

DATE: 01-16-2018
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UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

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

COLLEGE : J - Engineering
 DEPARTMENT: MAT SCI AND ENGR

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	E	U	N	E	P	& N	C				M	S	N
MSE 170	FUNDMNT MATERLS SCI Fundamentals of Materials Science	AUT/2017 - AUT/9999	4.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 6/21/17		APPROVED: 6/15/99											
MSE 273	INTR MOLC ENG MATS Introduction to Molecular Engineering of Interfaces and Surfaces	WIN/2012 - AUT/9999	2.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT:11/18/11		APPROVED:10/18/11											
MSE 298	INTRO MODERN MTLs Introduction to Modern Materials	SPR/2005 - AUT/9999	1.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/02/05		APPROVED: 1/31/05											
MSE 310	INTRO MSE Introduction to Materials Science and Engineering	AUT/2002 - AUT/9999	3.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/31/15		APPROVED: 2/22/93											
				COMMENT:WAS MSE 300;CHG CRDS,HRS,DESCR		FEE TYPE:1		\$25.00 BUDGET:069332 REV OBJ CD:943081									
MSE 311	INTEG UNDGRAD LAB 1 Integrated Undergraduate Laboratory I	AUT/2017 - AUT/9999	3.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/10/17		APPROVED: 2/22/93											
				FEE TYPE:1		\$45.00 BUDGET:069332 REV OBJ CD:943081											
MSE 312	INTEG UNDGRAD LAB 2 Integrated Undergraduate Laboratory II	AUT/2017 - AUT/9999	3.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/10/17		APPROVED: 2/22/93											
				FEE TYPE:1		\$45.00 BUDGET:069332 REV OBJ CD:943081											
MSE 313	INTEG UNDGRAD LAB 3 Integrated Undergraduate Laboratory III	AUT/2017 - AUT/9999	3.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/10/17		APPROVED: 2/22/93											
				FEE TYPE:1		\$45.00 BUDGET:069332 REV OBJ CD:943081											
MSE 321	THERM & PHAS EQUIL Thermodynamics and Phase Equilibrium	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 3/12/14													
				COMMENT:EMAIL PREQ CHG													
MSE 322	KINETIC MICRO EVOL Kinetics and Microstructural Evolution	WIN/2003 - AUT/9999	4.0
				LAST UPDT:10/25/06		APPROVED: 6/24/02											
				COMMENT:WAS MSE315;CHG TITLE,DESC.PRER													

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				-ALL	U		GRD	E	U	N	E	P	&	N				C	M	S
MSE 476	INTRO OPTOELECT MAT Introduction to Optoelectronic Materials	WIN/2017 - AUT/9999	3.0			
				LAST UPDT:10/28/16		APPROVED:10/18/16														
MSE 477	HI-TEMP MATERIALS High Temperature Materials	SPR/2003 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS CERE470;CHG TITLE,DESC,PRE			LAST UPDT: 8/06/08																
MSE 481	NANOSTRUCTURES Science and Technology of Nanostructures	WIN/2005 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/23/03		APPROVED:12/22/03														
MSE 482	BIOMATS, TISSUE ENG Biomaterials/Nanomaterials in Tissue Engineering	WIN/2013 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/19/12		APPROVED:12/18/12														
MSE 483	NANOMEDICINE Nanomedicine	SPR/2013 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/19/12		APPROVED:12/18/12														
MSE 484	ELECT &OPTO POLYMERS Electronic and Optoelectronic Polymers	AUT/2015 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	Y	.	.	.	CHEM 484 CHEM 484
				LAST UPDT:12/17/15		APPROVED: 2/24/06														
MSE 485	ELECTRNC PACKAGING Introduction to Electronic Packaging and Materials	WIN/1997 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	M E 485 M E 485
				LAST UPDT: 3/22/16		APPROVED: 4/29/96		FEE TYPE:1 \$50.00 BUDGET:069397 REV OBJ CD:943081												
MSE 486	IC TECHNOLOGY Fundamentals of Integrated Circuit Technology	SPR/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	MSE 486 E E 486
				LAST UPDT: 3/16/16		APPROVED: 1/03/01														
MSE 487	ELECT PKG LAB Laboratory in Electronic Packaging and Materials	WIN/2000 - AUT/9999	1.0	.	.	.	.	.	.	.	.	.	.	.	.	.	M E 487 M E 487
				LAST UPDT: 7/23/15		APPROVED: 2/03/99		FEE TYPE:1 \$75.00 BUDGET:069397 REV OBJ CD:943081												
MSE 491	DESIGN MTLN ENGRG I Design in Materials Engineering I	SPR/2007 - AUT/9999	2.0			
	COMMENT:CHG TITLES, CREDITS, PREQ			LAST UPDT:10/26/09																

