

DATE: 01-22-2013
TIME: 20:10:31

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 J
PAGE: 1,287

COLLEGE : 0 - Interschool or Col
DEPARTMENT: BIOENGINEERING

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L E C M S N T P R G	RESPONS COURSE	JOINT COURSES	O M I T
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	.	.	.	.			.
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	AUT/2010 - AUT/9999	3.0		.	.	.	.	.	.			.
LAST UPDT: 6/16/10 APPROVED: 6/15/10													
BIOEN 317	SIGNALS SENSORS LAB BIOMEDICAL SIGNALS AND SENSORS LABORATORY	AUT/2012 - AUT/9999	2.0		.	.	.	Y	.	.			.
LAST UPDT: 6/29/12 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/2010 - AUT/9999	3.0		.	.	.	.	.	.			.
LAST UPDT: 6/16/10 APPROVED: 6/15/10													
BIOEN 326	SOLID&GEL MECHANICS SOLID AND GEL MECHANICS	AUT/2010 - WIN/2013	3.0		.	.	.	.	.	.			.
LAST UPDT: 1/02/13 APPROVED: 6/15/10													
BIOEN 326	SOLID&GEL MECHANICS SOLID AND GEL MECHANICS	SPR/2013 - AUT/9999	3.0		.	.	.	.	.	.			.
LAST UPDT: 1/02/13 APPROVED: 6/15/10													
COMMENT:EMAIL PREQ CHG													
BIOEN 327	FLUID&MATERIALS LAB FLUIDS AND MATERIALS LABORATORY	AUT/2010 - AUT/9999	2.0		.	.	.	Y	.	.			.
LAST UPDT: 8/14/12 APPROVED: 6/15/10													
FEE TYPE:1 \$45.00 BUDGET:099204 REV OBJ CD:943081													

DATE: 01-22-2013
TIME: 20:10:31

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 J
PAGE: 1,288

COLLEGE : 0 - Interschool or Col
DEPARTMENT: BIOENGINEERING

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M T P R	W R G	RESPONS COURSE	JOINT COURSES	O M I T
BIOEN 335	BIOTRANSPORT II BIOTRANSPORT II	AUT/2010 - WIN/2013	3.0		.	.	.	.	.	.	.			.
					LAST UPDT: 1/02/13		APPROVED: 6/15/10							
BIOEN 335	BIOTRANSPORT II BIOTRANSPORT II	SPR/2013 - AUT/9999	3.0		.	.	.	.	.	.	.			.
					LAST UPDT: 1/02/13		APPROVED: 6/15/10							
					COMMENT:EMAIL PREQ CHG									
BIOEN 336	SYSTEMS AND CONTROL BIOENGINEERING SYSTEMS AND CONTROL	AUT/2010 - WIN/2013	3.0		.	.	.	.	.	.	.			.
					LAST UPDT: 1/02/13		APPROVED: 6/15/10							
BIOEN 336	SYSTEMS AND CONTROL BIOENGINEERING SYSTEMS AND CONTROL	SPR/2013 - AUT/9999	3.0		.	.	.	.	.	.	.			.
					LAST UPDT: 1/02/13		APPROVED: 6/15/10							
					COMMENT:EMAIL PREQ CHG									
BIOEN 337	TRANS SYSTEMS LAB MASS TRANSPORT AND SYSTEMS LABORATORY	WIN/2013 - AUT/9999	2.0		.	.	.	Y	.	.	.			.
					LAST UPDT:11/27/12		APPROVED: 6/15/10							
					FEE TYPE:1 \$17.00 BUDGET:068908 REV OBJ CD:943081									
BIOEN 345	FAILURE AND PHYSIOL FAILURE ANALYSIS AND HUMAN PHYSIOLOGY	AUT/2010 - WIN/2013	4.0		.	.	.	.	.	.	.			.
					LAST UPDT: 1/02/13		APPROVED: 6/15/10							
BIOEN 345	FAILURE AND PHYSIOL FAILURE ANALYSIS AND HUMAN PHYSIOLOGY	SPR/2013 - AUT/9999	4.0		.	.	.	.	.	.	.			.
					LAST UPDT: 1/02/13		APPROVED: 6/15/10							
					COMMENT:EMAIL PREQ CHG									
BIOEN 401	CAPSTONE PRINCIPLES BIOENGINEERING CAPSTONE PRINCIPLES	SPR/2010 - AUT/9999	3.0		.	.	.	.	.	.	.			.
					LAST UPDT: 3/17/10		APPROVED: 3/16/10							
BIOEN 402	RESEARCH AND DESIGN BIOENGINEERING CAPSTONE RESEARCH AND DESIGN	SPR/2010 - AUT/9999	2.0-06.0	10.0	.	.	11	.	.	.	.			.
					LAST UPDT:12/03/10		APPROVED: 3/16/10							
BIOEN 403	CAPSTONE RESEARCH BIOENGINEERING CAPSTONE RESEARCH	SPR/2010 - AUT/9999	2.0	4.0	.	.	11	.	.	.	.			.
					LAST UPDT: 3/17/10		APPROVED: 3/16/10							

