

DATE: 10-12-2015
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UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 1,383

COLLEGE : O - Interschool or Col
 DEPARTMENT: BIOENGINEERING

CURRIC NUM	COURSE TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D		D	S H F			V L E E W					RESPONS COURSE	JOINT COURSES	O M I T
				-ALL U	GRD		U	P	N	E	M	R	A	S				C	M	S	N
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	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				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	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/15/07		APPROVED: 5/15/69											
				COMMENT:CHG GRADING													
BIOEN 315	BIOCH MOLEC BIOE Biochemical Molecular Engineering	SPR/2011 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/23/11		APPROVED: 6/15/10											
				COMMENT:EMAIL PREQ CHG													
BIOEN 316	SIGNALS AND SENSORS Biomedical Signals and Sensors	SPR/2015 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/16/14		APPROVED: 6/15/10											
				COMMENT:CHG CREDITS, HRS													
BIOEN 317	SIGNALS SENSORS LAB Biomedical Signals and Sensors Laboratory	AUT/2012 - AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/23/15		APPROVED: 6/15/10											
				COMMENT:CHG FEE													
				FEE TYPE:1		\$30.00		BUDGET:099204		REV		OBJ		CD:943081			
BIOEN 325	BIOTRANSPORT I Biotransport I	AUT/2015 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/16/14		APPROVED: 6/15/10											
				COMMENT:CHG CREDITS, PREQ, HRS													
BIOEN 326	SOLID&GEL MECHANICS Solid and Gel Mechanics	AUT/2015 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/16/14		APPROVED: 6/15/10											
				COMMENT:CHG CREDITS, HOURS													
BIOEN 327	FLUID&MATERIALS LAB Fluids and Materials Laboratory	AUT/2010 - AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/14/12		APPROVED: 6/15/10											
				FEE TYPE:1		\$45.00		BUDGET:099204		REV		OBJ		CD:943081			

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				-ALL	U		GRD	E	U	N	E	P	&	N			
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													
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
				LAST UPDT: 9/27/12 APPROVED:11/18/08 COMMENT:PERM DL													

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				-ALL U	GRD	E	U N E	P & N C M S N	A S W T P R G	MAX	P	SYS	D	HYPH	M R E							
BIOEN 510	BIOENG SEMINARS Bioengineering Seminars	AUT/2005 - AUT/9999	1.0	Y			
				LAST UPDT: 8/01/14 APPROVED:12/15/83																		
				COMMENT:CHANGE CREDITS, CRS DESCRIPT'N																		
BIOEN 511	BIOMATERIAL SEMINAR Biomaterials Seminar	SPR/2010 - AUT/9999	1.0	18.0	.	CR/NC	BIOEN 511	CHEM E511	.		
				LAST UPDT:12/15/09 APPROVED: 1/24/85																		
				COMMENT:CHG MAX CREDITS																		
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 520	MUSCULOSKEL BIOMECH Musculoskeletal Biomechanics	SPR/2014 - AUT/9999	4.0	BIOEN 520	M E	527	.	
				LAST UPDT: 3/19/14 APPROVED:12/06/93																		
				COMMENT:CHG TTLS,JT STATUS, DES, PREQ																		
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	.
				LAST UPDT: 9/19/14 APPROVED:11/17/09																		
				COMMENT:14-16 PREQ CHG																		
BIOEN 524	ADV SYNTHETIC BIO Advanced Systems and Synthetic Biology	AUT/2011 - AUT/9999	3.0	BIOEN 524	E E	524	.	
				LAST UPDT: 8/16/11 APPROVED:11/17/09																		
				COMMENT:CHG DESC																		
BIOEN 530	BIOEN LIT ANALYSIS Bioengineering Professional Series I: Literature Analysis	AUT/2012 - AUT/9999	2.0	.	CR/NC	
				LAST UPDT: 7/23/15 APPROVED:10/16/12																		
BIOEN 531	PROPOSAL WRITING Bioengineering Professional Series II: Proposal Writing	WIN/2013 - AUT/9999	2.0	
				LAST UPDT:12/19/12 APPROVED:12/18/12																		

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				-ALL U	GRD		U N E	P	& N C M S N	A S W T P R G							
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	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHG DESC			LAST UPDT: 4/16/14		APPROVED: 2/19/08											
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	.	.	.	.	.	.	.	.	.	.	.	BIOEN 590 CHEM E590	.	.
				LAST UPDT:10/04/94		APPROVED:11/25/85											
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											

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				-ALL	U		GRD	E	U	N	E	P	&	N			
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													

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				-ALL U	GRD		U	N	E	P & A	N	C	M	S	N			
PHARBE 500	MOL CEL BIO PHRM I Molecular and Cellular Biology for Pharmaceutical Bioengineering I	AUT/2015 - AUT/9999	4.0
				LAST UPDT: 9/18/15			APPROVED: 4/17/12											.
PHARBE 501	MOL CEL BIO PHRM II Molecular and Cellular Biology for Pharmaceutical Bioengineering II	AUT/2015 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/18/15			APPROVED: 4/17/12											.
	COMMENT:REMOVE DL																	
PHARBE 502	PHARMACEUTICS I Pharmaceutics I	SUM/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/16/14			APPROVED: 6/21/11											.
	COMMENT:RENEW DL																	
PHARBE 503	PHARMACEUTICS II Pharmaceutics II	AUT/2015 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/18/15			APPROVED: 8/16/11											.
PHARBE 510	APPL PHARMACOKINET Applied Pharmacokinetics	SUM/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/16/14			APPROVED: 6/21/11											.
	COMMENT:RENEW DL																	
PHARBE 511	PROCESS DEVELOPMENT Process Development	AUT/2015 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/18/15			APPROVED: 4/17/12											.
PHARBE 512	FORMULATION DELIVER Formulation and Delivery	AUT/2015 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/18/15			APPROVED: 4/17/12											.
	COMMENT:REMOVE DL																	
PHARBE 513	CLINICAL DEVELOPMNT Clinical Development	AUT/2015 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/18/15			APPROVED: 2/19/13											.
PHARBE 519	JOURNAL RSRCH SEM Journal Research Seminar	AUT/2012 - WIN/2016	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	MEDENG519	MEDENG519
				LAST UPDT: 9/05/12			APPROVED: 8/21/12											.
	COMMENT:INITAL DL																	
PHARBE 519	JOURNAL RSRCH SEM Journal Research Seminar	SPR/2016 - AUT/9999	1.0	.	CR/NC	MEDENG519	MEDENG519
				LAST UPDT: 8/01/14			APPROVED: 8/21/12											.
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				-ALL U	GRD E	U N E	M R E				
PHARBE 520	MOLECULAR BIOTECH Molecular Biotechnology	AUT/2015 - AUT/9999	4.0	
								LAST UPDT: 9/18/15	APPROVED: 8/16/11		
PHARBE 521	DRUG DISCOVERY Drug Discovery and Design	SUM/2015 - AUT/9999	4.0	.	.	.	.	.	.	.
	COMMENT:REMOVE DL							LAST UPDT: 4/18/12	APPROVED: 4/17/12		
PHARBE 522	MOLECULAR TARGETS Molecular Targets and Drug Classes	AUT/2015 - AUT/9999	4.0	.	.	.	.	.	.	.
	COMMENT:REMOVE DL							LAST UPDT: 9/18/15	APPROVED: 4/17/12		
PHARBE 523	SYS BIOL & BIOINFO Systems Biology and Bioinformatics	AUT/2015 - AUT/9999	4.0	.	.	.	.	.	.	.
								LAST UPDT: 9/18/15	APPROVED: 2/19/13		