# UCSF Bioengineering Course Listing

## Winter 2017 Schedule

### Winter Quarter: January 9 – March 24, 2017

<table>
<thead>
<tr>
<th>Course</th>
<th>Day &amp; Time</th>
<th>Campus / Room</th>
<th>Instructor/s</th>
</tr>
</thead>
<tbody>
<tr>
<td>215 Rotation (3 units)</td>
<td>SF Faculty or SF Advisor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>250 Research (8 units)</td>
<td>SF Mentor or C. Schreiner</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>BioE 221</strong> Tissue Mechanobiology</td>
<td>M W</td>
<td>Parnassus</td>
<td>J. Lotz, T. Alliston, V. Weaver</td>
</tr>
<tr>
<td></td>
<td>3:30-5:00</td>
<td>S1156</td>
<td><a href="mailto:Jeffrey.Lotz@ucsf.edu">Jeffrey.Lotz@ucsf.edu</a>, <a href="mailto:tamara.alliston@ucsf.edu">tamara.alliston@ucsf.edu</a>, <a href="mailto:Valerie.Weaver@ucsfmedctr.org">Valerie.Weaver@ucsfmedctr.org</a></td>
</tr>
<tr>
<td><strong>BioE 241</strong> Metabolism and Magnetic Resonance Spectroscopy</td>
<td>M W (1/18 start)</td>
<td>Mission Bay</td>
<td>John Kurhanewicz</td>
</tr>
<tr>
<td></td>
<td>2:30 - 4:00</td>
<td>BH212</td>
<td><a href="mailto:john.kurhanewicz@ucsf.edu">john.kurhanewicz@ucsf.edu</a></td>
</tr>
<tr>
<td><strong>BioE 270</strong> (MTM) Translational Challenges: Diagnostics, Devices &amp; Therapeutics</td>
<td>W</td>
<td>Mission Bay</td>
<td>Shuvo Roy</td>
</tr>
<tr>
<td></td>
<td>4:30 - 7:30</td>
<td>BH 212</td>
<td><a href="mailto:shuvo.roy@ucsf.edu">shuvo.roy@ucsf.edu</a></td>
</tr>
<tr>
<td><strong>PSPG/CERSI Seminar Series</strong></td>
<td>2nd &amp; 4th T</td>
<td>Mission Bay</td>
<td>Simulcast to Parnassus N225</td>
</tr>
<tr>
<td></td>
<td>12-1:00</td>
<td>RH 102</td>
<td></td>
</tr>
<tr>
<td><strong>BBC Seminar Series</strong></td>
<td>TH</td>
<td>Mission Bay</td>
<td>Simulcast to Parnassus S161</td>
</tr>
<tr>
<td></td>
<td>12:00 – 1:00</td>
<td>GH Audi</td>
<td></td>
</tr>
<tr>
<td><strong>iPQB Journal Club &amp; Research Talks</strong></td>
<td>T</td>
<td>Mission Bay</td>
<td></td>
</tr>
<tr>
<td></td>
<td>12:00</td>
<td>GH Audi</td>
<td></td>
</tr>
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### Other Courses:

