

## UCSF Bioengineering Course Listing

## Winter 2017 Schedule

Winter Quarter: January 9 – March 24, 2017

<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	Parnassus S1156	J. Lotz, T. Alliston, V. Weaver <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>
<b>BioE 241</b> Metabolism and Magnetic Resonance Spectroscopy	M W (1/18 start) 2:30 - 4:00	Mission Bay BH212	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 4:30 - 7:30	Mission Bay BH 212	Shuvo Roy <a href="mailto:shuvo.roy@ucsf.edu">shuvo.roy@ucsf.edu</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 12-1:00	Mission Bay RH 102	and <i>Simulcast to Parnassus N225</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	and <i>Simulcast to Parnassus S161</i>
<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:

### Contact instructor for class confirmation

<b>Anatomy 116</b> Gross Anatomy	W F 1-2:00 (Lab F 2-5 S1320)	Parnassus HSW 302	<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)
<b>BI 203</b> Imaging Probes for Nuclear and Optical Imaging	T Th 10:00-11:30	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 10:30-12:00	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 <i>Starts 1/10/2017, Thursday</i>	T 12:00-1:30 Th 3:30-5:00	China Basin Lobby 6, 3 <sup>rd</sup> Fl 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 Th 1-2:00 W Lab 1-4	China Basin Lobby 6, 331	<a href="mailto:Xiaojuan.Li@ucsf.edu">Xiaojuan.Li@ucsf.edu</a> (Contact instructor prior to enrolling)
<b>BMS 225B</b> Investigating Human Biology and Disease	M W Th 2-3:30	Parnassus (1/9, 23, 30 in S214) CL 221 & 222	<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> )

**Continue Other Courses:****Contact instructor for class confirmation**

<b>BMS 255</b> Basic Genetics and Genomics	M Th 4-5:30 F 3:30-5:00	Parnassus Nursing N-217	C. Vaisse <a href="mailto:vaisse@medicine.ucsf.edu">vaisse@medicine.ucsf.edu</a> (for permission to enroll contact <a href="mailto:Ned.molyneaux@ucsf.edu">Ned.molyneaux@ucsf.edu</a> )
<b>Biophysics 204B</b> Macromolecular Structure & Interactions (Macro/Methods)	M W F M W 1- 2:30 F 2:00-3:30	Mission Bay BH215 BH209, GHS202,GHS261	R. Stroud <a href="mailto:stroud@msg.ucsf.edu">stroud@msg.ucsf.edu</a>
<b>BMI 203</b> Biocomputing Algorithms	M 2:30-3:30 W F 10:30-12	Mission Bay BH215	R Hernandez <a href="mailto:Ryan.Hernandez@ucsf.edu">Ryan.Hernandez@ucsf.edu</a>
<b>BPS 134</b> Research Design & Statistics in Drug Development	T 3-5 Th 1-3	Parnassus S 172	N. Sambol <a href="mailto:Nancy.Sambol@ucsf.edu">Nancy.Sambol@ucsf.edu</a>
<b>BPS 272A</b> Advanced Drug Delivery starts 1/9, additional date 3/10/17	M 5:30-7:30PM	Mission Bay MH 2107	F. Szoka <a href="mailto:Frank.Szoka@ucsf.edu">Frank.Szoka@ucsf.edu</a>
<b>RAD ONC 235B</b> Radiation Therapy Physics II	Th 4:00-7:00	Mission Bay MH 1105	A. Cunha <a href="mailto:Adam.Cunha@ucsf.edu">Adam.Cunha@ucsf.edu</a>

**Additional Course Information and Resources**

[Academic Calendar](#) **UCSF Registrar**

**All Course Catalog, UCSF 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/Courses>

**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)** <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), 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>

**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** - <http://qb3.org/>

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