DATE: 01-22-2013
TIME: 20:10:31

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 J
PAGE: 1,289

COLLEGE : 0 - Interschool or Col
DEPARTMENT: BIOENGINEERING

CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D D S H F V L E W -ALL U GRD E U N E P & N C M S N MAX P SYS D HYPH M R E A S W T P R G													RESPONS COURSE	JOINT COURSES	O M I T
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	WIN/2012	- WIN/2013	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 1/16/13 APPROVED: 1/03/01															
						COMMENT:EMAIL PREQ CHG															
BIOEN	420	MEDICAL IMAGING MEDICAL IMAGING	SPR/2013	- AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 1/16/13 APPROVED: 1/03/01															
						COMMENT:CHG DESC, PREQ															
BIOEN	423	INTRO SYNTH BIO INTRODUCTION TO SYNTHETIC BIOLOGY	AUT/2011	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	E E	423 E E	423	.
						LAST UPDT: 3/09/11 APPROVED:11/17/09													CSE	486	
						COMMENT:EMAIL PREQ CHG															
BIOEN	424	ADV SYNTHETIC BIO ADVANCED SYSTEMS AND SYNTHETIC BIOLOGY	AUT/2011	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	BIOEN 424 E E	424	.	
						LAST UPDT: 8/16/11 APPROVED:11/17/09													CSE	487	
						COMMENT:EMAIL PREQ CHG, CHG DESC															
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	
						COMMENT:EMAIL PREQ CHG															
BIOEN	440	INTRO TO BIOMECH INTRODUCTION TO BIOMECHANICS	SPR/2001	- AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	BIOEN 440 M E	445	.	
						LAST UPDT:12/07/00 APPROVED:12/30/98															
						COMMENT:WAS BIOEN 445, CHG TITLES, CRD															
BIOEN	455	BIOMEMS BIOMEMS	SPR/2012	- AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 3/09/11 APPROVED: 1/03/00															
						COMMENT:EMAIL PREQ CHG															

REPORT: SR21010-R-01 J
PAGE: 1,290

DEPARTMENT: BIOENGINEERING

DEPARTMENT: BIOENGINEERING										V L E W L I E C Q T P & N C M S N A S W T P R G		O M I T
COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E			RESPONS COURSE	JOINT COURSES	
BIOEN 457	ADV MOL BIOEN ADVANCED MOLECULAR BIOENGINEERING	SPR/2012 - WIN/2013	4.0	.	.		. . .					.
	COMMENT:EMAIL PREQ CHG			LAST UPDT:	11/01/12	APPROVED:	1/03/00					
BIOEN 457	ADV MOL BIOEN ADVANCED MOLECULAR BIOENGINEERING	SPR/2013 - AUT/9999	4.0	.	.		. . .					.
	COMMENT:EMAIL PREQ CHG			LAST UPDT:	11/01/12	APPROVED:	1/03/00					
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 485	COMPUTATIONAL BIOEN COMPUTATIONAL BIOENGINEERING	SPR/2012 - AUT/9999	4.0	.	.		. . .					.
	COMMENT:EMAIL PREQ CHG			LAST UPDT:	11/22/11	APPROVED:	1/03/00					
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	.	.		. . .					.
	COMMENT:EMAIL PREQ CHG			LAST UPDT:	4/15/11	APPROVED:	3/15/11					
BIOEN 490	ENG MATLS BIOMED AP ENGINEERING MATERIALS FOR BIOMEDICAL APPLICATIONS	SPR/1978 - AUT/9999	3.0	.	.		. . .			BIOEN 490	CHEM E490	.
	COMMENT:NEW DESCRIPTION			LAST UPDT:	6/15/07	APPROVED:	9/23/71					
BIOEN 491	CONTROLLED RELEASE CONTROLLED-RELEASE SYSTEMS: PRINCIPLES AND APPLICATIONS	WIN/1979 - AUT/9999	3.0	.	.		. . .			BIOEN 491	CHEM E491	.
				LAST UPDT:	10/04/94	APPROVED:	11/17/77					
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					

