# UCSF Bioengineering Course Listing

## Winter 2019 Schedule

**Winter Quarter:** January 7 – March 20, 2020

<table>
<thead>
<tr>
<th>Course</th>
<th>Day &amp; Time</th>
<th>Campus / Room</th>
<th>Instructor/s</th>
</tr>
</thead>
<tbody>
<tr>
<td>BioE 215 Rotation</td>
<td>T TH</td>
<td>Mission Bay MH 2207</td>
<td>SF Faculty or SF Advisor</td>
</tr>
<tr>
<td>BioE 250 Research</td>
<td></td>
<td>Mission Bay</td>
<td>SF Mentor or C. Schreiner</td>
</tr>
<tr>
<td>BioE 241 Metabolism and Magnetic Resonance Spectroscopy</td>
<td>T TH 11:30 - 1:00</td>
<td>Mission Bay MH 2207</td>
<td>John Kurhanewicz <a href="mailto:jk@ucsf.edu">jk@ucsf.edu</a></td>
</tr>
<tr>
<td>BioE 270 (MTM) Translational Challenges: Diagnostics, Devices &amp; Therapeutics</td>
<td>W 5:00-7pm</td>
<td>Mission Bay</td>
<td>Shuvo Roy <a href="mailto:shuvo.roy@ucsf.edu">shuvo.roy@ucsf.edu</a>, Contact Instructor prior to enrolling</td>
</tr>
<tr>
<td>Responsible Conduct of Research (RCR-PS)</td>
<td>T or Th 3:00 - 4:30</td>
<td>T Mission Bay MH 1400 TH Parnassus N721 1/14 – 2/27/2020</td>
<td>Registration link RCR course Due 1/3 online</td>
</tr>
<tr>
<td>PSPG/CERSI Seminar Series</td>
<td>W 12:00-1:00</td>
<td>Mission Bay and RH 102</td>
<td>Simulcast to Parnassus N-217</td>
</tr>
<tr>
<td>BBC Seminar Series</td>
<td>Th 12:00 – 1:00</td>
<td>Mission Bay GH Audi</td>
<td>Live stream link upon request contact <a href="mailto:nicole.flowers@ucsf.edu">nicole.flowers@ucsf.edu</a></td>
</tr>
<tr>
<td>iPQB Journal Club &amp; Research Talks</td>
<td>F 12:00</td>
<td>Mission Bay GH N114</td>
<td></td>
</tr>
</tbody>
</table>

### Other Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Day &amp; Time</th>
<th>Campus / Room</th>
<th>Instructor/s</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI 203 Imaging Probes for Nuclear and Optical Imaging</td>
<td>T TH 9:30-11:00</td>
<td>Lobby 6, 331</td>
<td><a href="mailto:Henry.VanBrocklin@ucsf.edu">Henry.VanBrocklin@ucsf.edu</a> (Contact instructor prior to enrolling)</td>
</tr>
<tr>
<td>BI 204 Principles of Diagnostic and Therapeutic Ultrasound</td>
<td>M W 10:30-12:00</td>
<td>Lobby 6, 331</td>
<td><a href="mailto:David.Saloner@ucsf.edu">David.Saloner@ucsf.edu</a> (Contact instructor prior to enrolling)</td>
</tr>
<tr>
<td>BI 211 MR Pulse Sequences</td>
<td>T TH 2:00-3:30</td>
<td>Lobby 6, 331</td>
<td><a href="mailto:roland.krug@ucsf.edu">roland.krug@ucsf.edu</a> (Contact instructor prior to enrolling)</td>
</tr>
<tr>
<td>BI 230 Vascular Imaging</td>
<td>M W 9:00-10:30</td>
<td>Lobby 6, 331</td>
<td><a href="mailto:David.Saloner@ucsf.edu">David.Saloner@ucsf.edu</a> (Contact instructor prior to enrolling)</td>
</tr>
<tr>
<td>BI 265 Image Processing and Analysis II</td>
<td>M 3:00-4:30</td>
<td>Lobby 6, 331</td>
<td><a href="mailto:Janine.Lupo@ucsf.edu">Janine.Lupo@ucsf.edu</a></td>
</tr>
<tr>
<td>BMI 203 Biocomputing Algorithms</td>
<td>M 2:30-3:30</td>
<td>Mission Bay</td>
<td><a href="mailto:sali@saliab.org">sali@saliab.org</a></td>
</tr>
<tr>
<td>BMS 225B Investigating Human Biology and Disease</td>
<td>M W Th 2:00-3:30</td>
<td>Parnassus CL 221 &amp; 222</td>
<td><a href="mailto:Saul.Villeda@ucsf.edu">Saul.Villeda@ucsf.edu</a> For permission to enroll contact <a href="mailto:Ned.molyneaux@ucsf.edu">Ned.molyneaux@ucsf.edu</a></td>
</tr>
<tr>
<td>BMS 255 Basic Genetics and Genomics</td>
<td>M TH F 9:00-11:00</td>
<td>Parnassus N 729, HSW302 varies</td>
<td><a href="mailto:Christian.Vaisse@ucsf.edu">Christian.Vaisse@ucsf.edu</a> For permission to enroll contact <a href="mailto:Ned.molyneaux@ucsf.edu">Ned.molyneaux@ucsf.edu</a></td>
</tr>
</tbody>
</table>
BPS 112 Statistics  W  tbc  TBA  For permission to enroll contact-  Jim.Lightwood@ucsf.edu