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				-ALL U	GRD		U N E	P	& N C M S N	A	S	W	T	P				R
MSE 515	ADV TEM Advanced Transmission Electron Microscopy	SPR/1990 - AUT/9999	3.0	
				LAST UPDT: 0/00/00		APPROVED: 10/01/89												
MSE 518	ADVANCED MINERALOGY Advanced Mineralogy	AUT/2009 - AUT/9999	3.0	ESS	537	ESS	537	.
	COMMENT:CHG JT STATUS			LAST UPDT: 8/12/09		APPROVED: 3/01/90												
MSE 520	SEMINAR Seminar	SPR/1984 - AUT/9999	1.0	6.0	Y	CR/NC	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS CER E/MET E 520			LAST UPDT: 10/30/06		APPROVED: 11/17/83												
MSE 524	APP RATE PHENOMENA Applied Rate Phenomena	AUT/1977 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 10/30/06		APPROVED: 3/30/77												
MSE 525	KINETICS & PHASE TR Kinetics and Phase Transformations	SPR/2000 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHG TITLE & DESCRIPTION			LAST UPDT: 10/30/06		APPROVED: 10/27/89												
MSE 528	PHYSICS VLSI FAB Physics and Modeling of VLSI Fabrication	AUT/2005 - AUT/9999	4.0	EE	528	EE	528	.
				LAST UPDT: 10/21/16		APPROVED: 5/23/05												
MSE 529	SEMICOND OPTOELEC Semiconductor Optoelectronics	SPR/2016 - AUT/9999	4.0	EE	529	EE	529	.
				LAST UPDT: 12/20/15														
MSE 541	DEFECTS IN MATERIALS Defects in Materials	WIN/2001 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHANGE TITLES AND PREREQS			LAST UPDT: 10/30/06		APPROVED: 10/27/89												
MSE 550	MAGNETIC MATERIALS Magnetism, Magnetic Materials, and Related Technologies	SPR/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHG DESC			LAST UPDT: 5/15/12		APPROVED: 2/26/03												
MSE 555	BIOMIMETICS Biomimetics: Bioinspired Design and Processing of Materials	SUM/1996 - AUT/9999	4.0	
				LAST UPDT: 4/23/97		APPROVED: 1/24/96												

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				-ALL U	GRD E						
MSE 560	ELECT/PHOTONIC MTLs Organic Electronic and Photonic Materials/Polymers	WIN/2016 - AUT/9999	3.0		MSE 560 CHEM 564		.
				LAST UPDT:10/21/15		APPROVED: 8/20/04				MOLENG 530	
MSE 562	INTRO ELECTRONIC COMP Introduction to Electronic Composites	SPR/1999 - AUT/9999	3.0	.	.	. . .	. . . . .		M E 562 M E 562		.
	COMMENT:CHANGE TITLE & DESCRIPTION			LAST UPDT:10/30/06		APPROVED: 2/23/89					
MSE 563	ADVANCED COMPOSITES Advanced Composites: Design and Manufacturing	SPR/1999 - AUT/9999	3.0	.	.	. . .	. . . . .		MSE 563 M E 563		.
				LAST UPDT: 2/23/99		APPROVED: 2/22/99					
MSE 565	ELECTRON THEORY MTL Electron Theory of Materials	AUT/2010 - AUT/9999	3.0	.	.	. . .	. . . . .				.
	COMMENT:10-12 PREQ CHG			LAST UPDT: 5/26/10		APPROVED: 9/20/84					
MSE 566	ENERGY MAT DEV & SYS Energy Materials, Devices, and Systems	AUT/2017 - AUT/9999	3.0	.	.	. . .	. . . . .		CHEM 566 CHEM E540		.
				LAST UPDT: 5/08/17		APPROVED: 3/21/17				CHEM 566	
MSE 568	ACT/SENSING MATR Active and Sensing Materials	AUT/2008 - AUT/9999	3.0	.	.	. . .	. . . . .		M E 568 M E 568		.
				LAST UPDT: 4/28/08		APPROVED: 4/15/08					
MSE 570	MSE GRAD TUTORIAL Graduate Tutorial in Materials Science and Engineering	AUT/2013 - AUT/9999	3.0	.	.	. . .	. . . . .				.
				LAST UPDT: 9/24/13		APPROVED: 9/17/13					
MSE 571	POLYMERIC MATERIALS POLYMERIC MATERIALS	AUT/1992 - AUT/9999	3.0	.	.	. . .	. . . . .		BIOEN 571 BIOEN 571		.
				LAST UPDT:10/04/94		APPROVED: 5/29/92					
MSE 576	INTRO OPTOELECT MAT Introduction to Optoelectronic Materials	WIN/2017 - AUT/9999	3.0	.	.	. . .	. . . . .				.
				LAST UPDT:10/25/16		APPROVED:10/18/16					
MSE 582	BIOMATS, TISSUE ENG Biomaterials/Nanomaterials in Tissue Engineering	WIN/2013 - AUT/9999	3.0
				LAST UPDT:12/19/12		APPROVED:12/18/12					

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				-ALL	U		GRD	E	U	N	E	P	&	N			
MSE 583	NANOMEDICINE Nanomedicine	SPR/2013 - AUT/9999	3.0
				LAST UPDT:12/19/12		APPROVED:12/18/12											
MSE 598	ENGR MTLs PROJECT Engineering Materials Problems	AUT/1999 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/22/99		APPROVED: 6/21/99											
MSE 599	SPEC TPCS MATLS SCI Special Topics in Materials Science	WIN/2013 - AUT/9999	1.0-05.0	15.0	Y	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/18/12		APPROVED: 1/29/87											
				COMMENT:CHG MAX CREDITS													
MSE 600	INDEPENDENT STUDY Independent Study or Research	WIN/1989 - AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/19/10		APPROVED: 6/09/88											
				COMMENT:WAS CER E 600													
MSE 700	MASTERS THESIS Master's Thesis	AUT/1988 - AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/19/10		APPROVED: 6/09/88											
MSE 800	DOCTORAL DISSERTATN Doctoral Dissertation	WIN/1989 - AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/19/10		APPROVED: 6/09/88											
				COMMENT:WAS CER E 800													