

DATE: 04-09-2012
TIME: 20:10:09

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 I
PAGE: 1,048

COLLEGE : J - Engineering
DEPARTMENT: MAT SCI AND ENGR

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
MSE 170	FUNDMNT MATERLS SCI FUNDAMENTALS OF MATERIALS SCIENCE COMMENT:CHG PREQ	AUT/2009 - AUT/9999	4.0	.	.	.	.	.	Y	.	.	.	.
				LAST UPDT: 6/24/09		APPROVED: 6/15/99							
MSE 273	INTR MOLC ENG MATS INTRODUCTION TO MOLECULAR ENGINEERING OF INTERFACE	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 COMMENT:WAS MSE 300;CHG CRDS,HRS,DESCR	AUT/2002 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/14/08		APPROVED: 2/22/93							
MSE 311	INTEGRAT JR LAB I INTEGRATED JUNIOR LABORATORY I COMMENT:WAS MSE 317;CHG TTLS,HRS,CD	AUT/2002 - AUT/9999	2.0	.	.	.	.	.	Y	.	.	.	.
				LAST UPDT: 9/15/11		APPROVED: 2/22/93							
				FEE TYPE:1 \$35.00		BUDGET:069332		REV OBJ CD:943081					
MSE 312	INTEGRAT JR LAB II INTEGRATED JUNIOR LABORATORY II COMMENT:WAS MSE318;CHG TITLES,CR,DESCR	WIN/2003 - AUT/9999	2.0	.	.	.	.	.	Y	.	.	.	.
				LAST UPDT: 9/15/11		APPROVED: 2/22/93							
				FEE TYPE:1 \$35.00		BUDGET:069332		REV OBJ CD:943081					
MSE 313	INTEGRAT JR LAB III INTEGRATED JUNIOR LABORATORY III COMMENT:WAS MSE 319;CHG TITLE,CR,DESCR	SPR/2003 - AUT/9999	2.0	.	.	.	.	.	Y	.	.	.	.
				LAST UPDT: 9/15/11		APPROVED: 2/22/93							
				FEE TYPE:1 \$35.00		BUDGET:069332		REV OBJ CD:943081					
MSE 321	THERM & PHAS EQUIL THERMODYNAMICS AND PHASE EQUILIBRIUM COMMENT:WAS MSE 322;CHG TTLS,CRDS,CD	AUT/2002 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/14/08									
MSE 322	KINETIC MICRO EVOL KINETICS AND MICROSTRUCTURAL EVOLUTION COMMENT:WAS MSE315;CHG TITLE,DESC.PRER	WIN/2003 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/25/06		APPROVED: 6/24/02							
MSE 331	CRYSTALLOG & STRUCT CRYSTALLOGRAPHY AND STRUCTURE COMMENT:WAS MSE 314; CHG TTLS,CRDS,CD	AUT/2002 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/14/08		APPROVED: 2/22/93							
MSE 333	MTLS CHARACTERIZ MATERIALS CHARACTERIZATION	SPR/2003 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/25/02		APPROVED: 6/24/02							
MSE 342	MATERIALS PROCESS I MATERIALS PROCESSING I COMMENT:WAS MSE421;CHG TITLE,DESCR,PRE	WIN/2003 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/25/06		APPROVED: 6/24/02							