Biophysics 204B  M W F  Mission Bay  stroud@msg.ucsf.edu
Macromolecular Structure &  9:00- 10:30  BH215  Interactions (Macro/Methods)

Biophysics 205B Complex Systems  M W F  Mission Bay  Contact for enrollment-
Biology (single cell genomics)  3:00-5:00  GH S204  Hani.Goodarzi@ucsf.edu

Additional UCSF Course Information / Resources / Links  If a link doesn’t work copy and paste url

Academic Calendar  UCSF Registrar  https://registrar.ucsf.edu/
All Course Catalog  UCSF Registrar-  http://student.ucsf.edu/gencat/index.html
Schedule of Class  https://saa.ucsf.edu/courseschedule/  cut and paste url

BioEngineering, UCSF (BioE) -  Courses  https://biograd.berkeley.edu/currentgrads
BEAST  https://biograd.berkeley.edu/currentgrads/beast

Biopharmaceutical Sciences (BPS, PSPG) -  https://pspg.ucsf.edu/
Biophysics (BP) -  http://biophysics.ucsf.edu/seminars-events
BMI -  http://bioinformatics.ucsf.edu/degree-program/courses
Biomedical Imaging, MS Program (MSBI or BI) Radiology -  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
Individual Development Plan (IDP)  https://career.ucsf.edu/phds/myIDP

Masters Translational Medicine (MTM) -  http://bioeng.berkeley.edu/mtm/program
http://bioeng.berkeley.edu/mtm/electives

Mini Courses Spring  http://minicourses.ucsf.edu/  Open spaces for BioE Students will be announced, pre-
approval to enroll required.

Other UCSF  Graduate Programs
Quantitative Biosciences Consortium (QBC) -  http://qbc.ucsf.edu/about
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  https://registrar.ucsf.edu/registration/deadlineshome

Courses Outside of UCSF:
Intercampus Exchange  https://registrar.ucsf.edu/registration/intercampus-exchange
allows graduate students to take courses on another campus of the university while remaining registered on the home
campus. It provides the opportunity for contact with scholars, fields of study, and facilities not available on the home
campus.

SF Consortium  https://registrar.ucsf.edu/current-former-students/registration/sf-consortium
Regularly enrolled, full-time matriculated students of a San Francisco Consortium member institution may register for
credit in courses offered by other member institutions with the consent of their faculty adviser and consent of the host
institution instructor, as space is available in the desired class. City College of San Francisco, University of San
Francisco, San Francisco State University, University of California, San Francisco, Hastings College of the Law,
Golden Gate University.

Stanford Exchange  https://registrar.ucsf.edu/current-former-students/registration/stanford-exchange
enables a regularly enrolled, full-time, matriculated students to take courses on the host campus that are not available
at the home institution. Whenever possible, arrangements should be made between appropriate faculty representatives
on both campuses to assure that courses will be available to students. No charge applies to the student on either
institution.