

University Graduate Council Minutes

Tuesday, December 14, 2021 at 3:15pm

Meeting held via Zoom

Members Present: Drs. Daniel Bullard, Karolina Aberg, Jill Bettinger, Kimberly Compton, Jair Lecky, Nicole Lee, Daniel Lee, Nastassja Lewinski, Oonagh Loughran, Carla Nye, Julie Patterson, Maïke Philipsen, Angela Reynolds, Jo Robins, Sarah Seashols-Williams, Rita Shiang, Fengchun Tang, and Peter Uetz

Guest: Lisa Anderson, Meredith Baines, Paul Brooks, Kellie Carlyle, Nathan Carroll, Dawn Fields Crichlow, Stephen Fong, Tracey Gendron, Austen Gouldman, Robert Gowdy, Alena Hampton, Courtney Holmes, Carole Ivey, Cindy Kirkwood, Anette Loughran-Fjeldstad, Maghboeba Mosavel, Damian Pitt, Veronica Powell Shuford, John Quillin, Allison Schumacher, Shelly Smith, Terri Sullivan, Jennifer Tennison, and Jayaraman Vijayakumar

I. The November 2021 UGC minutes were approved electronically.

II. Action Items

College of Engineering and School of Pharmacy – APPROVED

Department of Chemical Life Science Engineering and Pharmaceutics

Program Revision

- PHD-PME : Pharmaceutical Engineering

College of Health Professions – ALL APPROVED

New Dual Degree/Certificate Programs

- MHA:CGR AGS : Health Administration, Master of (M.H.A.)/Aging Studies, Certificate in (Graduate certificate) [dual degree and certificate]
- MSW:CGR AGS : Social Work, Master of (M.S.W.)/Aging Studies, Certificate in (Graduate certificate) [dual degree and certificate]
- MS:CGR AGS : Patient Counseling, Master of Science (M.S.) accelerated chaplain certification concentration/Aging Studies, Certificate in (Graduate certificate) [dual degree and certificate]
- DPHA:CGR AGS : Pharmacy, Doctor of (Pharm.D.)/Aging Studies, Certificate in (Graduate certificate) [dual degree and certificate]
- DPT:CGR AGS : Physical Therapy, Doctor of (D.P.T.)/Aging Studies, Certificate in (Graduate certificate) [dual degree and certificate]
- OTD:CGR AGS : Occupational Therapy Doctorate (O.T.D.)/Aging Studies, Certificate in (Graduate certificate) [dual degree and certificate]
- PHD:CGR AGS : Health Related Sciences, Doctor of Philosophy (Ph.D.)/Aging Studies, Certificate in (Graduate certificate) [dual degree and certificate program]

Department of Hospital and Health Administration

New Certificate Program

- CGR-HCF : Health Care Financial Management, Certificate in (Graduate certificate)

Department of Occupational Therapy

New Dual Degree Program

- OTD:PHD HRS : Occupational Therapy Doctorate (O.T.D.)/Health Related Sciences, Doctor of Philosophy (Ph.D) [dual degree]

Department of Rehabilitation Counseling

Permanent Suspension of Admission

- MS-RMH : Rehabilitation and Mental Health Counseling, Master of Science (M.S.)

College of Humanities and Sciences – ALL APPROVED

Department of Biology

New Accelerated Program

- BS:MS BIO : Accelerated opportunities tab for biology to FRSC forensic biology concentration

Department of Forensic Science

Program Revisions

- MS-FOS-FCTR : Forensic Science, Master of Science (M.S.) with a concentration in forensic chemistry/trace
- MS-FOS-FPAN : Forensic Science, Master of Science (M.S.) with a concentration in forensic physical analysis
- MS-FOS-FY : Forensic Science, Master of Science (M.S.) with a concentration in forensic biology
- MS-FOS-FCDT : Forensic Science, Master of Science (M.S.) with a concentration in forensic chemistry/drugs and toxicology

Accelerated Program

- BS:MS FOS : Accelerated opportunities tab for forensic science

Department of Physics & Physical Science

Accelerated Program

- BS:MS PHY : Accelerated opportunities tab for physics

Program Revision

- MS-PHZ : Physics and Applied Physics, Master of Science (M.S.)

Department of Psychology

Program Revision

- PHD-PSN : Counseling Psychology, Doctor of Philosophy (Ph.D.)

