

## 2023 Fall Molecular Biology

Class No.	Course No.	Title	Instructor	Day / Time / Room	Cr. Hrs.	Semester
13880	MBIOL 6500	Foundations of Molecular Biology	Scott Hale & Julia Brasch	M, W, F / 9:00 AM – 11:00 AM / EHSEB 1730	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.

**You will receive a permission code to register for MBIOL 6500**

12556	MBIOL 7570	Case Studies and Research Ethics	Joyce Havstad	W / 4:00 PM – 5:20 PM / EHSEB 1750	1.0	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.

**You will receive a permission code to register for MBIOL 7570**

21046	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 to receive a credit.

**US Citizens, please adjust the credit hour to 2.0. / International Students, please adjust the credit hour to 3.0**

<b>Choose 2 Selectives (see selective list)</b>	<b>Second Half Semester</b>
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Students must be registered full time for between 9-12 graduate credit hours.

\*For questions regarding Fall courses please contact Jaylynn Lerma ([jaylynn.lerma@utah.edu](mailto:jaylynn.lerma@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.**