DATE: 01-22-2013
TIME: 20:10:31

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 J
PAGE: 1,291

COLLEGE : 0 - Interschool or Col
DEPARTMENT: BIOENGINEERING

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
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									
BIOEN 508	CAREER PATH ACADEM CAREER PATHWAYS IN ACADEMIA	SUM/2008 -	AUT/9999	1.5	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 8/27/08		APPROVED: 2/19/08							

DATE: 01-22-2013
TIME: 20:10:31

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 J
PAGE: 1,292

COLLEGE : 0 - Interschool or Col
DEPARTMENT: BIOENGINEERING

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C Q T P R G	RESPONS COURSE	JOINT COURSES	O M I T
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	.	11	.	.	.	.	.	.
COMMENT:CHANGE CREDITS, CRS DESCRIPT'N					LAST UPDT: 6/15/07 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	ORTHOPEDIC BIOMECH ORTHOPEDIC BIOMECHANICS	WIN/1995 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.
					LAST UPDT:12/08/93 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/2011 -	AUT/9999	3.0	.	.	.	.	.	.	E E	523 CSE 586	.
COMMENT:EMAIL PREQ CHG					LAST UPDT: 3/09/11 APPROVED:11/17/09 E E 523								
BIOEN 524	ADV SYNTHETIC BIO ADVANCED SYSTEMS AND SYNTHETIC BIOLOGY	AUT/2011 -	AUT/9999	3.0	.	.	.	.	.	.	BIOEN 524 E E	524	.
COMMENT:CHG DESC					LAST UPDT: 8/16/11 APPROVED:11/17/09 CSE 587								

DATE: 01-22-2013
TIME: 20:10:31

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 J
PAGE: 1,293

COLLEGE : 0 - Interschool or Col
DEPARTMENT: BIOENGINEERING

DEPARTMENT: BIOENGINEERING																		O	
COURSE		TITLE	EFFECTIVE	QUARTERS	QUARTER	OVER D		D	S H F		V	L I		E E		W	R	O	
CURRIC	NUM					CREDITS	MAX		P	GRD		U	U	N	E				A

BIOEN	530	BIOEN LIT ANALYSIS	AUT/2012 -	AUT/9999	2.0	.	CR/NC	.	.	.	.	Y	.	.	.	.	.	.	
						LAST UPDT:10/17/12		APPROVED:10/16/12											
BIOEN	531	PROPOSAL WRITING	WIN/2013 -	AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT:12/19/12		APPROVED:12/18/12											
BIOEN	532	PROFESSIONAL SKILLS	SPR/2013 -	AUT/9999	1.0	.	CR/NC	.	.	.	.	Y	.	.	.	.	.	.	
						LAST UPDT:10/17/12		APPROVED:10/16/12											
BIOEN	552	MICROFAB/MICROFLUID	SUM/2008 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT: 6/18/08		APPROVED: 6/17/08											
BIOEN	553	MICROFAB/FLUID LAB	SUM/2008 -	AUT/9999	2.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT: 6/18/08		APPROVED: 6/17/08											
BIOEN	555	WATER NAT BIOL FUNC	AUT/2011 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT: 6/20/11		APPROVED: 1/24/85											
COMMENT:CHANGE TITLES, DESCRIPTION																			
BIOEN	565	NMR IN BIOMEDICINE	WIN/1995 -	AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT:10/03/94		APPROVED:12/06/93										BIOEN 565 RADGY 550	.
BIOEN	568	IMAGE PROC COMP SYS	SPR/1988 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT:10/04/94		APPROVED: 9/17/87										E E 568 E E 568	.
BIOEN	571	POLYMERIC MATERIALS	AUT/1992 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT:10/04/94		APPROVED: 5/29/92										BIOEN 571 MSE 571	.
BIOEN	573	BIOSENSORS	WIN/2013 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT:11/13/12		APPROVED:12/06/93											
COMMENT:EMAIL PREQ CHG																			

BIOEN 565 RADGY 550 .

E E 568 E E 568 .

BIOEN 571 MSE 571 .