Department of Kinesiology and Health Sciences

New Accelerated Program

- BS:MS HPX : Accelerated opportunities tab for HPEX and gerontology

Department of Sociology

New Accelerated Program

- BS:MS SOC : Accelerated opportunities tab for sociology to gerontology

da Vinci Center – APPROVED

da Vinci Center-Dean's Office

Program Revision

- MPI-PRI : Product Innovation, Master of (M.P.I.)

School of the Arts – ALL APPROVED

Arts-Dean's Office

Temporary Suspension of Admission into a Concentration

- MFA-FNA-FB : Fine Arts, Master of Fine Arts (M.F.A.) with a concentration in fibers
- MFA-FNA-FD : Fine Arts, Master of Fine Arts (M.F.A.) with a concentration in furniture design

Department of Theatre

Temporary Suspension of Admission into a Concentration

- MFA-THE-CD : Theatre, Master of Fine Arts (M.F.A.) with a concentration in costume design
- MFA-THE-T1PE : Theatre, Master of Fine Arts (M.F.A.) with a concentration in pedagogy/performance

School of Business – ALL APPROVED

Business-Dean's Office

Program Revision

- MACC-ACY-DQ : Accountancy, Master of (M.Acc.) with a concentration in data analytics

Department of Information Systems

Concentration Closure

- MS-ISY-FTTM : Information Systems, Master of Science (M.S.) with a concentration in information technology management [Executive]

School of Business...continued – ALL APPROVED

Department of Information Systems

New Certificate Programs

- CGR-RSA : Information Risk, Security and Assurance, Certificate in (Graduate certificate)
- CGR-DSM : Data Science for Management, Certificate in (Graduate certificate)

Department of Management and Entrepreneurship

New Dual Degree Programs

- MBA:MACC ACY : Business Administration, Master of (M.B.A.)/Accountancy, Master of (M.Acc.) with a concentration in data analytics [dual degree]
- MBA:MS BUS : Business Administration, Master of (M.B.A.)/Business, Master of Science (M.S.) with a concentration in finance [dual degree]
- MBA:MS BUS : Business Administration, Master of (M.B.A.)/Business, Master of Science (M.S.) with a concentration in marketing management [dual degree]
- MBA:MS BUS : Business Administration, Master of (M.B.A.)/Business, Master of Science (M.S.) with a concentration in real estate [dual degree]
- MBA:MSCM SCM : Business Administration, Master of (M.B.A.)/Supply Chain Management, Master of (M.S.C.M.) [dual degree]
- MBA:MSL SPL : Business Administration, Master of (M.B.A.)/Sport Leadership, Master of (M.S.L.) [dual degree]
- MBA:MPI PRI : Business Administration, Master of (M.B.A.)/Product Innovation, Master of (M.P.I.) [dual degree]
- MBA:MS ISY : Business Administration, Master of (M.B.A.)/Information Systems, Master of Science (M.S.) [dual degree]
- MBA:MDA DCA : Business Administration, Master of (M.B.A.)/Decision Analytics, Master of (M.D.A.) [dual degree]
- MBA:MA ECOM : Business Administration, Master of (M.B.A.)/Economics, Master of Arts (M.A.) [dual degree]

Department of Supply Chain Management and Analytics

New Certificate Programs

- CGR-BUA : Business Analytics, Certificate in (Graduate certificate)
- CGR-DCA : Decision Analytics, Certificate in (Graduate certificate)
- CGR-SCM : Supply Chain Management, Certificate in (Graduate certificate)

School of Dentistry – APPROVED

Dentistry-Dean's Office

Program Revision

- DDS-DENP : Dentistry, Doctor of Dental Surgery (D.D.S.)

School of Education – ALL APPROVED

Department of Teaching & Learning

Permanent Suspension of Admission

- MED-REA : Reading, Master of Education (M.Ed.)

