

## UCSF Bioengineering Course Listing

## Winter 2019 Schedule

Winter Quarter: January 7 – March 22, 2019

<b>Course</b>	<b>Day &amp; Time</b>	<b>Campus / Room</b>	<b>Instructor/s</b>
<b>215 Rotation</b> (3 units)			SF Faculty or SF Advisor
<b>250 Research</b> (8 units)			SF Mentor or C. Schreiner
<b>BioE 221</b> Tissue Mechanobiology	M W 3:30-5:00	<b>M</b> Mission Bay 1/7 MH1109 <b>W</b> Parnassus TBA	J. Lotz, T. Alliston, V. Weaver TA <a href="mailto:ayad@berkeley.edu">ayad@berkeley.edu</a>
<b>BioE 241</b> Metabolism and Magnetic Resonance Spectroscopy	M W 2:30 - 4:00	Mission Bay BH211 *varies	John Kurhanewicz <a href="mailto:john.kurhanewicz@ucsf.edu">john.kurhanewicz@ucsf.edu</a>
<b>BioE 270</b> (MTM) Translational Challenges: Diagnostics, Devices & Therapeutics	W 5:00-7pm	Mission Bay MH 1407	Shuvo Roy <a href="mailto:shuvo.roy@ucsf.edu">shuvo.roy@ucsf.edu</a> , <a href="mailto:Catherine.Tralau-Stewart@ucsf.edu">Catherine.Tralau-Stewart@ucsf.edu</a> , TA <a href="mailto:oriane.matthys@gladstone.ucsf.edu">oriane.matthys@gladstone.ucsf.edu</a>
<b>BioE Berkeley Seminar Series</b> Simulcast to UCSF	W 12:00-1:00	Mission BayGHs202 Parnassus S170	Beast Coordinators <a href="#">BioE Seminars</a>
<b>Responsible Conduct of Research (RCR-PS)</b>	T or Th 12-1:30	T Mission Bay TBA Th Parnassus TBA	Registration link <a href="#">RCR course</a>
<b>PSPG/CERSI Seminar Series</b> <a href="http://pspg.ucsf.edu/seminars-events/pspg-seminar-series">http://pspg.ucsf.edu/seminars- events/pspg-seminar-series</a>	2 <sup>nd</sup> & 4 <sup>th</sup> T 12:00-1:00	Mission Bay and RH 102	<i>Simulcast to Parnassus N-217</i>
<b>BBC Seminar Series</b> <a href="http://bioinformatics.ucsf.edu/seminars-events/bbc-seminar-series">http://bioinformatics.ucsf.edu/seminars-events/bbc- seminar-series</a>	Th 12:00 – 1:00	Mission Bay GH Audi	<i>Simulcast upon request</i> <a href="mailto:nicole.flowers@ucsf.edu">nicole.flowers@ucsf.edu</a>
<b>iPQB Journal Club &amp; Research Talks</b> <a href="#">iPQB journal club &amp; research talks   Biophysics</a>	T 12:00	Mission Bay GH Audi	

### Other Courses:

### Contacts for class confirmation

<b>BI 203</b> Imaging Probes for Nuclear and Optical Imaging	T 9:30-10:30 TH 10-11:30	China Basin Lobby 6, 331	<a href="mailto:Henry.VanBrocklin@ucsf.edu">Henry.VanBrocklin@ucsf.edu</a> (Contact instructor prior to enrolling)
<b>BI 204</b> Principles of Diagnostic and Therapeutic Ultrasound	M W 10:30-11:30	China Basin Lobby 6, 331	<a href="mailto:David.Saloner@ucsf.edu">David.Saloner@ucsf.edu</a> (Contact instructor prior to enrolling)
<b>BI 211</b> MR Pulse Sequences	T 11:30-1 TH 3:30-5:00	China Basin Lobby 6, 331	<a href="mailto:roland.krug@ucsf.edu">roland.krug@ucsf.edu</a> (Contact instructor prior to enrolling)
<b>BI 230</b> Vascular Imaging <i>Contact instruction for permission to enroll</i>	M W 9:00-10:30	China Basin Lobby 6, 331	<a href="mailto:David.Saloner@ucsf.edu">David.Saloner@ucsf.edu</a> (Contact instructor prior to enrolling)
<b>BI 265</b> Image Processing and Analysis II	M 1:00-2:00 W 1:00-2:00 TH 1-3 Lab	*Start T 1/8/2019 China Basin Lobby 6, 331	<a href="mailto:Susan.Noworolski@ucsf.edu">Susan.Noworolski@ucsf.edu</a>
<b>BMI 203</b> Biocomputing Algorithms	M 2:30-3:30 W&F10:30-12	Mission Bay BH-215	<a href="mailto:sali@salilab.org">sali@salilab.org</a>

## Continue Other Courses:

## Contacts for class confirmation

<b>BMS 225B</b> Investigating Human Biology and Disease	M W Th 2:00-3:30	Parnassus CL 221 & 222	<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>
<b>BMS 255</b> Basic Genetics and Genomics	M TH 4-5:30, F 3:30-5:00	Parnassus N 217	<a href="mailto:Christian.Vaisse@ucsf.edu">Christian.Vaisse@ucsf.edu</a> Contact- <a href="mailto:Ned.molyneaux@ucsf.edu">Ned.molyneaux@ucsf.edu</a> for permission to enroll
<b>BPS 134</b> Research Design & Statistics in Drug Development	T 3:00-:005	Parnassus N 171 & N 729	<a href="mailto:Nancy.Sambol@ucsf.edu">Nancy.Sambol@ucsf.edu</a>
<b>BPS 272A</b> Advanced Drug Delivery	W 5:30-7:00	Mission Bay tba	<a href="mailto:Frank.Szoka@ucsf.edu">Frank.Szoka@ucsf.edu</a> contact- <a href="mailto:Nicole.Flowers@ucsf.edu">Nicole.Flowers@ucsf.edu</a>
<b>Biophysics 204B</b> Macromolecular Structure & Interactions (Macro/Methods)	M W F 9:00- 10:30	Mission Bay GH N114 varies	<a href="mailto:stroud@msg.ucsf.edu">stroud@msg.ucsf.edu</a>
<b>Biophysics 205B</b> Complex Systems Biology (single cell genomics) <a href="https://github.com/UCSFSystemsBio/BP205B_2019">https://github.com/UCSFSystemsBio/BP205B_2019</a>	T TH F 3:00-5:00	Mission Bay GH S204	<a href="mailto:Steven.Altshuler@ucsf.edu">Steven.Altshuler@ucsf.edu</a> Contact for enrollment- <a href="mailto:Hani.Goodarzi@ucsf.edu">Hani.Goodarzi@ucsf.edu</a>

## 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/genecat/index.html>

[Schedule of Classes](#) <https://saa.ucsf.edu/courseschedule/> cut and paste url

**BioEngineering, UCSF (BioE)** - [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) 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>

**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** -[Events](#) <https://qb3.org/events/>

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

**UCSF** [Deadlines](#)