half Semester**

Students must be registered full time for between 9-12 graduate credit hours.

\*For questions regarding Fall courses please contact The Bioscience Program Office ([bioscience@genetics.utah.edu](mailto:bioscience@genetics.utah.edu))

**\* Classroom assignments may change between the time you register and when classes begin. Please check your class schedule for the latest classroom location information before attending class.**