Concentration Closures

- MED-REA-TADT : Reading, Master of Education (M.Ed.) with a concentration in reading with TESOL/adult
- MED-ADL-LA : Adult Learning, Master of Education (M.Ed.) with a concentration in adult literacy
- MT-TCH-EDCH : Teaching, Master of (M.T.) with a concentration in chemistry education
- MT-TCH-EDES : Teaching, Master of (M.T.) with a concentration in earth science education

Program Revisions

- MED-REA-RDSP : Reading, Master of Education (M.Ed.) with a concentration in K-12 reading specialist
- MT-TCH-EDEE : Teaching, Master of (M.T.) with a concentration in early and elementary education

School of Education...continued – ALL APPROVED

Department of Teaching & Learning

Program Revision and Concentration Name Change

- MED-REA-TSOL : Reading, Master of Education (M.Ed.) with a concentration in teaching English to speakers of other languages

School of Medicine – ALL APPROVED

Department of Family Medicine and Population Health

New Program Concentration

- MPH-MPH-HQ : Public Health, Master of (M.P.H.) with a concentration in cancer health equity science

New Dual Degree Program

- PHD:MS GCO : Human Genetics, Doctor of Philosophy (Ph.D.)/Genetic Counseling, Master of Science (M.S.) [dual degree]

School of Nursing – ALL APPROVED

Nursing-Dean's Office

Certificate Revision

- CGR-HCI : Health Care Innovation, Certificate in (Graduate certificate)

New Dual Degree/Certificate Programs

- DNP:CPP NRP : Nursing Practice, Doctor of (D.N.P.)/Adult-Gerontology Acute Care Nurse Practitioner, Certificate in (Post-professional certificate) [dual degree and certificate]
- DNP:CPP NRP : Nursing Practice, Doctor of (D.N.P.)/Family Nurse Practitioner, Certificate in (Post-professional certificate) [dual degree and certificate]
- DNP:CPP NRP : Nursing Practice, Doctor of (D.N.P.)/Psychiatric Mental Health Nurse Practitioner, Certificate in (Post-professional certificate) [dual degree and certificate]

School of Pharmacy – APPROVED

Department of Pharmacotherapy and Outcome Sciences

New Dual Degree Program

- DPHA:MBA BAD : Pharmacy, Doctor of (Pharm.D.)/Business Administration, Master of (M.B.A.) [dual degree]

School of Social Work – ALL APPROVED

Social Work-Dean's Office

New Dual Degree/Certificate Program

- MSW:CPG GVI : Social Work, Master of (M.S.W.)/Gender Violence Intervention, Certificate in (Post-baccalaureate graduate certificate) [dual degree and certificate]
- MSW:CPG NMC : Social Work, Master of (M.S.W.)/Nonprofit Management, Certificate in (Post-baccalaureate graduate certificate) [dual degree and certificate]

VCU Life Sciences – ALL APPROVED

VCU Life Sciences-Dean's Office

Program Revisions

- PHD-ILS-BGSC : Integrative Life Sciences, Doctor of Philosophy (Ph.D.) with a concentration in bioinformatics and genome sciences
- PHD-ILS-BSGS : Integrative Life Sciences, Doctor of Philosophy (Ph.D.) with a concentration in behavioral and statistical genetics
- PHD-ILS : Integrative Life Sciences, Doctor of Philosophy (Ph.D.)

Wilder School – ALL APPROVED

LDWilder-Dean's Office

New Accelerated Programs

- BS:MPA CRJ : Accelerated opportunities tab for criminal justice to MPA
- BA:MPA HSP : Accelerated opportunities tab for HSEP to MPA

Concentration Name Change

- MURP-URP-RN : Urban and Regional Planning, Master of (M.U.R.P.) with a concentration in regional planning

III. Committee Reports

- A. Committee on Admissions and Academic Standards
No report.
- B. Committee on Internal Review
No report.
- C. Committee on Policies and Procedures
No report.

D. Committee on Program and Courses

New Business

College of Engineering – **ALL APPROVED**

Engineering-Dean's Office

Department of Biomedical Engineering

New Course

- EGRB 527 : Physical Principles of Medical Imaging

Department of Chemical and Life Sciences Engineering

New Course

- CLSE 585 : Interfacial Phenomena

Course Revisions

- CLSE 650 : Quantitative Analysis in Chemical and Life Science Engineering
- CLSE 654 : Equilibrium Analysis in Chemical and Biological Systems

Department of Electrical and Computer Engineering

New Courses

- EGRE 510 : Introduction to Internet of Things
- EGRE 536 : Introduction to Cyber-Physical Systems
- EGRE 539 : Introduction to Microwave Engineering