REPORT: SR21010-R-01 I
PAGE: 1,049

DEPARTMENT: MAT SCI AND ENGR

DEPARTMENT: MAT SCI AND ENGR										V L E W		O
COURSE					OVER D	D	S H F	L I E C Q T				
CURRIC	NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	-ALL U GRD E	HYPH M R E	P & N C M S N	A S W T P R G	RESPONS COURSE	JOINT COURSES		M I T
MSE	351	ELEC PROP MATERIALS ELECTRONIC PROPERTIES OF MATERIALS COMMENT:CHG TITLES	WIN/2011 - AUT/9999	3.0	LAST UPDT:12/15/09	.	.	.	.	.	.	.
MSE	352	PROP OF MATERIALS FUNCTIONAL PROPERTIES OF MATERIALS I	SPR/2003 - AUT/9999	3.0	LAST UPDT: 6/25/02	APPROVED: 6/24/02	.	.	.	.	.	.
MSE	362	MECH BEHAV MTLS I MECHANICAL BEHAVIOR OF MATERIALS I COMMENT:WAS MSE316;CHG TITLE, CR, DES, PR	SPR/2003 - AUT/9999	3.0	LAST UPDT: 8/14/08	APPROVED:11/17/83	.	.	.	.	.	.
MSE	421	STUDIES IN THERMO CASE STUDIES IN THERMODYNAMICS COMMENT:CHG TITLES, DESCRIPT, PREREQ.	WIN/2003 - AUT/9999	3.0	LAST UPDT:10/25/06	APPROVED:11/17/83	.	.	.	.	.	.
MSE	431	FAILURE ANALYSIS FAILURE ANALYSIS AND DURABILITY OF MATERIALS COMMENT:CHG TITLES, PREQ	AUT/2007 - AUT/9999	3.0	LAST UPDT: 8/14/08	APPROVED: 4/19/75	.	.	.	.	.	.
MSE	442	MTLS PROCESSING II MATERIALS PROCESSING II COMMENT:WAS CER E 421;CHG CRDS, TTLS, CD	AUT/2002 - AUT/9999	3.0	LAST UPDT: 8/06/08	APPROVED: 3/18/71	.	.	.	.	.	.
MSE	443	PROCESS PRINCIPLES PROCESS PRINCIPLES IN FERROUS AND NON-FERROUS MATL COMMENT:CHG TITLES, DESC	AUT/2009 - AUT/9999	3.0	LAST UPDT: 3/18/09	APPROVED: 9/22/83	.	.	.	.	.	.
MSE	452	PROPERTIES MTLS II FUNCTIONAL PROPERTIES OF MATERIALS II COMMENT:WAS CER E414;CHG TITLE, CR, DES,	WIN/2003 - AUT/9999	4.0	LAST UPDT: 8/06/08	APPROVED: 9/20/79	.	.	.	.	.	.
MSE	462	MECH BEHAV MTLS II MECHANICAL BEHAVIOR OF MATERIALS II COMMENT:CHG PREQ	SPR/2009 - AUT/9999	4.0	LAST UPDT:10/22/08	APPROVED: 4/01/75	.	.	.	.	.	.
MSE	463	CORROSN & WEAR MTLS CORROSION AND WEAR OF MATERIALS COMMENT:WAS METE432;CHG TITLES, CR, DESC	SPR/2003 - AUT/9999	4.0	LAST UPDT: 8/14/08	APPROVED: 7/10/69	.	.	.	.	.	.
MSE	471	POLYMER SCI & ENGR INTRODUCTION TO POLYMER SCIENCE AND ENGINEERING COMMENT:WAS MSE 433; CHG TTLS, DESCR, HR	AUT/2002 - AUT/9999	3.0	LAST UPDT: 8/14/08	APPROVED:12/21/88	.	.	.	.	.	.

DATE: 04-09-2012
TIME: 20:10:09

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 I
PAGE: 1,050

COLLEGE : J - Engineering
DEPARTMENT: MAT SCI AND ENGR

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 T P R	W R S N G	RESPONS COURSE	JOINT COURSES	O M I T
MSE 473	NONCRYSTALLINE STATE NONCRYSTALLINE STATE COMMENT:WAS CERE 411;CHG TITLE,DES,PRE	SPR/2003 - AUT/9999	4.0		LAST UPDT: 8/06/08									
MSE 475	COMPOSITE MATERIALS INTRODUCTION TO COMPOSITE MATERIALS COMMENT:WAS MSE423;CHG TITLE,DESC,PRER	AUT/2003 - AUT/9999	4.0		LAST UPDT: 8/14/08									
MSE 477	HI-TEMP MATERIALS HIGH TEMPERATURE MATERIALS COMMENT:WAS CERE470;CHG TITLE,DESC,PRE	SPR/2003 - AUT/9999	4.0		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 484	MATERIALS CHEMISTRY MATERIALS CHEMISTRY COMMENT:WAS MSE 371	SPR/2006 - AUT/9999	3.0		LAST UPDT: 6/10/08			APPROVED: 2/24/06		Y		CHEM 484	CHEM 484	
MSE 485	ELECTRNC PACKAGING INTRODUCTION TO ELECTRONIC PACKAGING AND MATERIALS	WIN/1997 - AUT/9999	3.0		LAST UPDT: 6/14/96			APPROVED: 4/29/96				M E 485	M E 485	
MSE 486	IC TECHNOLOGY FUNDAMENTALS OF INTEGRATED CIRCUIT TECHNOLOGY COMMENT:WAS MSE 467; CHG JT STATUS	WIN/2001 - AUT/9999	3.0		LAST UPDT:10/25/06			APPROVED: 1/03/01				MSE 486	E E 486	
MSE 487	ELECT PKG LAB LABORATORY IN ELECTRONIC PACKAGING AND MATERIALS	WIN/2000 - AUT/9999	1.0		LAST UPDT: 7/23/04			APPROVED: 2/03/99		Y		M E 487	M E 487	
					FEE TYPE:1	\$75.00	BUDGET:069397	REV OBJ CD:943081						
MSE 491	DESIGN MTLS ENGRG I DESIGN IN MATERIALS ENGINEERING I COMMENT:CHG TITLES, CREDITS, PREQ	SPR/2007 - AUT/9999	2.0		LAST UPDT:10/26/09									
MSE 492	DESIGN MTLS ENGRG II DESIGN IN MATERIALS ENGINEERING II COMMENT:CHG CREDITS, DESC	SPR/2007 - AUT/9999	2.0		LAST UPDT: 1/24/07			APPROVED:12/11/02						
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	AUT/1984 - AUT/9999	1.0-05.0	8.0	Y					Y				
					LAST UPDT:10/30/06			APPROVED:11/17/83						
					FEE TYPE:1	\$50.00	BUDGET:069332	REV OBJ CD:943081						

