

DATE: 07-06-2015
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UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 1,389

COLLEGE : O - Interschool or Col
 DEPARTMENT: BIOENGINEERING

CURRIC NUM	COURSE TITLE	EFFECTIVE	QUARTERS	CREDITS	OVER D		D	S H F			V L E E W					RESPONS	JOINT	O
					-ALL	U		GRD	E	U	N	E	P	&	N				C	M	S	N	C	R	I
BIOEN 215	BIOE PROBLEM SOLVING Introduction to Bioengineering Problem Solving	AUT/2010 - AUT/9999		3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 6/16/10		APPROVED: 6/15/10											
BIOEN 290	GUIDED STUDIES SCI Guided Independent Studies on Transformative Science	WIN/2013 - AUT/9999		4.0	.	.	.	.	.	.	.	Y	.	.	.	.	.
					LAST UPDT:11/07/12		APPROVED:10/16/12											
BIOEN 299	INTRO TO BIOENGR Introduction to Bioengineering	SPR/1975 - AUT/9999		1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHG GRADING				LAST UPDT: 6/15/07		APPROVED: 5/15/69											
BIOEN 315	BIOCH MOLEC BIOE Biochemical Molecular Engineering	SPR/2011 - AUT/9999		3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:EMAIL PREQ CHG				LAST UPDT: 2/23/11		APPROVED: 6/15/10											
BIOEN 316	SIGNALS AND SENSORS Biomedical Signals and Sensors	SPR/2015 - AUT/9999		4.0	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHG CREDITS, HRS				LAST UPDT:12/16/14		APPROVED: 6/15/10											
BIOEN 317	SIGNALS SENSORS LAB Biomedical Signals and Sensors Laboratory	AUT/2012 - AUT/9999		2.0	.	.	.	.	.	Y	.	.	.	.	.	.	.
	COMMENT:CHG FEE				LAST UPDT: 6/29/12		APPROVED: 6/15/10											
					FEE TYPE:1		\$30.00 BUDGET:099204 REV OBJ CD:943081											
BIOEN 325	BIOTRANSPORT I Biotransport I	AUT/2010 - SUM/2015		3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:12/16/14		APPROVED: 6/15/10											
BIOEN 325	BIOTRANSPORT I Biotransport I	AUT/2015 - AUT/9999		4.0	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHG CREDITS, PREQ, HRS				LAST UPDT:12/16/14		APPROVED: 6/15/10											
BIOEN 326	SOLID&GEL MECHANICS Solid and Gel Mechanics	SPR/2013 - SUM/2015		3.0	
	COMMENT:EMAIL PREQ CHG				LAST UPDT:12/16/14		APPROVED: 6/15/10											

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				-ALL U	GRD		U	GRD	E	U	N	E	P	&			
BIOEN 404	TEAM DESIGN I Bioengineering Team Design I	SPR/2010 - AUT/9999	3.0
				LAST UPDT: 3/17/10		APPROVED: 3/16/10											
BIOEN 405	TEAM DESIGN II Bioengineering Team Design II	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 3/17/10		APPROVED: 3/16/10											
BIOEN 410	BIOE HONORS SEM Bioengineering Honors Seminar	AUT/2010 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/19/10		APPROVED:10/19/10											
BIOEN 420	MEDICAL IMAGING Medical Imaging	SPR/2013 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHG DESC, PREQ			LAST UPDT: 1/16/13		APPROVED: 1/03/01											
BIOEN 423	INTRO SYNTH BIO Introduction to Synthetic Biology	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	E E	423 E E	423	.
	COMMENT:14-16 PREQ CHG			LAST UPDT: 9/19/14		APPROVED:11/17/09		CSE		486							
BIOEN 424	ADV SYNTHETIC BIO Advanced Systems and Synthetic Biology	AUT/2011 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	BIOEN 424 E E	424	.	
	COMMENT:EMAIL PREQ CHG, CHG DESC			LAST UPDT: 8/16/11		APPROVED:11/17/09		CSE		487							
BIOEN 425	LAB SYNTH BIO Laboratory Methods in Synthetic Biology	AUT/2009 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	E E	425 E E	425	.
				LAST UPDT: 1/27/10		APPROVED:11/17/09		CSE		488							
BIOEN 440	INTRO TO BIOMECH Introduction to Biomechanics	SPR/2001 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	BIOEN 440 M E	445	.	
	COMMENT:WAS BIOEN 445, CHG TITLES, CRD			LAST UPDT:12/07/00		APPROVED:12/30/98											
BIOEN 455	BIOMEMS BioMEMS	SPR/2012 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:EMAIL PREQ CHG			LAST UPDT: 3/09/11		APPROVED: 1/03/00											
BIOEN 457	ADV MOL BIOEN Advanced Molecular Bioengineering	SPR/2013 - AUT/9999	4.0
	COMMENT:EMAIL PREQ CHG			LAST UPDT: 4/01/14		APPROVED: 1/03/00											

