

| <b>Graduate School Governance Actions</b>       |   |   |
|---|---|---|
| <b>2024-2025 Academic Year</b>                  |   |   |
|   |   | <b>Graduate School</b>                          |
|   |   | <b>Courses</b>                                  |
| <b>Discontinued (232)</b>                       | GRAD 5224G: Adv Glob Aspect Intel Prop Law (Key: 5698)                        |   |
|   | GRAD 5414: Water for Health Seminar (Key: 5702)                               |   |
|   | GRAD 7764: Defending Educ Specialist (Key: 5707)                              |   |
|   | <b>Total Discontinued (232) Courses</b>                                       | <b>3</b>  |
|   |   | <b>Graduate Programs</b>                        |
| <b>Revised Major Concentrations/Tracks</b>      |   |   |
|   |   |   |
|   | <b>Total Revised Major Concentrations/Tracks</b>                              | <b>0</b>  |
| <b>Discontinued Major Concentrations/Tracks</b> |   |   |
|   |   |   |
|   | <b>Total Discontinued Major Concentrations/Tracks</b>                         | <b>0</b>  |
| <b>New Certificates</b>                         |   |   |
|   |   |   |
|   | <b>Total New Certificates</b>   | <b>0</b>  |
|   | <b>Total Graduate School Governance Actions</b>                               | <b>3</b>  |
|   |   | <b>College of Agriculture and Life Sciences</b> |
|   |   | <b>Courses</b>                                  |
| <b>New</b>                                      | AAEC 5064: Enviromental Economics & Policy (Key: 11035)                       |   |
|   | APSC 5344: Mammalian Embryology (Key: 11044)                                  |   |
|   | APSC 5534: Biosensors (Key: 11008)  |   |
|   | HNFE 5034: Foundations in Nutrition Counseling and Communication (Key: 11158) |   |
|   | HNFE 5414: Disordered Eating & Body Image (Key: 10982)                        |   |
|   | APSC 5224 : Animal Welfare Assessment (Key: 10914)                            |   |
|   | LDRS 5004 : Ethics in Leader/Follower Relationships (Key: 10891)              |   |
|   | <b>Total New Courses</b>  | <b>7</b>  |
| <b>Revised</b>                                  |   |   |
|   |   |   |
|   | <b>Total Revised Courses</b>  | <b>0</b>  |

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| <b>Discontinued</b>                              |   |  |
|  |   | <b>Total Discontinued Courses</b>  |
|  |   | <b>0</b>   |
| <b>Discontinued (232)</b>                        | AAEC 5114: Applied Microeconomic Theory (Key: 72)     |  |
|  | AAEC 6224: Food & Health Macro Economics (Key: 92)    |  |
|  | AAEC 6444: Regional and Urban Economics (Key: 97)     |  |
|  | ALCE 6804: Res Design Procedures ALCE (Key: 482)      |  |
|  | ALS 5034: Math Modeling Metab Systems (Key: 551)      |  |
|  | ALS 5064: Sem Mol Cell Biotech (Key: 554)             |  |
|  | ALS 5084: Adv Ruminant Nutr Colloquium (Key: 556)     |  |
|  | ALS 5115: Nutrition (Key: 562)                        |  |
|  | BCHM 5064: Sem Mol Cell Biotech (Key: 1288)           |  |
|  | CSES 5044: Modeling Managed Ecosystems (Key: 2863)    |  |
|  | CSES 5324: Blending Bus & Environment (Key: 2874)     |  |
|  | CSES 5774: Adv Rehab of Disturbed Lands (Key: 2890)   |  |
|  | ENT 5404: Insect Evolution and Diversity (Key: 4533)  |  |
|  | HNFE 5044: Sem Nutrition & Foods (Key: 6123)          |  |
|  | HNFE 5174: Nutrition for Sport & Exercise (Key: 6135) |  |
|  | HNFE 5364: Sports Nutrition Applications (Key: 6150)  |  |
|  | HNFE 5374: Sports Nutrition Practicum (Key: 6151)     |  |
|  | HNFE 5384: Research Dietetics Practicum (Key: 6152)   |  |
|  | HNFE 5424: Obesity and Weight Management (Key: 6154)  |  |
|  | HNFE 5434: Applications in Weight Mgt (Key: 6155)     |  |
|  | HNFE 5444: Weight Management Practicum (Key: 6156)    |  |
|  | HNFE 5604: Prin Pub Health Nutr (Key: 6159)           |  |
|  | HORT 5474: Adv Stud in Urban For Ecosys (Key: 6260)   |  |
|  | PPWS 5064: Sem Mol Cell Biotech (Key: 8881)           |  |
|  |   | <b>Total Discontinued (232) Courses</b>                                  |
|  |   | <b>24</b>  |
| <b>Revised Degrees</b>                           | Master of Science Nutrition and Dietetics (Key: 484)  |  |
|  |   | <b>Total Revised Degrees</b>   |
|  |   | <b>1</b>   |
|  |   | <b>Total College of Agriculture and Life Sciences Governance Actions</b> |
|  |   | <b>32</b>  |
| <b>College of Architecture, Arts, and Design</b> |   |  |
|  |   | <b>Courses</b>   |
| <b>New</b>                                       |   |  |
|  |   | <b>Total New Courses</b>   |
|  |   | <b>0</b>   |
| <b>Discontinued</b>                              |   |  |
|  |   | <b>Total Discontinued Courses</b>  |
|  |   | <b>0</b>   |

|                             |  |           |
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| <b>Discontinued (232)</b>   | ART 5514: Drawing Methods and Concepts (Key: 1080)                                   |           |
|                             | LAR 5264: TECT LAR II: Site & Process (Key: 6937)                                    |           |
|                             | LAR 5314: Research Topics in LAR (Key: 6939)   |           |
|                             | LAR 5344: Scholarship of Place (Key: 6942)   |           |
|                             | LAR 5364: TECT LAR III: Material Constr (Key: 6943)                                  |           |
|                             | LAR 5754: Thesis Studio (Key: 6950)  |           |
|                             | MUS 5714: Grd Ind Hist Wind Ins (Key: 8261)  |           |
|                             | MUS 5724: Grd Ind Hist Str Intr (Key: 8262)  |           |