DATE: 01-22-2013
TIME: 20:10:31

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 J
PAGE: 1,294

COLLEGE : 0 - Interschool or Col
DEPARTMENT: BIOENGINEERING

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U	D GRD E	S H F U N E	V L I	E E P & N C M S N	W R	RESPONS COURSE	JOINT COURSES	O M I T
BIOEN 576	PROTEIN ENGINEERING LABORATORY TECHNIQUES	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 586	TISSUE ENGINEERING TISSUE ENGINEERING	SPR/2008 -	AUT/9999	3.0	.	.	.	.	.	.			.
					LAST UPDT: 4/16/08		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 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 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						

DATE: 01-22-2013
TIME: 20:10:31

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 J
PAGE: 1,295

COLLEGE : 0 - Interschool or Col
DEPARTMENT: BIOENGINEERING

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E D HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P R	W R N G	RESPONS COURSE	JOINT COURSES	O M I T
BIOEN 599	SPEC TOPICS BIOENG SPECIAL TOPICS IN BIOENGINEERING	SUM/2011 -	AUT/9999	1.0-06.0	30.0 Y	.	.	. . Y	.	.	.	.	.	.
COMMENT:CHG MAX CREDITS					LAST UPDT: 8/14/12 APPROVED:11/18/76 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	.	.	.	.	.	.
COMMENT:CHG GRADING					LAST UPDT: 4/16/12 APPROVED:12/18/81									
BIOEN 700	MASTER'S THESIS MASTER'S THESIS	SPR/2012 -	AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.
COMMENT:CHG GRADING					LAST UPDT: 4/16/12 APPROVED:12/18/81									
BIOEN 800	DOCTORAL DISSERTATN DOCTORAL DISSERTATION	SPR/2012 -	AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.
COMMENT:CHG GRADING					LAST UPDT: 4/16/12 APPROVED: 4/25/85									

REPORT: SR21010-R-01 J
PAGE: 1,296

DEPARTMENT: BIOENGINEERING				OVER D	D	S H F	V	E E W			
COURSE	TITLE	EFFECTIVE	QUARTER	ALL U	GRD	U N E	L I	E C Q T	RESPONS	JOINT	O M
CURRIC	NUM		CREDITS	MAX P	SYS	D HYPH M R E	P & N C M S N	A S W T P R G	COURSE	COURSES	I T
MEDENG 519	JOURNAL RSRCH SEM JOURNAL RESEARCH SEMINAR	AUT/2012 - WIN/2016	1.0	.	CR/NC	.	.	.	.	MEDENG519	PHARBE519
COMMENT:INITAL DL				LAST UPDT: 9/05/12		APPROVED: 8/21/12					
MEDENG 519	JOURNAL RSRCH SEM JOURNAL RESEARCH SEMINAR	SPR/2016 - AUT/9999	1.0	.	CR/NC	.	.	.	.	MEDENG519	PHARBE519
COMMENT:REMOVE DL				LAST UPDT: 9/05/12		APPROVED: 8/21/12					
MEDENG 530	CELL BIOLOGY CELL BIOLOGY	AUT/2011 - AUT/9999	4.0	.	.	.	.	.	.		.
COMMENT:WAS BIOEN 530				LAST UPDT: 3/14/11		APPROVED: 3/17/09					
MEDENG 531	CELL BIOLOGY LAB CELL BIOLOGY LABORATORY	AUT/2011 - AUT/9999	2.0	.	.	.	.	.	.		.
COMMENT:WAS BIOEN 531				LAST UPDT: 3/14/11		APPROVED: 3/17/09					
MEDENG 532	MED DEVICE DESIGN MEDICAL DEVICE DESIGN	AUT/2012 - WIN/2016	4.0	.	.	.	.	.	.		.
COMMENT:INITIAL DL				LAST UPDT:11/20/12		APPROVED: 3/17/09					
MEDENG 532	MED DEVICE DESIGN MEDICAL DEVICE DESIGN	SPR/2016 - AUT/9999	4.0	.	.	.	.	.	.		.
COMMENT:END INITIAL DL				LAST UPDT:12/12/12		APPROVED: 3/17/09					
MEDENG 533	MED DEVICE INDUSTRY REGULATORY AFFAIRS FOR THE MEDICAL DEVICE INDUSTRY	AUT/2012 - WIN/2016	4.0	.	.	.	.	.	.		.
COMMENT:INITIAL DL				LAST UPDT:11/20/12		APPROVED: 2/17/09					
MEDENG 533	MED DEVICE INDUSTRY REGULATORY AFFAIRS FOR THE MEDICAL DEVICE INDUSTRY	SPR/2016 - AUT/9999	4.0	.	.	.	.	.	.		.
COMMENT:END INITIAL DL				LAST UPDT:11/20/12		APPROVED: 2/17/09					
MEDENG 534	MED DEVICE COMMERCN MEDICAL DEVICE COMMERCIALIZATION	AUT/2011 - WIN/2013	4.0	.	.	.	.	.	.		.
COMMENT:WAS BIOEN 534				LAST UPDT:11/20/12		APPROVED: 2/17/09					