<table>
<thead>
<tr>
<th>Course</th>
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<th>Campus / Room</th>
<th>Contact instructor for class confirmation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anatomy 116 Gross Anatomy</td>
<td>W F 1-2:00 (Lab F 2-S S1320)</td>
<td>Parnassus HSW 302</td>
<td><a href="mailto:Annemarie.Donjacour@ucsf.edu">Annemarie.Donjacour@ucsf.edu</a> (Contact <a href="mailto:Derek.Harmon@ucsf.edu">Derek.Harmon@ucsf.edu</a> prior to enrolling)</td>
</tr>
<tr>
<td>BL 203 Imaging Probes for Nuclear and Optical Imaging</td>
<td>T Th</td>
<td>China Basin</td>
<td><a href="mailto:Henry_VanBrocklin@ucsf.edu">Henry_VanBrocklin@ucsf.edu</a> (Contact instructor prior to enrolling)</td>
</tr>
<tr>
<td></td>
<td>10:00-11:30</td>
<td>Lobby 6, 331</td>
<td></td>
</tr>
<tr>
<td>BL 204 Principles of Diagnostic and Therapeutic Ultrasound</td>
<td>M W</td>
<td>China Basin</td>
<td><a href="mailto:David.Saloner@ucsf.edu">David.Saloner@ucsf.edu</a> (Contact instructor prior to enrolling)</td>
</tr>
<tr>
<td></td>
<td>10:30-12:00</td>
<td>Lobby 6, 331</td>
<td></td>
</tr>
<tr>
<td>BL 211 MR Pulse Sequences</td>
<td>T 12:00-1:30</td>
<td>China Basin</td>
<td><a href="mailto:roland.krug@ucsf.edu">roland.krug@ucsf.edu</a> (Contact instructor prior to enrolling)</td>
</tr>
<tr>
<td>Starts 1/10/2017, Thursday</td>
<td>Th 3:30-5:00</td>
<td>Lobby 6, 3rd Fl 331</td>
<td></td>
</tr>
<tr>
<td>BI 230 Vascular Imaging</td>
<td>M W</td>
<td>China Basin</td>
<td><a href="mailto:David.Saloner@ucsf.edu">David.Saloner@ucsf.edu</a> (Contact instructor prior to enrolling)</td>
</tr>
<tr>
<td>Contact instruction for permission to enroll</td>
<td>9:00-10:30</td>
<td>Lobby 6, 331</td>
<td></td>
</tr>
<tr>
<td>BI 265 Image Processing and Analysis II</td>
<td>M Th 1-2:00</td>
<td>China Basin</td>
<td><a href="mailto:Xiaojuan.Li@ucsf.edu">Xiaojuan.Li@ucsf.edu</a> (Contact instructor prior to enrolling)</td>
</tr>
<tr>
<td></td>
<td>W Lab 1-4</td>
<td>Lobby 6, 331</td>
<td></td>
</tr>
<tr>
<td>BMS 225B Investigating Human Biology and Disease</td>
<td>M W Th</td>
<td>Parnassus</td>
<td><a href="mailto:GouldD@vision.ucsf.edu">GouldD@vision.ucsf.edu</a> (for permission to enroll contact <a href="mailto:Ned.molyneaux@ucsf.edu">Ned.molyneaux@ucsf.edu</a>)</td>
</tr>
<tr>
<td></td>
<td>2-3:30</td>
<td>CL 221 &amp; 222</td>
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### Continue Other Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS 255</td>
<td>Basic Genetics and Genomics</td>
<td>M Th</td>
<td>4-5:30</td>
<td>Parnassus N-217</td>
<td>C. Vaisse</td>
<td><a href="mailto:vaisse@medicine.ucsf.edu">vaisse@medicine.ucsf.edu</a></td>
</tr>
<tr>
<td></td>
<td>(for permission to enroll contact <a href="mailto:Ned.molyneaux@ucsf.edu">Ned.molyneaux@ucsf.edu</a>)</td>
<td>F 3:30-5:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biophysics 204B</td>
<td>Macromolecular Structure &amp; Interactions (Macro/Methods)</td>
<td>M-W-F</td>
<td>2-3:30</td>
<td>Mission Bay BH215</td>
<td>R. Stroud</td>
<td><a href="mailto:stroud@msg.ucsf.edu">stroud@msg.ucsf.edu</a></td>
</tr>
<tr>
<td>BMI 203</td>
<td>Biocomputing Algorithms</td>
<td>M 2:30-3:30</td>
<td></td>
<td>Mission Bay BH215</td>
<td>R Hernandez</td>
<td><a href="mailto:Ryan.Hernandez@ucsf.edu">Ryan.Hernandez@ucsf.edu</a></td>
</tr>
<tr>
<td>BPS 134</td>
<td>Research Design &amp; Statistics in Drug Development</td>
<td>T 3-5</td>
<td></td>
<td>Parnassus S 172</td>
<td>N. Sambol</td>
<td><a href="mailto:Nancy.Sambol@ucsf.edu">Nancy.Sambol@ucsf.edu</a></td>
</tr>
<tr>
<td>BPS 272A</td>
<td>Advanced Drug Delivery</td>
<td>M 5:30-7:30PM</td>
<td></td>
<td>Mission Bay MH 2107</td>
<td>F. Szoka</td>
<td><a href="mailto:Frank.Szoka@ucsf.edu">Frank.Szoka@ucsf.edu</a></td>
</tr>
<tr>
<td>RAD ONC 235B</td>
<td>Radiation Therapy Physics II</td>
<td>Th 4:00-7:00</td>
<td></td>
<td>Mission Bay MH 1105</td>
<td>A. Cunha</td>
<td><a href="mailto:Adam.Cunha@ucsf.edu">Adam.Cunha@ucsf.edu</a></td>
</tr>
</tbody>
</table>

### Additional Course Information and Resources

- **Academic Calendar**  
  [UWSC Registrar](http://student.ucsf.edu/gencat/index.html)
- **Schedule of Classes**  
  [https://saa.ucsf.edu/courseschedule/](https://saa.ucsf.edu/courseschedule/)
- **BioEngineering, UCSF (BioE)**  
  [http://bioegrad.berkeley.edu/currentgrads](http://bioegrad.berkeley.edu/currentgrads)
- **Biophysics (BP)**  
  [http://biophysics.ucsf.edu/seminars-events](http://biophysics.ucsf.edu/seminars-events)
- **BMI**  
  [http://bioinformatics.ucsf.edu/degree-program/courses](http://bioinformatics.ucsf.edu/degree-program/courses)
- **Biomedical Imaging, MS Program (MSBI or BI)**  
  [http://radiology.ucsf.edu/education/graduate-programs/mbi-program/curriculum](http://radiology.ucsf.edu/education/graduate-programs/mbi-program/curriculum)
- **Biomedical Sciences (BMS)**  
  [https://bms.ucsf.edu/](https://bms.ucsf.edu/)
- **Career & Professional Development Center, UCSF**  
  [http://career.ucsf.edu](http://career.ucsf.edu)
- **Ethics Courses (RCR)**  
  [http://career.ucsf.edu/ethics-and-responsible-conduct-research](http://career.ucsf.edu/ethics-and-responsible-conduct-research)
- **Masters Biomedical Imaging (MSBI), Radiology**  
  [http://www.radiology.ucsf.edu/education/graduate-programs/mbi-program/curriculum](http://www.radiology.ucsf.edu/education/graduate-programs/mbi-program/curriculum)
- **Masters Translational Medicine (MTM)**  
  [http://bioeng.berkeley.edu/mtm/program](http://bioeng.berkeley.edu/mtm/program),  
  [http://bioeng.berkeley.edu/mtm/electives](http://bioeng.berkeley.edu/mtm/electives)
- **Quantitative Biosciences Consortium (QBC)**  
  [http://qbc.ucsf.edu/about](http://qbc.ucsf.edu/about),  
  [QBC Journal Club](http://biophysics.ucsf.edu/seminars-events/qbc-journal-club)
- **QB3, CA Institute for Quantitative Biosciences UCB/UCSC/UCSF**  
- **Study List Filing**  
  [UWSC Registrar's Online Services](http://registrar.ucsf.edu/registration/study-list-filing)

sjt/courses/UCSFwinter2017 schedule12/20/2016