







DATE: 10-06-2014  
 TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM  
 DETAILED CURRICULUM REPORT  
 Seattle CAMPUS

REPORT: SR21010-R-01 K  
 PAGE: 1,246

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		U N E	P	& N C M S N	A S W T P R G							
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	MATERIALS CHEMISTRY Materials Chemistry	SPR/2006 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	Y	.	.	CHEM 484	CHEM 484
COMMENT:WAS MSE 371				LAST UPDT: 8/20/14 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: 6/14/96 APPROVED: 4/29/96																	
MSE 486	IC TECHNOLOGY Fundamentals of Integrated Circuit Technology	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	MSE 486	E E 486	.
COMMENT:EMAIL PREQ CHG				LAST UPDT: 5/31/12 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: 7/23/04 APPROVED: 2/03/99				FEE TYPE:1 \$75.00 BUDGET:069397 REV OBJ CD:943081													
MSE 491	DESIGN MTLs ENGRG I Design in Materials Engineering I	SPR/2007 - AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:CHG TITLES, CREDITS, PREQ				LAST UPDT:10/26/09													
MSE 492	DESIGN MTLs ENGRG II Design in Materials Engineering II	SPR/2007 - AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:CHG CREDITS, DESC				LAST UPDT: 1/24/07 APPROVED:12/11/02													

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				-ALL U	GRD		E	U N E	P	& N C	M S N	A S W T P R G					
MSE 497	UNDERGRAD RESEARCH Undergraduate Research	SPR/2005 - AUT/9999	1.0-05.0	12.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/21/04		APPROVED:12/24/04											
MSE 498	SPECIAL TOPICS Special Topics	WIN/2013 - AUT/9999	1.0-05.0	15.0	Y	.	.	Y	.	.	.	.	.	.	.	.	.
	COMMENT:CHG MAX CREDITS			LAST UPDT:12/18/12		APPROVED:11/17/83		FEE TYPE:1 \$50.00 BUDGET:069332 REV OBJ CD:943081									
MSE 499	SPECIAL PROJECT Special Project	AUT/1992 - AUT/9999	0.0	5.0	Y	.	11	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHANGE DESCRIPTION			LAST UPDT: 2/24/95		APPROVED:11/19/87											
MSE 501	ADV PROC. INORG MAT Advanced Processing of Inorganic Materials	AUT/1999 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHANGE TITLE & DESCRIPTION			LAST UPDT:10/30/06		APPROVED:10/27/89											
MSE 502	SOL-GEL PROCESSING Sol-Gel Processing	AUT/1999 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/08/99		APPROVED: 2/03/99											
MSE 504	INTRO TO MEMS Introduction to Microelectro Mechanical Systems	AUT/2001 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	E E	502 M E	504	.
	COMMENT:CHANGE JOINT STATUS			LAST UPDT:10/30/06		APPROVED: 5/21/01		E E 502									
MSE 510	BONDING & STRUCTURE Bonding, Crystallography, and Symmetry-Related Properties of Materials	AUT/2004 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHANGE DESC, TITLES			LAST UPDT:12/01/03		APPROVED:10/01/89											
MSE 512	TRANSM ELC MICRSCPY Experimental Transmission Electron Microscopy	WIN/1990 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHG DESC			LAST UPDT:10/30/06		APPROVED: 6/27/85											
MSE 513	TEM LAB Transmission Electron Microscopy Laboratory	WIN/1990 - AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHG TITLES, DESC			LAST UPDT:10/30/06		APPROVED: 6/27/85											

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				-ALL U	GRD		U	N	E	P	&	N	C	M				S
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	.		
				LAST UPDT: 8/12/09		APPROVED: 3/01/90												
				COMMENT:CHG JT STATUS														
MSE 520	SEMINAR Seminar	SPR/1984 - AUT/9999	1.0	6.0	Y	CR/NC	.	.	.	.	.	.	.	.	.	.		
				LAST UPDT:10/30/06		APPROVED:11/17/83												
				COMMENT:WAS CER E/MET E 520														
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	.	.	.	.	.	.	.	.	.	.	.	.	.		
				LAST UPDT:10/30/06		APPROVED:10/27/89												
				COMMENT:CHG TITLE & DESCRIPTION														
MSE 528	PHYSICS VLSI FAB Physics and Modeling of VLSI Fabrication	AUT/2005 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	EE 528	EE 528	.		
				LAST UPDT: 5/26/05		APPROVED: 5/23/05												
MSE 541	DEFECTS IN MATERIALS Defects in Materials	WIN/2001 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.		
				LAST UPDT:10/30/06		APPROVED:10/27/89												
				COMMENT:CHANGE TITLES AND PREREQS														
MSE 550	MAGNETIC MATERIALS Magnetism, Magnetic Materials, and Related Technologies	SPR/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.		
				LAST UPDT: 5/15/12		APPROVED: 2/26/03												
				COMMENT:CHG DESC														
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												
MSE 560	ELECT/PHOTONIC MTLs Organic Electronic and Photonic Materials/Polymers	SPR/2005 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	MSE 560	CHEM 564	.		
				LAST UPDT: 8/24/04		APPROVED: 8/20/04												



