<table>
<thead>
<tr>
<th>Class No.</th>
<th>Course No.</th>
<th>Title</th>
<th>Instructor</th>
<th>Cr. Hrs.</th>
<th>Semester</th>
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<tbody>
<tr>
<td>5249</td>
<td>MBIOL 6050</td>
<td>Faculty Research Interest Seminar</td>
<td>-</td>
<td>0.5</td>
<td>TBD</td>
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<tr>
<td>5247</td>
<td>MBIOL 6410</td>
<td>Protein &amp; Nucleic Acid Biochemistry</td>
<td>Sigala</td>
<td>2.0</td>
<td>First Half Semester</td>
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</table>

This course highlights faculty members and their research. Schedule will be announced in Fall.

**MWF 9:40-10:30 AM, ASB 210**

**5248**

MBIOL 6420  
G3: Genetics, Genomes, and Gene Expression  
Letsou  
3.0  
Full Semester

The Biochemistry course covers the structure and function of nucleic acids and proteins, as well as the thermodynamics and kinetics of their interactions with each other and with other biologically important molecules. It is expected that all students have taken an undergraduate course in Biochemistry, and you may find it useful to review chapters discussing the above-mentioned subjects in an undergraduate Biochemistry textbook. You will also need to have a basic working knowledge of kinetics and thermodynamics. (So, if you are not comfortable working with equilibrium constants, free energies, and rate constants, please review these topics in an undergraduate chemistry text.) There are no required texts for this class; readings from various texts will be made available to the class. Some professors may administer a pre-quiz at the start of their lectures to make sure you are adequately prepared for the material to be covered. To receive further details and updates, please contact eloertscher@genetics.utah.edu. For more information please go to: [http://www.bioscience.utah.edu/curriculum/corecourses.html](http://www.bioscience.utah.edu/curriculum/corecourses.html)

**MWF 10:45-11:35 AM, ASB 210**

**7253**

MBIOL 7570  
Scientific Integrity & Ethics of Science Research  
Figueroa/Washington  
1.0  
9/12/2018 to 11/14/2018

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. Aug 31 – Nov 2.

**W 4:00-5:30 PM, HSEB 1750**

**9408**

MBIOL 7960  
Research Lab Rotations  
-  
2.0  
Full Semester

For questions regarding Fall courses please contact Jessica Betenson in the Bioscience Program Office (jessica.betenson@utah.edu)