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				-ALL U	GRD		U	N	E	P	& N	C	M	S			
BIOEN 467	BIOCHEMICAL ENGRING Biochemical Engineering	WIN/1988 - AUT/9999	3.0	CHEM E467	CHEM E467	.	
				LAST UPDT:10/04/94 APPROVED:12/17/87													
BIOEN 474	IMMUNOENGINEERING Immunoengineering	SPR/2015 - AUT/9999	3.0	.	.	.	.	Y	.	.	.	.	.	.	.	.
				LAST UPDT: 4/23/15 APPROVED: 4/21/15 FEE TYPE:0 \$0.00 BUDGET:000000 REV OBJ CD:0													
BIOEN 485	COMPUTATIONAL BIOEN Computational Bioengineering	SPR/2013 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/20/13 APPROVED: 1/03/00 COMMENT:CHG DESC, PREQ													
BIOEN 486	TISSUE ENGINEERING Tissue Engineering	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/16/14 APPROVED: 4/15/14													
BIOEN 487	BIOE & NANOTECH Bioengineering and Nanotechnology	AUT/2010 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/25/10 APPROVED: 8/24/10													
BIOEN 488	COMP PROTEIN DESIGN Computational Protein Design	AUT/2011 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/15/11 APPROVED: 3/15/11 COMMENT:EMAIL PREQ CHG													
BIOEN 490	ENG MATLS BIOMED AP Engineering Materials for Biomedical Applications	SPR/1978 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	BIOEN 490	CHEM E490	.
				LAST UPDT: 6/15/07 APPROVED: 9/23/71 COMMENT:NEW DESCRIPTION													
BIOEN 491	CONTROLLED REL SYS Controlled-Release Systems	WIN/2015 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	BIOEN 491	CHEM E491	.
				LAST UPDT: 4/16/14 APPROVED:11/17/77 COMMENT:CHG TITLES													
BIOEN 492	SURFACE ANALYSIS Surface Analysis	WIN/1989 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	BIOEN 492	CHEM E458	.
				LAST UPDT:10/04/94 APPROVED:12/17/87													
BIOEN 493	ADV SURFACE ANLYS Advanced Surface Analysis	AUT/2012 - AUT/9999	3.0	BIOEN 493	CHEM E493	.	
				LAST UPDT: 4/18/12 APPROVED: 4/17/12													