|                             | TA 5616: Arts Management Studio I (Key: 10107)                                       |           |
|                             | TA 5625: Arts Management Studio II (Key: 10109)                                      |           |
|                             | TA 5626: Arts Management Studio II (Key: 10110)                                      |           |
|                             | TA 5635: Arts Management Studio III (Key: 10112)                                     |           |
|                             | TA 5636: Arts Management Studio III (Key: 10113)                                     |           |
|                             | <b>Total Discontinued (232) Courses</b>  | <b>13</b> |
|                             | <b>Graduate Programs</b>   |           |
| <b>New Certificates</b>     |  |           |
|                             | <b>Total New Certificates</b>  | <b>0</b>  |
| <b>Revised Certificates</b> |  |           |
|                             | <b>Total Revised Certificates</b>  | <b>0</b>  |
|                             | <b>Total College of Architecture, Arts, and Design Governance Actions</b>            | <b>13</b> |
|                             |  |           |
|                             | <b>Pamplin College of Business</b>   |           |
|                             | <b>Courses</b>   |           |
| <b>New</b>                  |  |           |
|                             | ACIS 5644: Applied Accounting Analytics (Key: 11015)                                 |           |
|                             | BIT 5514: Emerging Technology Transformation - Practical Implementation (Key: 11042) |           |
|                             | <b>Total New Courses</b>   | <b>2</b>  |
| <b>Revised</b>              |  |           |
|                             | <b>Total Revised Courses</b>   | <b>0</b>  |
| <b>Discontinued</b>         |  |           |
|                             | <b>Total Discontinued Courses</b>  | <b>0</b>  |
| <b>Discontinued (232)</b>   | ACIS 5044: Internatl Issues in Accounting (Key: 160)                                 |           |
|                             | ACIS 5294: Management Control Systems (Key: 170)                                     |           |
|                             | ACIS 5514: Mgt Of Info Systems (Key: 182)  |           |
|                             | BIT 5604: Mod Decis Mkng for Comp Advntg (Key: 1566)                                 |           |
|                             | BIT 5654: Project Management (Key: 1571)   |           |
|                             | FIN 5114: Interest Rates & Fixed Inc Sec (Key: 4763)                                 |           |

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|                                  | FIN 5174: Corporate Financial Risk Mgt (Key: 4769)                             |           |
|                                  | FIN 5744: Topics in Corporate Governance (Key: 4791)                           |           |
|                                  | MGT 5604: Team Building (Key: 7662)  |           |
|                                  | MGT 5664: Ethical Leadership (Key: 7668)                                       |           |
|                                  | MGT 5744: Topics in Corporate Governance (Key: 7675)                           |           |
|                                  | MKTG 5674: Marketing in Dynamic Contexts (Key: 7856)                           |           |
|                                  | <b>Total Discontinued (232) Courses</b>  | <b>12</b> |
| <b>Revised Degrees</b>           |  |           |
|                                  | <b>Total Revised Degrees</b>   | <b>0</b>  |
| <b>New Major</b>                 |  |           |
| <b>New Certificates</b>          |  |           |
|                                  | <b>Total New Certificates</b>  | <b>0</b>  |
| <b>Revised Certificates</b>      |  |           |
|                                  | <b>Total Revised Certificates</b>  | <b>0</b>  |
| <b>Discontinued Certificates</b> |  |           |
|                                  | <b>Total Discontinued Certificates</b>   | <b>0</b>  |
|                                  | <b>Total Pamplin College of Business Governance Actions</b>                    | <b>14</b> |
|                                  | <b>College of Engineering</b>  |           |
|                                  | <b>Courses</b>   |           |
| <b>New</b>                       | CHE 5024: Research Proposal Writing for Chemical Engineers (Key: 11139)        |           |
|                                  | CS 5134: Introduction to Quantum Computer Science (Key: 10971)                 |           |
|                                  | CS 5794: Introduction to Human-Centered Technology Design (Key: 10948)         |           |
|                                  | ISE 5634G: Human Factors in Transportation (Key: 10989)                        |           |
|                                  | ME 5024: Multiculturalism in Engineering (Key: 11038)                          |           |
|                                  | ISE 5334: Statistical Learning and Data Science (Key: 10941)                   |           |
|                                  | ECE 6514 : Trustworthy Machine Learning (Key: 3191)                            |           |
|                                  | ECE 5694: Nonlinearity & Predictability in the Real-World (Key: 10969)         |           |
