

## UCSF Bioengineering Course Listing

## Winter 2015 Schedule

Winter Quarter: January 5 – March 20, 2015

<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 TBA	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 2:00-3:30	Mission Bay BH215	J. Kurhanewicz <a href="mailto:john.kurhanewicz@ucsf.edu">john.kurhanewicz@ucsf.edu</a>
<b>BioE 270</b> (MTM) Translational Challenges: Diagnostics, Devices & Therapeutics	T 5:00-7:00	Mission Bay BH 212	S. Roy <a href="mailto:shuvo.roy@ucsf.edu">shuvo.roy@ucsf.edu</a>
<b>BioE 280</b> (MTM) Clinical Shadowing ( <i>Contact instructor to enroll</i> )	<i>Contact instructor</i>	varies	M. Shuman, ( <i>Contact instructor to enroll</i> ) <a href="mailto:Marc.Shuman@ucsf.edu">Marc.Shuman@ucsf.edu</a>
<b>BioE - PSPG220</b> <b>Seminar Series</b>	T 2 <sup>nd</sup> & 4th 12:00 – 1:00	Mission Bay Rock Hall Audi <i>Simulcast Parnassus N217</i>	<a href="http://pspg.ucsf.edu/seminars-events/pspg-seminar-s">http://pspg.ucsf.edu/seminars- events/pspg-seminar-s</a>

<b>Other Courses:</b>	<b>Contact instructor for class confirmation</b>		
<b>Anatomy 116</b> Gross Anatomy *First Lab F 1/16	TTh1:00-2:00 Lab Th 2-4:30*	Parnassus HSW 302	<a href="mailto:Annemarie.Donjacour@ucsf.edu">Annemarie.Donjacour@ucsf.edu</a> ( <i>Contact instructor to enroll</i> )
<b>BI 203</b> Imaging Probes for Nuclear and Optical Imaging	T Th 10:00-11:30	China Basin 331	<a href="mailto:Henry.VanBrocklin@ucsf.edu">Henry.VanBrocklin@ucsf.edu</a> ( <i>Contact instructor to enroll</i> )
<b>BI 204</b> Principles of Diagnostic and Therapeutic Ultrasound	M W 10:30-12:00	China Basin 331	<a href="mailto:David.Saloner@ucsf.edu">David.Saloner@ucsf.edu</a> ( <i>Contact instructor to enroll</i> )
<b>BI 211</b> MR Pulse Sequences	T 1:00-2:30 Th 3:30-5:00	China Basin Lobby 6, 342	<a href="mailto:roland.krug@ucsf.edu">roland.krug@ucsf.edu</a> ( <i>Contact instructor to enroll</i> )
<b>BI 230</b> Vascular Imaging	M W 9:00-10:30	China Basin 331	<a href="mailto:David.Saloner@ucsf.edu">David.Saloner@ucsf.edu</a> ( <i>Contact instructor to enroll</i> )
<b>BI 265</b> Image Processing and Analysis II	M 1-2:00 W lab 1-4:00	China Basin Lobby 6, 331	<a href="mailto:Xiaojuan.Li@ucsf.edu">Xiaojuan.Li@ucsf.edu</a> ( <i>Contact instructor to enroll</i> )
<b>BMS 225B</b> Tissue and Organ Biology	M W Th 2-3:30	Parnassus Nursing N-217	<a href="mailto:GouldD@vision.ucsf.edu">GouldD@vision.ucsf.edu</a>
<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>
<b>Biophysics 204B</b> Macromolecular Structure & Interactions (Macro/Methods)	M W F M W 12:30- 2 F 2:00-3:30	Mission Bay BH215 BH-209/211/215	R. Stroud <a href="mailto:stroud@msg.ucsf.edu">stroud@msg.ucsf.edu</a>
<b>BMI 203</b> Biocomputing Algorithms	T Th 3-5	Mission Bay BH215	A. Jain <a href="mailto:ajain@jainlab.org">ajain@jainlab.org</a>
<b>BMI 208</b> Computational Evolutionary Genomics	M W 10:30-12 Th 10 -11	Mission Bay BH211	Ryan Hernandez <a href="mailto:Ryan.Hernandez@ucsf.edu">Ryan.Hernandez@ucsf.edu</a>

**BPS 272A Advanced Drug Delivery: Controlled and Targeted Drug Delivery**      W      Parnassus S 174      Frank Szoka  
[Frank.Szoka@ucsf.edu](mailto:Frank.Szoka@ucsf.edu)

**QBC/BBC JOURNAL Club**      T      Mission Bay GH Audi      Coordinator  
<http://bioinformatics.ucsf.edu/seminars-events/bbc-seminar-series>  
<http://qbc.ucsf.edu/seminars-events>      10:45      [Julia.Molla@ucsf.edu](mailto:Julia.Molla@ucsf.edu)

**[Additional Course Information / Resources:](#)**

**All Course Catalog, UCSF** - <http://student.ucsf.edu/genecat/index.html>

**BioChem & Biophysics online Calendar** - [http://biochemistry.ucsf.edu/seminars\\_MB.html](http://biochemistry.ucsf.edu/seminars_MB.html)

**Bioengineering UCSF (BioE)** - <http://bioegrad.berkeley.edu/currentgrads>

**BMI UCSF Courses** <http://bioinformatics.ucsf.edu/degree-program/courses>

**Biomedical Imaging (BI)** <http://radiology.ucsf.edu/education/graduate-programs/mbi-program/curriculum>

**Career Center, UCSF** - <http://career.ucsf.edu>

**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>

**CA Institute for Quantitative Biosciences (QB3) UCB/UCSC/UCSF** <http://qb3.ucsf.edu/education/classes.shtml>

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