

Academic Year 2008-2009
Bioengineering Master Teaching Schedule

Autumn 2008	Winter 2009	Spring 2009	Summer 2009
BIOEN 299: Intro to BIOE <i>Verdugo (1)</i>	BIOEN 201: BIOE Tools <i>Li/Thomas (2)</i>	BIOEN 299: Intro to BIOE <i>Verdugo (1)</i>	BIOEN 482: BIOE Research & Capstone Design (2-6)
BIOEN 302: Intro to Biomedical Instrumentation <i>Neils (4)</i>	BIOEN 303: Signal Processing <i>Gao/Neils (4)</i>	BIOEN 301: Bioe Systems Analysis <i>Pun/Lewis/Neils (4)</i>	BIOEN 499: Special Projects (2-6)
BIOEN 304: Intro to BIOE Analysis of Physiology I <i>Sauro/D. Ratner (4)</i>	BIOEN 305: Intro to BIOE Analysis of Physiology II <i>Regnier (4)</i>	BIOEN 357: Intro to Molecular BIOE <i>Bryers/Daggett (4)</i>	BIOEN 600: Independent Study or Research
BIOEN 420: Medical Imaging <i>Yuan (4)</i>	BIOEN 455: BioMEMS <i>Folch (4)</i>	BIOEN 440: Introduction to Biomechanics <i>Sanders (4)</i>	BIOEN 700: Master's Thesis
BIOEN 482: BIOE Research & Capstone Design (2-6)	BIOEN 467: Biochemical Engineering (w/ ChemE 467) <i>Banyex (3)</i>	BIOEN 457: Advanced Molecular BIOE <i>Stayton (4)</i>	BIOEN 800: Doctoral Thesis
BIOEN 485: Computational BIOE <i>Thomas (4)</i>	BIOEN 482: BIOE Research & Capstone Design (2-6)	BIOEN 481: BIOE Research & Capstone Design <i>Vaezy (4)</i>	
BIOEN 490: Engineering Materials for Biomedical Applications (w/ ChemE 490) <i>Horbett (3)</i>	BIOEN 491: Controlled Release <i>Pun (3)</i>	BIOEN 482: BIOE Research & Capstone Design (2-6)	
BIOEN 498: Neural Engineering <i>Folch (3)</i> <i>(offered under 499C)</i>	BIOEN 492/592: Surface Analysis <i>B. Ratner (3)</i>	BIOEN 498: Biotech & World Health <i>Mehary (4)</i>	
BIOEN 499: Special Projects (2-6)	BIOEN 498: Computational Protein Design <i>Daggett (4)</i>	BIOEN 498: BIOE & Nanotech <i>D. Ratner (3)</i>	
BIOEN 501: Molecular Bioengineering <i>Bryers (4)</i> <i>(offered under 599U)</i>	BIOEN 498: TBA <i>Pollack (4)</i>	BIOEN 498: Systems & Synthetic Biology <i>Sauro (3)</i>	
BIOEN 504: Studies in Technology Commercialization <i>B. Ratner (4)</i> <i>(offered under 599T)</i>	BIOEN 499: Special Projects (2-6)	BIOEN 498: Advanced Surface Analysis <i>Castner (3)</i>	
BIOEN 510: BIOE Seminar <i>Pollack (1)</i>	BIOEN 502: Cellular Bioengineering <i>Giachelli (4)</i>	BIOEN 499: Special Projects (2-6)	
BIOEN 511: Biomaterials Seminar (w/ Chem E 511) <i>B. Ratner (1)</i>	BIOEN 505: Studies in Technology Commercialization <i>Kim (4)</i>	BIOEN 503: Systems Bioengineering <i>Vicini (4)</i>	

BIOEN 516: Medical Imaging Seminar <i>Kim</i> (1) <i>(offered under 599X)</i>	BIOEN 509: Departmental Seminar <i>Bassingthwaighte</i> (1)	BIOEN 509: Departmental Seminar <i>Bassingthwaighte</i> (1)	
BIOEN 518: Nanotech Seminar (w/ Chem 597) <i>Castner</i> (1)	BIOEN 511: Biomaterials Seminar (w/ Chem E 511) <i>B. Ratner</i> (1)	BIOEN 511: Biomaterials Seminar (w/ Chem E 511) <i>Horbett</i> (1)	
BIOEN 550: Mass Transport and Exchange in Biological Systems <i>Bassingthwaighte</i> (3)	BIOEN 518: Nanotech Seminar (w/ Chem 597) <i>Castner</i> (1)	BIOEN 518: Nanotech Seminar (w/ Chem 597) <i>Castner</i> (1)	
BIOEN 579: Host Response to Biomaterials <i>Giachelli</i> (3)	BIOEN 520: Orthopedic Biomechanics <i>Ching</i> (1)	BIOEN 555: Molecular/Cellular Biomechanics <i>Pollack</i> (3)	
BIOEN 598: Research Rotations (2-6)	BIOEN 552: Microfabrication/Microfluidics <i>Yager</i> (3)	BIOEN 568: Image-Processing Computer Systems <i>Kim</i> (4)	
BIOEN 599: Advanced Drug Delivery <i>Pun</i> (3) <i>(offered under 599Z)</i>	BIOEN 553: Microfabrication/Microfluidics Laboratory <i>Yager</i> (2)	BIOEN 579: Host Response to Biomaterials <i>Giachelli</i> (3)	
BIOEN 599: BIOE Stats <i>Vicini</i> (4) <i>(offered under 599W)</i>	BIOEN 560: Ultrasound in Bioengineering <i>Vaezy</i> (4)	BIOEN 583: Frontiers in Nanotechnology (3)	
BIOEN 599: Bionanotechnology <i>Gao</i> (4) <i>(offered under 599A1)</i>	BIOEN 576: Protein Engineering <i>Stayton</i> (4)	BIOEN 598: Research Rotations (2-6)	
BIOEN 599: How the Brain Learns I <i>Medina</i> (4) <i>(offered under 599B)</i>	BIOEN 577: Cell & Protein Interaction <i>Horbett</i> (3)	BIOEN 599: Optical Tissue Interaction <i>Li</i> (4)	
BIOEN 600: Independent Study or Research	BIOEN 598: Research Rotations (2-6)	BIOEN 600: Independent Study or Research	
BIOEN 700: Master's Thesis	BIOEN 599: How the Brain Learns II <i>Medina</i> (4)	BIOEN 700: Master's Thesis	
BIOEN 800: Doctoral Thesis	BIOEN 600: Independent Study or Research	BIOEN 800: Doctoral Thesis	
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