|                                  | ECE 5344 : Grid-Forming Inverters for HVDC, FACTS, and Renewables (Key: 10928) |           |
|                                  | BMES 5274 : Advanced Laboratory Techniques in Injury Prevention (Key: 10940)   |           |
|                                  | ME 6454 : Microfluidics and Nanofluidics (Key: 10889)                          |           |
|                                  | CEE 5054: Project Control of Built Infrastructure (Key: 11053)                 |           |
|                                  | CEE 5064: Construction Project Dynamics (Key: 11054)                           |           |
|                                  | ME 6604: Model Predictive Control for Agile Robots (Key: 7331)                 |           |
|                                  | <b>Total New Courses</b>   | <b>14</b> |
| <b>Revised</b>                   | BSE 5124: Probability Models in Agricultural Engineering (Key: 1845)           |           |

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|---------------------------|--|------------------------------|
|                           | CS 5040: Intermediate Data Structures and Algorithm Analysis (Key: 2728)                       |                              |
|                           | BMES 5554: Imaging and Computing in Medicine (Key: 1657)                                       |                              |
|                           | ISE 5015: Management of Change, Innovation & Performance in Organizational Systems (Key: 6645) |                              |
|                           | ISE 5016: Management of Change, Innovation & Performance in Organizational Systems (Key: 6646) |                              |
|                           |  | <b>Total Revised Courses</b> |
| <b>Discontinued (232)</b> | AOE 5844: Wave Mechanics (Key: 731)  | <b>5</b>                     |
|                           | AOE 6024: Aeroelasticity (Key: 734)  |                              |
|                           | BC 5264G: Adv Fundamentals of Const Mgt (Key: 1242)  |                              |
|                           | BMES 5306: Cardiovas Mechanics (Key: 1645)   |                              |
|                           | CEE 5010: Schedule Impact Analysis (Key: 1975)   |                              |
|                           | CEE 5044: Const Res Pre (Key: 1981)  |                              |
|                           | CEE 5094: CII Best Practices (Key: 1991)   |                              |
|                           | CEE 5100: Stormwater Treatment (Key: 1992)   |                              |
|                           | CEE 5134: Engr Aspts Water Qual (Key: 2001)  |                              |
|                           | CEE 5154: Air Pollution Transport Chem (Key: 2005)   |                              |
|                           | CEE 5480: Steel Bridge Design (Key: 2048)  |                              |
|                           | CEE 5494: Reli Meth in Str Mech (Key: 2051)  |                              |
|                           | CEE 5734: Urban Hydrology (Key: 2086)  |                              |
|                           | CEE 5844: Wave Mechanics (Key: 2096)   |                              |
|                           | CEE 6114: Advanced Air Quality Engr (Key: 2104)  |                              |
|                           | CEE 6404: Dynamics of Structures (Key: 2105)   |                              |
|                           | CEE 6844: Current Topics in Coastal Eng (Key: 2112)  |                              |
|                           | CHE 5014: Presentation Skills (Key: 2169)  |                              |
|                           | CHE 5034: Intro Polymer Materials (Key: 2170)  |                              |
|                           | CHE 5304G: Advanced Biological Transport (Key: 2184)   |                              |
|                           | CHE 5564: Non-Newtonian Fluid Mechanics (Key: 2192)  |                              |
|                           | CNST 5234: Construction Project Ldrshp (Key: 2457)   |                              |
|                           | CNST 5304: Constru Safety System Design (Key: 2458)  |                              |
|                           | CS 5465: Numerical Analysis (Key: 2748)  |                              |
|                           | CS 5466: Numerical Analysis (Key: 2749)  |                              |
|                           | CS 6424: PGMs and Structured Prediction (Key: 2795)  |                              |
|                           | CS 6504: Adv Tops Architecture (Key: 2797)   |                              |
|                           | ECE 5534: Electronic Design Automation (Key: 3123)   |                              |
|                           | ECE 6124: Advanced Numerical EM (Key: 3176)  |                              |
|                           | ENGR 5004: Syst Engr Process (Key: 4470)   |                              |
|                           | ESM 5306: Cardiovas Mechanics (Key: 4644)  |                              |
|                           | ESM 5524: Compressible Flow I (Key: 4658)  |                              |
|                           | ESM 6044: Theory of Plates and Shells (Key: 4673)  |                              |

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|   | ISE 5464: Queueing Theory (Key: 6672)                       |           |
|   | ISE 6474: Reliability Theory (Key: 6710)                    |           |