REPORT: SR21010-R-01 I
PAGE: 1,051

DEPARTMENT: MAT SCI AND ENGR

DEPARTMENT: MAT SCI AND ENGR										V L E W				O
COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX	D GRD P SYS	D HYPH	S H F U N E M R E	L I P A	E & S	N C T W	E C M S P R G	RESPONS COURSE	JOINT COURSES	M I T
MSE	499 SPECIAL PROJECT SPECIAL PROJECT COMMENT:CHANGE DESCRIPTION	AUT/1992 - AUT/9999	0.0	5.0 Y	.	11	.	.	.	.	.	.	.	.
				LAST UPDT:	2/24/95		APPROVED:	11/19/87						.
MSE	501 ADV PROC. INORG MAT ADVANCED PROCESSING OF INORGANIC MATERIALS COMMENT:CHANGE TITLE & DESCRIPTION	AUT/1999 - AUT/9999	3.0											.
				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 MICROELECTRIC MECHANICAL SYSTEMS COMMENT:CHANGE JOINT STATUS	AUT/2001 - AUT/9999	4.0									E E	502 M E E E	504 . 502
				LAST UPDT:	10/30/06		APPROVED:	5/21/01						.
MSE	510 BONDING & STRUCTURE BONDING, CRYSTALLOGRAPHY, AND SYMMETRY-RELATED PRO COMMENT:CHANGE DESC,TITLES	AUT/2004 - AUT/9999	3.0											.
				LAST UPDT:	12/01/03		APPROVED:	10/01/89						.
MSE	512 TRANSM ELC MICRSCPY EXPERIMENTAL TRANSMISSION ELECTRON MICROSCOPY COMMENT:CHG DESC	WIN/1990 - AUT/9999	3.0											.
				LAST UPDT:	10/30/06		APPROVED:	6/27/85						.
MSE	513 TEM LAB TRANSMISSION ELECTRON MICROSCOPY LABORATORY COMMENT:CHG TITLES, DESC	WIN/1990 - AUT/9999	2.0											.
				LAST UPDT:	10/30/06		APPROVED:	6/27/85						.
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 COMMENT:CHG JT STATUS	AUT/2009 - AUT/9999	3.0									ESS	537 ESS	537 .
				LAST UPDT:	8/12/09		APPROVED:	3/01/90						.
MSE	520 SEMINAR SEMINAR COMMENT:WAS CER E/MET E 520	SPR/1984 - AUT/9999	1.0	6.0 Y CR/NC	.									.
				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 COMMENT:CHG TITLE & DESCRIPTION	SPR/2000 - AUT/9999	3.0											.
				LAST UPDT:	10/30/06		APPROVED:	10/27/89						.