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				-ALL U	GRD		U	GRD	E	U	N	E	P	&			
BIOEN 494	ADV DRUG DELIVERY Advanced Drug Delivery	SPR/2014 - AUT/9999	3.0
				LAST UPDT: 4/16/14		APPROVED: 4/15/14											
BIOEN 497	BIOEN OUTREACH Bioengineering Education Outreach	SPR/2003 - AUT/9999	1.0-02.0	6.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/23/02		APPROVED:12/20/02											
BIOEN 498	SPECIAL TOPICS Special Topics	AUT/2008 - AUT/9999	1.0-06.0	15.0	.	.	.	.	Y	.	.	.	.	.	.	.	.
				LAST UPDT: 8/14/12		APPROVED: 8/19/08		FEE TYPE:1 \$37.00 BUDGET:068908 REV OBJ CD:943081									
BIOEN 499	SPECIAL PROJECTS Special Projects	WIN/2009 - AUT/9999	1.0-06.0	24.0	Y	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 5/19/08		APPROVED: 6/03/71		COMMENT:RESUME MAX CREDITS 5-20-08									
BIOEN 501	MOLEC BIOEN Molecular Bioengineering	SPR/2008 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/20/08		APPROVED: 2/19/08											
BIOEN 502	CELL BIOEN Cellular Bioengineering	SPR/2008 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/20/08		APPROVED: 2/19/08											
BIOEN 503	SYSTEMS BIOEN Systems Bioengineering	SPR/2008 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/20/08		APPROVED: 2/19/08											
BIOEN 504	INTRO TECH COMMERCN Introduction to Technology Commercialization	WIN/2009 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/19/09		APPROVED: 2/17/09											
BIOEN 505	BIOMED ENTRE Biomedical Entrepreneurship	AUT/2012 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 5/15/12		APPROVED: 2/17/09		COMMENT:CHG TITLES, PREQ									
BIOEN 506	APPLY TECH COMMERCN Applying Technology Commercialization	WIN/2013 - AUT/9999	1.0	.	CR/NC
				LAST UPDT: 5/29/12		APPROVED: 2/17/09		COMMENT:CHG GRADING, DESC, HRS									

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				-ALL	U		GRD	E	U	N	E	P	N	C			
BIOEN 508	CAREER PATH ACADEM Career Pathways in Academia	SUM/2008 - AUT/9999	1.5
				LAST UPDT: 8/01/14		APPROVED: 2/19/08											
BIOEN 509	BIOEN DEPT SEMINAR Bioengineering Departmental Seminar	AUT/2012 - AUT/9999	1.0	16.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:PERM DL			LAST UPDT: 9/27/12		APPROVED:11/18/08											
BIOEN 510	BIOENG SEMINARS Bioengineering Seminars	AUT/2005 - AUT/9999	1.0	Y	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHANGE CREDITS, CRS DESCRIPT'N			LAST UPDT: 8/01/14		APPROVED:12/15/83											
BIOEN 511	BIOMATERIAL SEMINAR Biomaterials Seminar	SPR/2010 - AUT/9999	1.0	18.0	.	CR/NC	.	.	.	.	.	.	.	BIOEN 511	CHEM E511	.	.
	COMMENT:CHG MAX CREDITS			LAST UPDT:12/15/09		APPROVED: 1/24/85											
BIOEN 513	TOPICS CARDIAC PHYS Current Topics in Cardiac Physiology	AUT/2008 - AUT/9999	1.0	3.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/17/08		APPROVED: 3/18/08											
BIOEN 516	MED IMAGING SEMINAR Medical Imaging Seminar	WIN/2009 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/18/09		APPROVED: 2/17/09											
BIOEN 518	NANOTECH SEMINAR Nanotechnology Seminar	AUT/2006 - AUT/9999	1.0	18.0	.	CR/NC	.	.	.	.	.	.	.	CHEM 597	CHEM 597	.	.
				LAST UPDT: 9/21/06		APPROVED: 9/21/06											
BIOEN 520	MUSCULOSKEL BIOMECH Musculoskeletal Biomechanics	SPR/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	BIOEN 520	M E 527	.	.
	COMMENT:CHG TTLS,JT STATUS, DES, PREQ			LAST UPDT: 3/19/14		APPROVED:12/06/93											
BIOEN 522	BIOMECH SOFT TISSUE Biomechanics of Soft Tissue	SPR/2008 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/20/08		APPROVED: 2/19/08											
BIOEN 523	INTRO SYNTH BIO Introduction to Synthetic Biology	AUT/2014 - AUT/9999	3.0	E E 523	CSE 586	.	.
	COMMENT:14-16 PREQ CHG			LAST UPDT: 9/19/14		APPROVED:11/17/09											