|   | ME 5344G: Advanced Biological Transport (Key: 7268)         |           |
|   | ME 5736G: Advanced Mechatronics (Key: 7301)                 |           |
|   | ME 5874: Experimental Robotics (Key: 7313)                  |           |
|   | MINE 5224: Flow & Trnspt in Petro Resv (Key: 7791)          |           |
|   | MINE 5244: Geophys Inv in Geoenergy Eng (Key: 7793)         |           |
|   | MINE 6034: Chemistry of Flotation (Key: 7798)               |           |
|   | MSE 5134: Transmission Electron Microsc (Key: 8054)         |           |
|   | MSE 5234: Mater Sci Surfaces Interfaces (Key: 8065)         |           |
|   | MSE 5584: Biomimetic Material Design (Key: 8075)            |           |
|   | <b>Total Discontinued (232) Courses</b>                     | <b>44</b> |
| <b>Discontinued</b>                                 |   |           |
|   | <b>Total Discontinued Courses</b>                           | <b>0</b>  |
|   | <b>Graduate Programs</b>                                    |           |
| <b>New Degrees</b>                                  |   |           |
|   | <b>Total New Degrees</b>                                    | <b>0</b>  |
| <b>Revised Majors</b>                               |   |           |
|   | <b>Total Revised Majors</b>                                 | <b>0</b>  |
| <b>New Major Options</b>                            | Global Business Analytics (Key: 483)                        |           |
|   | <b>Total New Major Options</b>                              | <b>1</b>  |
| <b>Degree Title Changes</b>                         |   |           |
|   | <b>Total Degree Title Changes</b>                           | <b>0</b>  |
| <b>New Certificates</b>                             |   |           |
|   | <b>Total New Certificates</b>                               | <b>0</b>  |
| <b>Revised Certificates</b>                         |   |           |
|   | <b>Total Revised Certificates</b>                           | <b>0</b>  |
| <b>Discontinued Certificates</b>                    |   |           |
|   | <b>Total Discontinued Certificates</b>                      | <b>0</b>  |
|   | <b>Total College of Engineering Governance Actions</b>      | <b>64</b> |
| <b>College of Liberal Arts &amp; Human Sciences</b> |   |           |
|   | <b>Courses</b>  |           |
| <b>New</b>  | ADV 5554: Health Communication Campaigns (Key: 2580)        |           |
|   | SOC 5664: Disasters and Society (Key: 10963)                |           |
|   | STS 5204: History of Science and Technology (Key: 10978)    |           |
|   | STS 5304: Philosophy of Science and Technology (Key: 10979) |           |

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|                           | STS 6014: Contemporary STS (Key: 10968)                                      |           |
|                           | EDHE 5354 : Crisis Management in Higher Education (Key: 10894)               |           |
|                           | EDCI 5394 : Culturally Responsive Teaching in Music Education (Key: 10923)   |           |
|                           | EDCI 5384 : Foundations of Music Education (Key: 3558)                       |           |
|                           | SOC 5454: Topics in Sociology (Key: 11207)                                   |           |
|                           | SOC 6454: Advanced Topics in Sociology (Key: 11203)                          |           |
|                           | <b>Total New Courses</b>   | <b>10</b> |
| <b>Revised</b>            | STS 5024: Introduction to Science and Technology Studies (Key: 9962)         |           |
|                           | STS 5504: Social and Cultural Studies of Science and Technology (Key: 10961) |           |
|                           | STS 5514: Research Designs and Practices for STS (Key: 9979)                 |           |
|                           | STS 5614: Introduction to Science and Technology Policy (Key: 9981)          |           |
|                           | <b>Total Revised Courses</b>   | <b>4</b>  |
| <b>Discontinued</b>       |  |           |
|                           | <b>Total Discontinued Courses</b>  | <b>0</b>  |
| <b>Discontinued (232)</b> | ASPT 6224: Distributive Justice (Key: 1114)                                  |           |
|                           | CMST 5564: Persuasion & Social Influence (Key: 2439)                         |           |
|                           | CMST 5614: Rhetorical Theory & Criticism (Key: 2440)                         |           |
|                           | CMST 5634: Social Movement Campaigns (Key: 2441)                             |           |
|                           | EDCI 5214: Lng Thry Rdg Writ Exp (Key: 3541)                                 |           |
|                           | EDCI 5234: Adv C&I El/Mid Math (Key: 3543)                                   |           |
|                           | EDCI 5314: Teach Choral Instrumental (Key: 3551)                             |           |
|                           | EDCI 5344: Review of Literary Research (Key: 3554)                           |           |
|                           | EDCI 5384: Foundations of Music Education (Key: 3558)                        |           |
|                           | EDCI 5555: Reading Specialist Practicum (Key: 3572)                          |           |
|                           | EDCI 5605: Leadership Math Education (Key: 3579)                             |           |
|                           | EDCI 5614: Topics for In-Service Teachers (Key: 3581)                        |           |
