## UCSF Bioengineering Course Listing

### Winter Quarter: January 8 – March 23, 2018

<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>BioE 221 Tissue Mechanobiology</td>
<td>M W 3:30-5:00</td>
<td>M-Parnassus S1156 W- Mission Bay MH2106-1/17 1406</td>
<td>J. Lotz, T. Alliston, V. Weaver TA <a href="mailto:devantehome@berkeley.edu">devantehome@berkeley.edu</a></td>
</tr>
<tr>
<td>BioE 241 Metabolism and Magnetic Resonance Spectroscopy</td>
<td>M W 3:30 - 5:00</td>
<td>Mission Bay</td>
<td>John Kurhanewicz <a href="mailto:john.kurhanewicz@ucsf.edu">john.kurhanewicz@ucsf.edu</a></td>
</tr>
<tr>
<td>BioE 270 (MTM) Translational Challenges: Diagnostics, Devices &amp; Therapeutics</td>
<td>W 5:00-7:00pm</td>
<td>Mission Bay BH 212</td>
<td>Shuvo Roy <a href="mailto:shuvo.roy@ucsf.edu">shuvo.roy@ucsf.edu</a> , Cathy Tralau-Stewart <a href="mailto:Catherine.Tralau-Stewart@ucsf.edu">Catherine.Tralau-Stewart@ucsf.edu</a> , Yiqi Cao, TA, <a href="mailto:yiqi.s.cao@gmail.com">yiqi.s.cao@gmail.com</a></td>
</tr>
<tr>
<td>PSPG/CERSI Seminar Series</td>
<td>2nd &amp; 4th T 12:00-1:00</td>
<td>Mission Bay and RH 102</td>
<td>Simulcast to Parnassus N225</td>
</tr>
<tr>
<td>BBC Seminar Series</td>
<td>TH 12:00 – 1:00</td>
<td>Mission Bay GH Audi</td>
<td>Simulcast upon request <a href="mailto:nicole.flowers@ucsf.edu">nicole.flowers@ucsf.edu</a></td>
</tr>
<tr>
<td>iPQB Journal Club &amp; Research Talks</td>
<td>T 12:00</td>
<td>Mission Bay GH Audi</td>
<td></td>
</tr>
</tbody>
</table>

### Other Courses:

#### Anatomy 116 Gross Anatomy
- **Last year offered**
- **W F 1-2:00** Parnassus HSW 302
  - Contact instructor for class confirmation Annemarie.Donjacour@ucsf.edu (Contact Derek.Harmon@ucsf.edu prior to enrolling)

#### BI 203 Imaging Probes for Nuclear and Optical Imaging
- **T Th 9:30 – 11:00** China Basin Lobby 6, 331
  - Contact instructor prior to enrolling Henry.VanBrocklin@ucsf.edu

#### BI 204 Principles of Diagnostic and Therapeutic Ultrasound
- **M W 10:00-12:00** China Basin Lobby 6, 331
  - Contact instructor prior to enrolling David.Saloner@ucsf.edu

#### BI 211 MR Pulse Sequences
- **T 11:30** China Basin Lobby 6, 331
- **Th 3:30-5:00** China Basin Lobby 6, 331
  - Contact instructor prior to enrolling roland.krug@ucsf.edu

#### BI 230 Vascular Imaging
- **M W 9:00-10:30** China Basin Lobby 6, 331
  - Contact instructor prior to enrolling David.Saloner@ucsf.edu

#### BI 265 Image Processing and Analysis II
- **T 1:30-2:00** China Basin
- **W 1:00-2:00** Lobby 6, 331
- **TH 1:00-3:00** Lobby 6, 331
  - Contact instructor prior to enrolling Susan.Noworowski@ucsf.edu

#### BMI 203 Biocomputing Algorithms
- **M 2:30-3:30** Mission Bay BH-209
- **W F 10:30-12** BH-209
  - R Hernandez Ryan.Hernandez@ucsf.edu
Continue Other Courses:  Contact instructor for class confirmation

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor Email Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS 225B</td>
<td>Investigating Human Biology and Disease</td>
<td>M W Th</td>
<td>2:00-3:30</td>
<td>Parnassus CL 221 &amp; 222</td>
<td><a href="mailto:GouldD@vision.ucsf.edu">GouldD@vision.ucsf.edu</a></td>
</tr>
<tr>
<td></td>
<td>Starts 1/8/2018</td>
<td></td>
<td></td>
<td></td>
<td>(for permission to enroll contact <a href="mailto:Ned.molyneaux@ucsf.edu">Ned.molyneaux@ucsf.edu</a>)</td>
</tr>
<tr>
<td>BMS 255</td>
<td>Basic Genetics and Genomics</td>
<td>W Th 4-5:30, F 3:30-5</td>
<td>Parnassus N 217</td>
<td>Contact <a href="mailto:Ned.molyneaux@ucsf.edu">Ned.molyneaux@ucsf.edu</a></td>
<td></td>
</tr>
<tr>
<td></td>
<td>First day of class Mon 1/8/18.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BPS 134</td>
<td>Research Design &amp; Statistics in Drug Development</td>
<td>T 3-5</td>
<td>Parnassus</td>
<td>Parnassus S 172</td>
<td><a href="mailto:Nancy.Sambol@ucsf.edu">Nancy.Sambol@ucsf.edu</a></td>
</tr>
<tr>
<td>Biophysics 204B</td>
<td>Macromolecular Structure &amp; Interactions (Macro/Methods)</td>
<td>M W F</td>
<td>1:00-2:30</td>
<td>Mission Bay GH S204</td>
<td><a href="mailto:stroud@msg.ucsf.edu">stroud@msg.ucsf.edu</a></td>
</tr>
<tr>
<td>Biophysics 205B</td>
<td>Complex Systems Biology</td>
<td>T TH F</td>
<td>3:00-5:00</td>
<td>Mission Bay GH S204</td>
<td><a href="mailto:Steven.Altschuler@ucsf.edu">Steven.Altschuler@ucsf.edu</a></td>
</tr>
</tbody>
</table>

Additional Course Information, Resources, Links

If a link doesn’t work try copy and paste

Academic Calendar  UCSF Registrar

All Course Catalog, UCSF Registrar- http://student.ucsf.edu/gencat/index.html
Schedule of Classes  https://saa.ucsf.edu/courseschedule/

BioEngineering, UCSF (BioE) - http://bioeng.berkeley.edu/currentgrads  Courses

Biopharmaceutical Sciences (BPS, PSPG) - Pharmaceutical Sciences and Pharmacogenomics
Biophysics (BP) - http://biophysics.ucsf.edu/seminars-events
BMI - http://bioinformatics.ucsf.edu/degree-program/courses
Biomedical Imaging, MS Program (MSBI or BI) - http://radiology.ucsf.edu/education/graduate-programs/mbi-program/curriculum
Biomedical Sciences (BMS)  Biomedical Sciences https://bms.ucsf.edu/
Career & Professional Development Center, UCSF - http://career.ucsf.edu
Ethics Courses (RCR) - http://career.ucsf.edu/ethics-and-responsible-conduct-research
Masters Biomedical Imaging (MSBI or BI), Radiology - 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/electives

Other UCSF  Graduate Programs

Quantitative Biosciences Consortium (QBC) - 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 - https://qb3.org/events/

Study List Filing, UCSF Registrar’s Online Services - http://registrar.ucsf.edu/registration/study-list-filing

UCSF Deadlines