DATE: 01-22-2013
TIME: 20:10:31

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 J
PAGE: 1,297

COLLEGE : 0 - Interschool or Col
DEPARTMENT: BIOENGINEERING

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q T P R G	RESPONS COURSE	JOINT COURSES	O M I T
MEDENG 534	MED DEVICE COMMERCN MEDICAL DEVICE COMMERCIALIZATION	SPR/2013 -	SUM/2016	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:INITIAL DL					LAST UPDT:11/20/12 APPROVED: 2/17/09									
MEDENG 534	MED DEVICE COMMERCN MEDICAL DEVICE COMMERCIALIZATION	AUT/2016 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:END INITIAL DL					LAST UPDT:11/20/12 APPROVED: 2/17/09									
MEDENG 536	BIOSENSORS BIOSENSORS	AUT/2012 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:PERM DL					LAST UPDT: 9/27/12 APPROVED: 8/19/08									
MEDENG 537	BIOMAT & BIOCOMPAT BIOMATERIALS AND BIOCOMPATIBILITY	AUT/2011 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:WAS BIOEN 537					LAST UPDT: 3/14/11 APPROVED: 5/19/09									
MEDENG 538	MED IMG DIAGNOSTICS MEDICAL IMAGING DIAGNOSTICS	AUT/2011 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:WAS BIOEN 538					LAST UPDT: 3/14/11 APPROVED: 2/17/09									
MEDENG 539	CLINIC DIAGNOSTICS CLINICAL DIAGNOSTICS	AUT/2011 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:WAS BIOEN 539					LAST UPDT: 3/14/11 APPROVED: 2/17/09									

REPORT: SR21010-R-01 J
PAGE: 1,298

DEPARTMENT: BIOENGINEERING																			
COURSE		TITLE		EFFECTIVE QUARTERS		QUARTER CREDITS	OVER D -ALL U	D GRD	S H F U N E	V L P & N	E E C M S	W R Q T N	RESPONS COURSE	JOINT COURSES	O M I T				
PHARBE 500	MOL CEL BIO PHRM I	WIN/2012	- SPR/2015	4.0															
	MOLECULAR AND CELLULAR BIOLOGY FOR PHARMACEUTICAL																		
	COMMENT:INITAL DL																		
PHARBE 500	MOL CEL BIO PHRM I	SUM/2015	- AUT/9999	4.0															
	MOLECULAR AND CELLULAR BIOLOGY FOR PHARMACEUTICAL																		
	COMMENT:REMOVE DL																		
PHARBE 501	MOL CEL BIO PHRM II	SPR/2012	- SUM/2015	4.0															
	MOLECULAR AND CELLULAR BIOLOGY FOR PHARMACEUTICAL																		
	COMMENT:INITAL DL																		
PHARBE 501	MOL CEL BIO PHRM II	AUT/2015	- AUT/9999	4.0															
	MOLECULAR AND CELLULAR BIOLOGY FOR PHARMACEUTICAL																		
	COMMENT:REMOVE DL																		
PHARBE 502	PHARMACEUTICS I	WIN/2011	- SPR/2014	4.0															
	PHARMACEUTICS I																		
	COMMENT:INITAL DL																		
PHARBE 502	PHARMACEUTICS I	SUM/2014	- AUT/9999	4.0															
	PHARMACEUTICS I																		
	COMMENT:REMOVE DL																		
PHARBE 503	PHARMACEUTICS II	WIN/2012	- SPR/2015	4.0															
	PHARMACEUTICS II																		
	COMMENT:INITAL DL																		
PHARBE 503	PHARMACEUTICS II	SUM/2015	- AUT/9999	4.0															
	PHARMACEUTICS II																		
	COMMENT:REMOVE DL																		
PHARBE 510	PRECLIN DEV	WIN/2011	- SPR/2014	4.0															
	PRECLINICAL DEVELOPMENT																		
	COMMENT:INITAL DL																		

DATE: 01-22-2013
TIME: 20:10:31

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 J
PAGE: 1,300

COLLEGE : 0 - Interschool or Col
DEPARTMENT: BIOENGINEERING

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E D HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P R	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
PHARBE 521	DRUG DISCOVERY DRUG DISCOVERY AND DESIGN	WIN/2012 -	SPR/2015	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:INITAL DL					LAST UPDT: 4/18/12 APPROVED: 4/17/12									
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	SPR/2012 -	SUM/2015	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:INITAL 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: 4/18/12 APPROVED: 4/17/12									