|                           | EDCI 6034: Education and Anthropology (Key: 3610)                            |           |
|                           | EDCI 6506: Reading Research Seminar (Key: 3623)                              |           |
|                           | EDEL 5104: Fnd Education P-12 Leadership (Key: 3742)                         |           |
|                           | EDEL 5604: Graduate Seminar in Education (Key: 3747)                         |           |
|                           | EDP 5184: Practice-Based Res Methods (Key: 3894)                             |           |
|                           | EDP 5284: Adv Practice-Based Res Methods (Key: 3895)                         |           |
|                           | EDRE 6744: Mxd Method Research Dsgn (Key: 3975)                              |           |
|                           | EDRE 6784: Adv Issues in Qual Research (Key: 3979)                           |           |
|                           | ENGL 5064: Topics in Language (Key: 4385)                                    |           |
|                           | ENGL 5094: Collab Research Practicum (Key: 4388)                             |           |
|                           | ENGL 5454: Studies in Theory (Key: 4404)                                     |           |
|                           | ENGL 5534: Studies in Literary History (Key: 4409)                           |           |

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|  | ENGL 6374: Field Methods of Research (Key: 4431)       |  |
|  | ENGL 6744: New Media Writing Workshop (Key: 4439)      |  |
|  | GIA 5264: Globl Change & Local Impacts (Key: 5629)     |  |
|  | GIA 5454: Adv Info Tech Policy (Key: 5642)             |  |
|  | GIA 5564: Women and Globalization (Key: 5651)          |  |
|  | GIA 5634: Global Social Policy (Key: 5656)             |  |
|  | GIA 5914: Peace Corps Service Credits (Key: 5664)      |  |
|  | GIA 6134: Topics in Conflict Analysis (Key: 5667)      |  |
|  | GIA 6144: Topics in Global Governance (Key: 5668)      |  |
|  | PAPA 5024: Intro Public & Nonprof Fin Mgt (Key: 8534)  |  |
|  | PAPA 5674: Fin Hlth Public & Non-Prft Org (Key: 8548)  |  |
|  | HD 5114: Adult Dev & Aging II (Key: 5767)              |  |
|  | HD 5404: Systems Theory & Fam Therapy (Key: 5780)      |  |
|  | HD 5434: Clinical MFT I (Key: 5783)                    |  |
|  | HD 5664: Internship in HD (Key: 5796)                  |  |
|  | HD 5724: Couples Therapy (Key: 5798)                   |  |
|  | HD 5734: MFT Techniques (Key: 5799)                    |  |
|  | HD 6214: Parent-Child Interaction (Key: 5806)          |  |
|  | HIST 5534: Imperialism (Key: 6015)                     |  |
|  | JMC 5414: Mass Media Effects (Key: 6806)               |  |
|  | JMC 5424: Media Criticism (Key: 6807)                  |  |
|  | JMC 5444: New Communication Technology (Key: 6808)     |  |
|  | JMC 5454: Mass Media Theory (Key: 6809)                |  |
|  | LAHS 5034: Gerontol Leadership Capstone (Key: 6867)    |  |
|  | PHIL 5305: Phil Mod Sci & Tech (Key: 8623)             |  |
|  | PHIL 5344: History of Ethics (Key: 8627)               |  |
|  | PHIL 6224: Distributive Justice (Key: 8634)            |  |
|  | PSCI 5564: Women and Globalization (Key : 9122)        |  |
|  | SOC 5414: Crime and Control (Key: 9629)                |  |
|  | SOC 5424: Juvenile Delinquency Justice (Key: 9630)     |  |
|  | SOC 5614: Race Ethnic Health Disparities (Key: 9635)   |  |
|  | SOC 5764G: Adv Intl Dev Planning & Policy (Key: 9640)  |  |
|  | SOC 6414: Theories Crime & Delinquency (Key: 9649)     |  |
|  | SPIA 5624: Decision-making NPOs NGOs (Key: 9771)       |  |
|  | SPIA 5654: Capital Debt Mgt Public Nonpr (Key : 9774)  |  |
|  | SPIA 6006: Sem Env Plan (Key: 9777)                    |  |
|  | STS 5305: Phil Mod Sci & Tech (Key: 9972)              |  |
|  | UAP 5064G: Adv Pollution Cntrl Plan & Pol (Key: 10194) |  |



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|   | UAP 5104: Urban/Regl Developmt (Key: 10198)                                  |                |
|   | UAP 5264G: Adv Environ Ethics & Policy (Key: 10218)                          |                |
|   | UAP 5354: Charity and Philanthropy (Key: 10225)                              |                |
|   | UAP 5364: NGOS in Development (Key: 10226)                                   |                |
|   | UAP 5434: Urb Dev Proj Review (Key: 10233)                                   |                |
|   | UAP 5484: Adv Research Methods (Key: 10238)                                  |                |
|   | UAP 5614: Topics in City Design Policy (Key: 10251)                          |                |
|   | UAP 5674: Fin Hlth Public & Non-Prft Org (Key: 10257)                        |                |
|   | UAP 5764G: Adv Intl Dev Planning & Policy (Key: 10266)                       |                |
|   | UAP 5914: Peace Corps Service (Key: 10275)                                   |                |
|   | WGS 5564: Women and Globalization (Key: 10705)                               |                |
|   | <b>Total Discontinued (232) Courses</b>                                      | <b>73</b>      |
|   | <b>Graduate Programs</b>   |                |
| <b>New Degrees</b>                                  |  |                |
|   | <b>Total New Degrees</b>   | <b>0</b>       |
| <b>Relocated Degrees</b>                            | MA: Material Culture & Public Humanities (Key: 432)                          |                |