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					-ALL	U		GRD	E	U	N	E	P	&	N				C	M
BIOEN 574	IMMUNOENGINEERING Immunoengineering	SPR/2015 -	AUT/9999	3.0	Y		
					LAST UPDT: 4/23/15 APPROVED: 4/21/15															
					FEE TYPE:0 \$0.00 BUDGET:000000 REV OBJ CD:0															
BIOEN 576	PROTEIN ENGINEERING Laboratory Techniques in Protein Engineering	AUT/1993 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:12/08/93 APPROVED:12/06/93															
BIOEN 577	CELL PROTEIN REACTN Cell and Protein Reaction with Foreign Materials	SPR/1995 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 6/06/95 APPROVED: 4/17/95															
BIOEN 578	BIOMEMBRANES Biomembranes	AUT/1998 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 6/24/98 APPROVED: 6/23/98															
BIOEN 579	HOST RESP BIOMAT Host Response to Biomaterials	AUT/2001 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 7/06/01 APPROVED: 6/27/01															
BIOEN 585	COMPUTATIONAL BIOEN Computational Bioengineering	SPR/2013 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/20/13 APPROVED: 2/19/13															
BIOEN 586	TISSUE ENGINEERING Tissue Engineering	AUT/2014 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 4/16/14 APPROVED: 2/19/08															
					COMMENT:CHG DESC															
BIOEN 587	BIOE & NANOTECH Bioengineering and Nanotechnology	AUT/2010 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 8/25/10 APPROVED: 8/24/10															
BIOEN 588	COMP PROTEIN DESIGN Computational Protein Design	SPR/2011 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 3/15/11 APPROVED: 3/15/11															
BIOEN 590	ADV BIOMATERIALS Advanced Topics in Biomaterials	SPR/1986 -	AUT/9999	3.0		
					LAST UPDT:10/04/94 APPROVED:11/25/85															
																BIOEN 590 CHEM E590	.			

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				-ALL U	GRD		U	N	E	P	& N	C	M	S			
BIOEN 591	CONTROLLED REL SYS Controlled Release Systems	WIN/2015 - AUT/9999	3.0
				LAST UPDT: 4/16/14		APPROVED: 4/15/14											
BIOEN 592	SURFACE ANALYSIS Surface Analysis	WIN/1985 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	BIOEN 592 CHEM E558	.	.	.
				LAST UPDT:10/04/94		APPROVED:10/25/84											
BIOEN 593	ADV SURFACE ANLYS Advanced Surface Analysis	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	BIOEN 593 CHEM E593	.	.	.
				LAST UPDT: 4/18/12		APPROVED: 4/17/12											
BIOEN 594	ADV DRUG DELIVERY Advanced Drug Delivery	SPR/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/16/14		APPROVED: 4/15/14											
BIOEN 598	RESEARCH ROTATION Research Rotation	SPR/2008 - AUT/9999	1.0-10.0	30.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/20/08		APPROVED: 2/19/08											
BIOEN 599	SPEC TOPICS BIOENG Special Topics in Bioengineering	SUM/2011 - AUT/9999	1.0-06.0	30.0	Y	.	.	.	Y	.	.	.	.	.	.	.	.
				LAST UPDT: 4/16/14		APPROVED:11/18/76											
				COMMENT:CHG MAX CREDITS		FEE TYPE:1		\$37.00		BUDGET:068908		REV OBJ CD:943081					
BIOEN 600	INDEPN DNT STDY/RSCH Independent Study or Research	SPR/2012 - AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/16/12		APPROVED:12/18/81											
				COMMENT:CHG GRADING													
BIOEN 601	INTERNSHIP Internship	SUM/2013 - AUT/9999	1.0-10.0	10.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/05/13		APPROVED: 6/04/13											
BIOEN 700	MASTER'S THESIS Master's Thesis	SPR/2012 - AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/16/12		APPROVED:12/18/81											
				COMMENT:CHG GRADING													
BIOEN 800	DOCTORAL DISSERTATN Doctoral Dissertation	SPR/2012 - AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/16/12		APPROVED: 4/25/85											
				COMMENT:CHG GRADING													

