## 2014 Minicourses

(archive only)

<table>
<thead>
<tr>
<th>Module</th>
<th>Course Title</th>
<th>Course Number</th>
<th>Course Director</th>
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<tbody>
<tr>
<td>1</td>
<td>ER Quality Control</td>
<td>Biochem 210 3 units Peter Walter</td>
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<td>1</td>
<td>Modern Approaches to Evolution</td>
<td>Biochem 210 3 units Alexander</td>
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<td>1</td>
<td>Immunology and Genetics of Human Immunodeficiencies</td>
<td>Biomed Sci 270: Special Top</td>
<td>Grade option: S/U, Course Director: Anthony DeFranco</td>
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<tr>
<td>1</td>
<td>Scientific Software Development</td>
<td>BMI 219 3 units S/SU Tom Ferrin</td>
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<td>1</td>
<td>Protein Mass Spectrometry/Proteomics</td>
<td>BP 219 3 units S/SU AL Burlingame</td>
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<td>1</td>
<td>Protein misfolding diseases of the CNS from a biophysical perspective</td>
<td>BP 219 3 units S/SU Matt Jacobson</td>
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<td>1</td>
<td>GEMS: Introduction to Human Biology and Medicine</td>
<td>NS219: Topics in Basic or T</td>
<td>Grade option: S/U, Course Director: Andrew Leavitt</td>
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<tr>
<td>1</td>
<td>Interneuron Development</td>
<td>NS219: Topics in Basic or T</td>
<td>Grade option: S/U, Course Director: Sam Pleasure</td>
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<td>2</td>
<td>RNA silencing: the new adventures of Argonaute and Piwi</td>
<td>Biochem 210 3 units Hiten Madhani</td>
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<td>2</td>
<td>Epithelial-mesenchymal transition</td>
<td>Biochem 210 3 units Rik Derynck</td>
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<td>2</td>
<td>Cancer Immunology -- Science Breakthrough of the Year, 2013</td>
<td>Biomed Sci 270: Special Top</td>
<td>Grade option: S/U, Course Director: Cliff Lowell</td>
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<td>2</td>
<td>Introduction to Bioinformatics and Computer Programming for Biologists</td>
<td>Biomed Sci 270: Special Top</td>
<td>Grade option: S/U, Course Director: David Erle</td>
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<td>2</td>
<td>Epigenetics</td>
<td>Biomed Sci 270: Special Top</td>
<td>Grade option: S/U, Course Director: Robert Blelloch</td>
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<td>2</td>
<td>Protein Mechanism, Dynamics &amp; Computational Design</td>
<td>BP 219 3 units S/SU</td>
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<td>2</td>
<td>Cellular Cognition</td>
<td>BP 219 3 units S/SU</td>
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<td>Angiogenesis and Vascular Biology</td>
<td>DSCB 270 or Biomed Sci 270</td>
<td>Director: Matt Springer</td>
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<td>2</td>
<td>Basal Ganglia</td>
<td>NS219: Topics in Basic or T</td>
<td>Grade option: S/U, Course Director: Anatol Kreitzer</td>
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<td>2</td>
<td>Pharmacokinetics in Drug Development</td>
<td>PSPG 219 3 units/SU</td>
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<td>3</td>
<td>Classic Papers in Biology</td>
<td>Biochem 210 3 units Cynthia</td>
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<td>3</td>
<td>Genomics and Next-Generation Sequencing Applications in Microbiology</td>
<td>Biomed Sci 270: Special Top</td>
<td>Grade option: S/U, Course Director: Cliff Lowell</td>
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<td>Human Neuroscience: Systems to Psychosis</td>
<td>Biomed Sci 270: Special Top</td>
<td>Grade option: S/U, Course Director: Judith Ford</td>
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<td>3</td>
<td>Principles and Implications of Oncogene Addiction</td>
<td>Biomed Sci 270: Special Topics in Biomedical Sciences</td>
<td>S/U</td>
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<td>3</td>
<td>Information Theory in Biology</td>
<td>BP 219</td>
<td>S/U</td>
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<td>Molecular Animation and Visualization</td>
<td>BP 219</td>
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<td>Multicellular systems biology</td>
<td>CCB 219</td>
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<td>Stemness in Cancer</td>
<td>DSCB 270 or Biomed Sci 270</td>
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<tr>
<td>3</td>
<td>Neuroinflammation</td>
<td>NS219: Topics in Basic or Translational Neuroscience</td>
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<tr>
<td>3</td>
<td>Principles of Pharmacogenomics/AKA PSPG 245C</td>
<td>PSPG 219</td>
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