|   | <b>Total Relocated Degrees</b>   | <b>1</b>       |
| <b>Discontinued Degrees</b>                         |  |                |
|   | <b>Total Discontinued Degrees</b>  | <b>0</b>       |
| <b>New Majors</b>                                   |  |                |
|   | <b>Total New Majors</b>  | <b>0</b>       |
| <b>Revised Majors</b>                               |  |                |
|   | <b>Total Revised Majors</b>  | <b>0</b>       |
| <b>Degree Title Changes</b>                         |  |                |
|   | <b>Total Degree Title Changes</b>  | <b>0</b>       |
| <b>New Certificates</b>                             | Health Communication (Key: 440)  |                |
|   | <b>Total New Certificates</b>  | <b>1</b>       |
| <b>Discontinued Certificates</b>                    |  |                |
|   | <b>Total Discontinued Certificates</b>                                       | <b>0</b>       |
|   | <b>Total College of Liberal Arts &amp; Human Sciences Governance Actions</b> | <b>89</b>      |
| <b>College of Natural Resources and Environment</b> |  |                |
|   |  | <b>Courses</b> |
| <b>New</b>  | FIW 5124: Research Design in Social and Ecological Sciences (Key: 11070)     |                |
|   | SBIO 5104: Packaging Development (Key: 10954)                                |                |
|   | SBIO 5434: Sustainable Packaging Materials and Management (Key: 10957)       |                |
|   | SBIO 5664: Advanced Packaging Dynamics (Key: 01959)                          |                |

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|                           | FREC 5174 : Ecological Modeling and Forecasting (Key: 10904)                             |  |
|                           | FREC 5214 : College Teaching in Natural Resources (Key: 5138)                            |  |
|                           | GEOG 5284G : Advanced Human Dimensions of Coastal Social-Ecological Systems (Key: 10888) |  |
|                           | GEOG 5254G : Advanced R Programming for Geospatial Applications (Key: 10906)             |  |
|                           |  | <b>Total New Courses</b> <b>8</b>  |
| <b>Revised</b>            | GEOG 5164G: Advanced Qualitative Methods & Ethics in Geography (Key: 11250)              |  |
|                           |  | <b>Total Revised Courses</b> <b>1</b>  |
| <b>Discontinued</b>       |  |  |
|                           |  | <b>Total Discontinued Courses</b> <b>0</b>   |
| <b>Discontinued (232)</b> | FIW 5254: Design&Analysis Field Study (Key: 4842)  |  |
|                           | FIW 5624G: Advanced Marine Ecology (Key: 4855)   |  |
|                           | FIW 5814: Stream Habitat Management (Key: 4862)  |  |
|                           | FIW 6114: Applied Conservation Genetics (Key: 4864)                                      |  |
|                           | FREC 5204: Ecosystems and Climate (Key: 5137)  |  |
|                           | FREC 5214: College Teaching in Nat Res (Key: 5138)                                       |  |
|                           | FREC 5334: Plant Water Relations (Key: 5143)   |  |
|                           | FREC 5474: Adv Stud in Urban For Ecosys (Key: 5152)                                      |  |
|                           | GEOG 5764G: Adv Intl Dev Planning & Policy (Key: 5354)                                   |  |
|                           | NR 5244: Innovating Water Partnerships (Key: 8471)                                       |  |
|                           | NR 5674: Environmental Forensics (Key: 8493)   |  |
|                           | NR 5864: Sustainability Science (Key: 8503)  |  |
|                           | SBIO 5614: FPr Mktg & Mgt (Key: 9537)  |  |
|                           |  | <b>Total Discontinued (232) Courses</b> <b>13</b>                                      |
|                           |  | <b>Total College of Natural Resources and Environment Governance Actions</b> <b>22</b> |
| <b>College of Science</b> |  |  |
| <b>Courses</b>            |  |  |
| <b>New</b>                | MATH 5134: Coding Theory and Applications (Key: 11028)                                   |  |
|                           | MATH 5174: Mathematics of Public-Key Cryptography (Key: 11017)                           |  |
|                           | STAT 5274 : Advanced Sports Analytics Statistical Research (Key: 10920)                  |  |
|                           |  | <b>Total New Courses</b> <b>3</b>  |
| <b>Revised</b>            | BIOL 5624: Advanced Microbial Genetics (Key: 1473)                                       |  |
|                           |  | <b>Total Revised Courses</b> <b>1</b>  |
| <b>Discontinued</b>       |  |  |
|                           |  | <b>Total Discontinued Courses</b> <b>0</b>   |
| <b>Discontinued (232)</b> | BIOL 5064: Sem Mol Cell Biotech (Key: 1442)  |  |
|                           | BIOL 6704: Topics in Immunology (Key: 1502)  |  |

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|                             | CHEM 5014: Presentation Skills (Key: 2281)            |  |
|                             | CHEM 5144: Instrument Design (Key: 2290)              |  |
|                             | CHEM 5664: Chemical Kinetics (Key: 2310)              |  |
|                             | CHEM 5834: Food, Energy & Water Chemistry (Key: 2314) |  |
|                             | CHEM 5854: Entrepreneurship in Med Chem (Key: 2315)   |  |
|                             | ECON 5144: Antitrust and Regulation (Key: 3275)       |  |
