

DATE: 07-06-2015
 TIME: 20:10:19

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

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

COLLEGE : J - Engineering
 DEPARTMENT: MAT SCI AND ENGR

| CURRIC NUM | COURSE TITLE | EFFECTIVE QUARTERS | QUARTER CREDITS | OVER D | | D | S H F | | | V | E E W | | | | | RESPONS COURSE | JOINT COURSES | O M I T | |
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| | | | | -ALL | U | | GRD | E | U | | N | E | P & A | N | C | | | | M |
| 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 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| COMMENT: WAS CERE470; CHG TITLE, DESC, PRE | | | | 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 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| COMMENT: WAS CERE470; CHG TITLE, DESC, PRE | | | | LAST UPDT: 12/19/12 APPROVED: 12/18/12 | | | | | | | | | | | | | | | |
| MSE 483 | NANOMEDICINE Nanomedicine | SPR/2013 - AUT/9999 | 3.0 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| COMMENT: WAS CERE470; CHG TITLE, DESC, PRE | | | | LAST UPDT: 12/19/12 APPROVED: 12/18/12 | | | | | | | | | | | | | | | |
| MSE 484 | MATERIALS CHEMISTRY Materials Chemistry | SPR/2006 - AUT/9999 | 3.0 | . | . | . | . | . | . | . | . | . | . | Y | . | . | . | . | . |
| 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 |
| COMMENT: WAS CERE470; CHG TITLE, DESC, PRE | | | | 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 | . | . | . | . | . | . | . | . | . | . | Y | . | . | M E | 487 M E | 487 |
| COMMENT: WAS CERE470; CHG TITLE, DESC, PRE | | | | LAST UPDT: 7/23/04 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 | | | | | | | | | | | | | | | |
| MSE 492 | DESIGN MTLN 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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| 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 |
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| | | | | -ALL U | GRD | | U N E | P | & N C M S N | A | S | W | T | P | | | |
| 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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| 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: 5/26/05 | | APPROVED: 5/23/05 | | | | | | | | | | | |
| 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 | | | | | | | | | | | |
| 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 | | | | | | | | | | | |

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| MSE 562 | INTRO ELECTRONC 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 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 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 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 | . | . | . | . | . | . | . | . | . | | | . |
| | COMMENT:CHG MAX CREDITS | | | LAST UPDT:12/18/12 | | APPROVED: 1/29/87 | | | | | | | | | | | |

