

DATE: 04-15-2019
 TIME: 20:10:11

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 1,322

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			
MSE 170	FUNDMNT MATERLS SCI Fundamentals of Materials Science	AUT/2018 - AUT/9999	4.0	Y
				LAST UPDT: 2/22/18		APPROVED: 6/15/99											
MSE 197	STUDIES MATR INNOV Case Studies in Materials Innovation	SPR/2019 - AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/19/18		APPROVED:12/18/18											
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													

DATE: 04-15-2019
 TIME: 20:10:11

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 1,324

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	A S W T P R G						
MSE 450	MAGNETIC MATERIALS Magnetism, Magnetic Materials, and Related Technologies	SPR/2013 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 5/16/12		APPROVED: 5/15/12											
MSE 452	PROPERTIES MTLs II Functional Properties of Materials II	WIN/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/06/16		APPROVED: 9/20/79											
MSE 462	MECH BEHAV MTLs II Mechanical Behavior of Materials II	WIN/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/06/16		APPROVED: 4/01/75											
MSE 463	CORROSN & WEAR MTLs Corrosion and Wear of Materials	WIN/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/06/16		APPROVED: 7/10/69											
MSE 466	ENERGY MAT DEV & SYS Energy Materials, Devices, and Systems	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	CHEM 466	CHEM E440	.	.
				LAST UPDT: 5/08/17		APPROVED: 3/21/17											
MSE 471	POLYMER SCI & ENGR Introduction to Polymer Science and Engineering	AUT/2002 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS MSE 433; CHG TTLS,DESCR,HR			LAST UPDT: 8/14/08		APPROVED:12/21/88											
MSE 473	NONCRYSTALLINE STATE Noncrystalline State	WIN/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/06/16													
MSE 475	COMPOSITE MATERIALS Introduction to Composite Materials	WIN/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/16/16													
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 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											

DATE: 04-15-2019
 TIME: 20:10:11

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 1,325

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 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	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	.	.	.	.	Y	.	.	.	.	.	M E 485	M E 485	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	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	.	.	.	.	Y	.	.	.	.	.	M E 487	M E 487	487	.
				LAST UPDT: 7/23/15		APPROVED: 2/03/99		FEE TYPE:1 \$75.00 BUDGET:069397 REV OBJ CD:943081									
MSE 488	MATR IN MANUFACTUR Materials in Manufacturing	WIN/2019 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 1/24/19		APPROVED:12/18/18											
MSE 491	DESIGN MTLs ENGRG I Design in Materials Engineering I	SPR/2007 - AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/26/09		COMMENT:CHG TITLES, CREDITS, PREQ											
MSE 492	DESIGN MTLs ENGRG II Design in Materials Engineering II	SPR/2007 - AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 1/24/07		APPROVED:12/11/02		COMMENT:CHG CREDITS, DESC									
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	.	.	.	.	.	.	.	.
				LAST UPDT:12/18/12		APPROVED:11/17/83		COMMENT:CHG MAX CREDITS									
				FEE TYPE:1		\$50.00		BUDGET:069332 REV OBJ CD:943081									

DATE: 04-15-2019
 TIME: 20:10:11

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 1,326

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 499	SENIOR PROJECT Senior Project	AUT/2017 - AUT/9999	0.0	5.0	Y	.	11
				LAST UPDT: 7/06/17		APPROVED: 11/19/87												
MSE 501	ADV PROC. INORG MAT Advanced Processing of Inorganic Materials	AUT/1999 - AUT/9999	3.0
				LAST UPDT: 10/30/06		APPROVED: 10/27/89												
				COMMENT: CHANGE TITLE & DESCRIPTION														
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	SPR/2017 - SPR/2019	4.0	.	.	.	.	.	.	.	.	.	.	E E	504 M E	504	.
				LAST UPDT: 12/20/18		APPROVED: 9/20/99												
MSE 504	INTRO TO MEMS Introduction to Microelectro Mechanical Systems	SUM/2019 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	E E	504 M E	504	.
				LAST UPDT: 12/20/18		APPROVED: 9/20/99												
				E E 504														
MSE 510	BONDING & STRUCTURE Bonding, Crystallography, and Symmetry-Related Properties of Materials	AUT/2004 - AUT/9999	3.0
				LAST UPDT: 12/01/03		APPROVED: 10/01/89												
				COMMENT: CHANGE DESC, TITLES														
MSE 512	TRANSM ELC MICRSCPY Experimental Transmission Electron Microscopy	WIN/1990 - AUT/9999	3.0
				LAST UPDT: 10/30/06		APPROVED: 6/27/85												
				COMMENT: CHG DESC														
MSE 513	TEM LAB Transmission Electron Microscopy Laboratory	WIN/1990 - AUT/9999	2.0
				LAST UPDT: 10/30/06		APPROVED: 6/27/85												
				COMMENT: CHG TITLES, DESC														
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: 10/17/18		APPROVED: 3/01/90												
				COMMENT: CHG JT STATUS														

DATE: 04-15-2019
 TIME: 20:10:11

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 1,328

COLLEGE : J - Engineering
 DEPARTMENT: MAT SCI AND ENGR

CURRIC NUM	COURSE TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D		D	S H F			V	L I E			RESPONS COURSE	JOINT COURSES	O M I T
				-ALL	U		GRD	E	U		N	E	P				& N	C	M	S	N
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	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		.
				LAST UPDT:10/30/06		APPROVED: 2/23/89										
				COMMENT:CHANGE TITLE & DESCRIPTION												
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	.	.	.	.	.	.	.	.	.	.			.
				LAST UPDT: 5/26/10		APPROVED: 9/20/84										
				COMMENT:10-12 PREQ CHG												
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	MSE GRAD TUTORIAL II Graduate Tutorial in Materials Science and Engineering II	WIN/2019 - AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.			.
				LAST UPDT:12/19/18		APPROVED:12/18/18										
MSE 576	INTRO OPTOELECT MAT Introduction to Optoelectronic Materials	WIN/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.			.
				LAST UPDT:10/25/16		APPROVED:10/18/16										

DATE: 04-15-2019
 TIME: 20:10:11

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 1,329

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	GRD	E	U	N	E	P	&				N	C	M	S	N
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											
MSE 583	NANOMEDICINE Nanomedicine	SPR/2013 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/19/12		APPROVED:12/18/12											
MSE 588	MATR IN MANUFACTUR Materials in Manufacturing	WIN/2019 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 1/24/19		APPROVED:12/18/18											
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													