|                             | ECON 5154: Empirical IO (Key: 3276)                   |  |
|                             | ECON 6204: Public Economics (Key: 3301)               |  |
|                             | GEOS 5424: Structural Petrology (Key: 5550)           |  |
|                             | GEOS 5804: Quantitative Hydrogeology (Key: 5569)      |  |
|                             | GEOS 6504: Advanced Topics in Mineralogy (Key: 5580)  |  |
|                             | MATH 5426: Ap Par Dif Equa (Key: 7119)                |  |
|                             | MATH 5465: Numerical Analysis (Key: 7125)             |  |
|                             | MATH 5466: Numerical Analysis (Key: 7126)             |  |
|                             | NEUR 5064: Cog & Behav Neuroscience (Key: 8433)       |  |
|                             | NEUR 5364G: Adv Neuro of Lang & Comm (Key: 8436)      |  |
|                             | NEUR 6014: Glial Biology (Key: 8842)                  |  |
|                             | PHYS 5504: Nuclear and Particle Physics (Key: 8779)   |  |
|                             | PHYS 6556: Advanced Solid-State Physics (Key: 8808)   |  |
|                             | PHYS 6676: Gen Relativity Cosmol (Key: 8812)          |  |
|                             | PHYS 6714: Sel Topics Theor Phys (Key: 8813)          |  |
|                             | PSYC 5374: Health Psychology (Key: 9234)              |  |
|                             | PSYC 5544: Cognitive Development (Key: 9237)          |  |
|                             | PSYC 6924: Adv Topics Industrial Psyc (Key: 9251)     |  |
|                             | STAT 5314: Monte Carlo Methods in Stats (Key: 9844)   |  |
|                             | STAT 5364: Hierarchical Modeling (Key: 9849)          |  |
|                             | STAT 5594: Topics in Biostatistics (Key: 9876)        |  |
|                             | STAT 6424: Multivariate Analysis (Key: 9901)          |  |
|                             | STAT 6494: Adv Topics Math Stat (Key: 9906)           |  |
|                             | STAT 6574: Response Surface II (Key: 9912)            |  |
|                             |   | <b>Total Discontinued (232) Courses</b> <b>32</b>            |
| <b>Discontinued Degrees</b> |   |  |
|                             |   | <b>Total Discontinued Degrees</b> <b>0</b>                   |
| <b>Revised Majors</b>       |   |  |
|                             |   | <b>Total Revised Majors</b> <b>0</b>                         |
| <b>New Certificates</b>     |   |  |
|                             |   | <b>Total New Certificates</b> <b>0</b>                       |
|                             |   | <b>Total College of Science Governance Actions</b> <b>36</b> |

|                           |  | <b>Virginia-Maryland Regional College of Veterinary Medicine</b> |          |
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|                           |  | <b>Courses</b>   |          |
| <b>New</b>                | BMVS 5114: Critical Skills in Biomedical Research (Key: 11024) |  |          |
|                           |  | <b>Total New Courses</b>   | <b>1</b> |
| <b>Revised</b>            |  |  |          |
|                           |  | <b>Total Revised Courses</b>                                     | <b>0</b> |
| <b>Discontinued</b>       |  |  |          |
|                           |  | <b>Total Discontinued Courses</b>                                | <b>0</b> |
| <b>Discontinued (232)</b> | BMVS 5006: Emerging Infectious Diseases (Key: 1696)            |  |          |
|                           | BMVS 5044: Veterinary Immunology (Key: 1700)                   |  |          |
|                           | BMVS 5444: Veterinary Anatomy II (Key: 1731)                   |  |          |
|                           | BMVS 5454: Veterinary Physiology I (Key: 1732)                 |  |          |
|                           | BMVS 5464: Veterinary Physiology II (Key: 1733)                |  |          |
|                           | BMVS 5704: Veterinary Cytopathology (Key: 1750)                |  |          |
|                           | BMVS 5744: Veterinary Parasitology (Key: 1753)                 |  |          |
|                           | BMVS 6514: Equine Theriogenology (Key: 1772)                   |  |          |
|                           | BMVS 6554: Advanced Epidemiology (Key: 1774)                   |  |          |
|                           | BMVS 6564: Adv Vet Public Health (Key: 1775)                   |  |          |
|                           | BMVS 6594: International Vet Medicine (Key: 1778)              |  |          |
|                           | VM 7304: Zoonoses & Infectious Disease (Key: 10351)            |  |          |
|                           | VM 7540: Pub Hth Epi & Stats in Vetmed (Key: 10353)            |  |          |
|                           | VM 8184: Becoming a Professional I (Key: 10379)                |  |          |
|                           | VM 8344: Veterinary Ophthalmology (Key: 10395)                 |  |          |
|                           | VM 8434: Veterinary Public Health (Key: 10405)                 |  |          |
|                           | VM 8444: Veterinary Anesthesiology (Key: 10406)                |  |          |
|                           | VM 8474: Reproductive Pathology (Key: 10409)                   |  |          |
|                           | VM 8514: Equine Theriogenology I (Key: 10416)                  |  |          |
|                           | VM 8544: Veterinary Radiology (Key: 10419)                     |  |          |