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

COLLEGE : J - Engineering
DEPARTMENT: MAT SCI AND ENGR

DEPARTMENT: MAT SCI AND ENGR										OVERALL DEPARTMENTAL SUMMARY										SCHOOL OF ENGINEERING									
COURSE		TITLE		EFFECTIVE QUARTERS		QUARTER CREDITS	OVERALL MAX	UNDERGRADUATE	GRADUATE	DEVELOPMENT	SHF	UNIVERSITY	STATE	COUNTRY	WORLD	RESPONS	JOINT	OTHER											
CURRIC	NUM																												
MSE	528	PHYSICS VLSI FAB	AUT/2005 - AUT/9999	4.0												E E	528 E E	528											
		PHYSICS AND MODELING OF VLSI FABRICATION																											
MSE	541	DEFECTS IN MATERIALS	WIN/2001 - AUT/9999	3.0																									
		DEFECTS IN MATERIALS																											
		COMMENT:CHANGE TITLES AND PREREQS																											
MSE	544	MECH BEHAVIOR MAT	SPR/1997 - AUT/9999	3.0																									
		MECHANICAL BEHAVIOR OF MATERIALS																											
		COMMENT:WAS MSE 521;CHG TITL, DESC																											
MSE	550	MAGNETIC MATERIALS	SPR/2003 - AUT/9999	3.0																									
		MAGNETISM, MAGNETIC MATERIALS, AND RELATED TECHNOL																											
MSE	555	BIOMIMETICS	SUM/1996 - AUT/9999	4.0																									
		BIOMEMETICS: BIOINSPIRED DESIGN AND PROCESSING...																											
MSE	559	THIN FILM TECHNOL	SPR/1996 - AUT/9999	3.0												CHEM E559	CHEM E559												
		THIN FILM SCIENCE, ENGINEERING, AND TECHNOLOGY																											
MSE	560	ELECT/PHOTONIC MTLS	SPR/2005 - AUT/9999	3.0												MSE	560 CHEM	564											
		ORGANIC ELECTRONIC AND PHOTONIC MATERIALS/POLYMERS																											
MSE	562	INTRO ELECTRONC COMP	SPR/1999 - AUT/9999	3.0												M E	562 M E	562											
		INTRODUCTION TO ELECTRONIC COMPOSITES																											
		COMMENT:CHANGE TITLE & DESCRIPTION																											
MSE	563	ADVANCED COMPOSITES	SPR/1999 - AUT/9999	3.0												MSE	563 M E	563											
		ADVANCED COMPOSITES: DESIGN AND MANUFACTURING																											
MSE	565	ELECTRON THEORY MTL	AUT/2010 - AUT/9999	3.0																									
		ELECTRON THEORY OF MATERIALS																											
		COMMENT:10-12 PREQ CHG																											
MSE	567	ELECTRON PROCESS	SPR/1995 - AUT/9999	3.0																									
		ELECTRONIC MATERIALS: PREPARATION & PROPERTIES																											
		COMMENT:DROP JT STATUS																											
MSE	568	ACT/SENSING MATR	AUT/2008 - AUT/9999	3.0												M E	568 M E	568											
		ACTIVE AND SENSING MATERIALS																											
MSE	571	POLYMERIC MATERIALS	AUT/1992 - AUT/9999	3.0												BIOEN	571 BIOEN	571											
		POLYMERIC MATERIALS																											

DATE: 04-09-2012
TIME: 20:10:09

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 I
PAGE: 1,053

COLLEGE : J - Engineering
DEPARTMENT: MAT SCI AND ENGR

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 P R	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
MSE 590	ADV SEM IN MSE ADVANCED SEMINAR IN MATERIALS SCIENCE AND ENGINEER	AUT/2000 - AUT/9999	2.0		LAST UPDT: 3/03/00			APPROVED: 2/25/00						.
MSE 593	MATERIALS MATH MATERIALS MATHEMATICS COMMENT:TEMPORARY, ARCHIVED	SPR/1990 - AUT/9999	3.0		LAST UPDT:10/30/06			APPROVED: 2/22/90			DROPPED: 2/22/90			.
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	SUM/1987 - AUT/9999	1.0-05.0	5.0 Y	LAST UPDT:10/30/06			APPROVED: 1/29/87						.
MSE 600	INDEPENDENT STUDY INDEPENDENT STUDY COMMENT:WAS CER E 600	WIN/1989 - AUT/9999	0.0	999.0 . 11	LAST UPDT: 4/19/10			APPROVED: 6/09/88						.
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 COMMENT:WAS CER E 800	WIN/1989 - AUT/9999	0.0	999.0 . 11	LAST UPDT: 4/19/10			APPROVED: 6/09/88						.