|                           | VM 8585: Small Animal Medicine (Key: 10424)                    |  |          |
|                           | VM 8586: Small Animal Medicine (Key: 10425)                    |  |          |
|                           | VM 8587: Small Animal Medicine (Key: 10426)                    |  |          |
|                           | VM 8614: Veterinary Gastroenterology (Key: 10430)              |  |          |
|                           | VM 8616: Food Animal Medicine and Surgery (Key: 10432)         |  |          |
|                           | VM 8624: Vet Surgical Prin & Practicals (Key: 10433)           |  |          |
|                           | VM 8644: Urology (Key: 10435)                                  |  |          |
|                           | VM 8654: Veterinary Neurology (Key: 10436)                     |  |          |

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|                           | VM 8674: Vet Hemolymphatic System (Key: 10442)   |            |
|                           | VM 8684: Advanced Epidemiology (Key: 10444)  |            |
|                           | VM 8694: Adv SA Clin Tech (Key: 10448)   |            |
|                           | VM 8695: Equine Medicine and Surgery (Key: 10449)  |            |
|                           | VM 8764: Vet Derm & Endocrinol (Key: 10457)  |            |
|                           | <b>Total Discontinued (232) Courses</b>  | <b>33</b>  |
|                           | <b>Total Virginia-Maryland Regional College of Veterinary Medicine Governance Actions</b>                        | <b>34</b>  |
|                           | <b>Virginia Tech Carilion School of Medicine</b>   |            |
|                           | <b>Courses</b>   |            |
| <b>New</b>                | MED 9325: Procedures and Pharmacology in Physical Medicine and Rehabilitation (Key: 11031)                       |            |
|                           | MED 9080: Integrated Foundational Sciences 1 (Key: 11129)  |            |
|                           | MED 9083: Research & Inquiry 1 (Key: 11132)  |            |
|                           | MED 9086: Health Systems Science and Interprofessional Practice 1 (Key: 11133)                                   |            |
|                           | MED 9090: Topics in Professions of Medicine (Key: 11130)   |            |
|                           | MED 9091: Topics in Community and Clinical Immersion (Key: 11131)  |            |
|                           | MED 9513: Substance Use Disorder in Pregnancy (Key: 10953)   |            |
|                           | MED 9P08: Health Systems Science in Action: Departmental Leadership (Key: 11030)                                 |            |
|                           | MED 9712: Acting Internship in Child and Adolescent Psychiatry (Key: 10955)                                      |            |
|                           | MED 9948: Acting Internship in Urology (Key: 10956)  |            |
|                           | MED 9G17: Medical Spanish & Introduction to Tropical Medicine (Key: 11029)                                       |            |
|                           | MED 9P09: Global Neurosurgery (Key: 11138)   |            |
|                           | <b>Total New Courses</b>   | <b>12</b>  |
| <b>Revised</b>            | MED 9202: Post-acute and Ambulatory Geriatrics (Key: 7403)   |            |
|                           | <b>Total Revised Courses</b>   | <b>1</b>   |
| <b>Discontinued</b>       |  |            |
|                           | <b>Total Discontinued Courses</b>  | <b>0</b>   |
| <b>Discontinued (232)</b> |  |            |
|                           | <b>Total Discontinued (232) Courses</b>  | <b>0</b>   |
|                           | <b>Total Virginia Tech Carilion School of Medicine Governance Actions</b>  | <b>13</b>  |
|                           | <b>Summary of Graduate Governance Actions</b>  |            |
|                           |  |            |
|                           | <b>New Courses</b>   | <b>45</b>  |
|                           | <b>Revised Courses</b>   | <b>11</b>  |
|                           | <b>Discontinued (Upon Approval of New Course) Courses</b>  | <b>0</b>   |
|                           | <b>Discontinued (PPM No. 232, Policy on Untaught (&gt;3 years) Courses from Graduate School Catalog - Report</b> | <b>247</b> |

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|--|---|------------|
|  | <b>Subtotal Courses</b>                         | <b>303</b> |
|  |   |            |
|  | <b>New Degrees</b>                              | <b>0</b>   |
|  | <b>Revised Degrees</b>                          | <b>1</b>   |
|  | <b>Relocated Degrees</b>                        | <b>1</b>   |
|  | <b>Discontinued Degrees</b>                     | <b>0</b>   |
|  | <b>New Majors</b>                               | <b>0</b>   |
|  | <b>Revised Majors</b>                           | <b>0</b>   |
|  | <b>New Major Options</b>                        | <b>1</b>   |
|  | <b>Revised Major Options</b>                    | <b>0</b>   |
|  | <b>Degree Title Changes</b>                     | <b>0</b>   |
|  | <b>New Certificates</b>                         | <b>1</b>   |
|  | <b>Revised Certificates</b>                     | <b>0</b>   |
|  | <b>Discontinued Certificates</b>                | <b>0</b>   |
|  | <b>Subtotal Graduate Programs</b>               | <b>4</b>   |
|  | <b>Total Graduate School Governance Actions</b> | <b>307</b> |