Course Revisions

- EGRE 541 : Medical Devices
- EGRE 540 : Microwave System Design

Department of Mechanical and Nuclear Engineering

Course Revisions

- EGMN 530 : System Analysis of the Nuclear Fuel Cycle

College of Engineering and School of Pharmacy – **ALL APPROVED**

Department of Chemical Life Science Engineering and Pharmaceutics

New Courses

- PESC 515 : Nanomedicine
- PESC 691 : Special Topics in Pharmaceutical Engineering

Program Revision

- PHD-PME : Pharmaceutical Engineering

College of Health Professions – **ALL APPROVED**

Department of Gerontology

New Dual Degree/Certificate Programs

- MHA:CGR AGS : Health Administration, Master of (M.H.A.)/Aging Studies, Certificate in (Graduate certificate [dual degree and certificate])
- MSW:CGR AGS : Social Work, Master of (M.S.W.)/Aging Studies, Certificate in (Graduate certificate) [dual degree and certificate]
- MS:CGR AGS : Patient Counseling, Master of Science (M.S.) accelerated chaplain certification concentration/Aging Studies, Certificate in (Graduate certificate) [dual degree and certificate]

College of Health Professions...continued – ALL APPROVED

Department of Gerontology

New Dual Degree/Certificate Programs

- DPHA:CGR AGS : Pharmacy, Doctor of (Pharm.D.)/Aging Studies, Certificate in (Graduate certificate) [dual degree and certificate]
- DPT:CGR AGS : Physical Therapy, Doctor of (D.P.T.)/Aging Studies, Certificate in (Graduate certificate) [dual degree and certificate]
- OTD:CGR AGS : Occupational Therapy Doctorate (O.T.D.)/Aging Studies, Certificate in (Graduate certificate) [dual degree and certificate]
- PHD:CGR AGS : Health Related Sciences, Doctor of Philosophy (Ph.D.)/Aging Studies, Certificate in (Graduate certificate) [dual degree and certificate program]

Department of Hospital and Health Administration

New Certificate Program

- CGR-HCF : Health Care Financial Management, Certificate in (Graduate certificate)

New Courses

- HADE 608 : Seminar in Health Care Finance
- HADE 651 : Applications in Health Care Financial Management

Department of Occupational Therapy

New Dual Degree Program

- OTD:PHD HRS : Occupational Therapy Doctorate (O.T.D.)/Health Related Sciences, Doctor of Philosophy (Ph.D) [dual degree]

Department of Physical Therapy

Program Revisions

- PHD-RMS-NY : Rehabilitation and Movement Science, Doctor of Philosophy (Ph.D.) with a concentration in neuromusculoskeletal dynamics [College of Health Professions]
- PHD-RMS-YE : Rehabilitation and Movement Science, Doctor of Philosophy (Ph.D.) with a concentration in exercise physiology [College of Health Professions]

Department of Rehabilitation Counseling

Permanent Suspension of Admission

- MS-RMH : Rehabilitation and Mental Health Counseling, Master of Science (M.S.)

College of Humanities and Sciences – ALL APPROVED

Department of Biology

New Accelerated Program

- BS:MS BIO : Accelerated opportunities tab for biology to FRSC forensic biology concentration

Department of English

Accelerated Program Revision

- BA:MA ENG : Accelerated opportunities tab for English
 - Update to the admissions language to include accelerated program language

Department of Forensic Science

New Courses

- FRSC 645 : Applications in Forensic Toxicology
- FRSC 660 : Toolmark Examinations

Course Revision

- FRSC 644 : Analytical Considerations in Forensic Toxicology

Program Revisions

- MS-FOS-FCTR : Forensic Science, Master of Science (M.S.) with a concentration in forensic chemistry/trace
- MS-FOS-FPAN : Forensic Science, Master of Science (M.S.) with a concentration in forensic physical analysis
- MS-FOS-FY : Forensic Science, Master of Science (M.S.) with a concentration in forensic biology
- MS-FOS-FCDT : Forensic Science, Master of Science (M.S.) with a concentration in forensic chemistry/drugs and toxicology

Accelerated Program

- BS:MS FOS : Accelerated opportunities tab for forensic science

Department of History

New Course

- HIST 656 : Museums, Cultures and Communities: Historical Perspectives

College of Humanities and Sciences...continued – ALL APPROVED

Department of Kinesiology and Health Sciences

New Accelerated Program

- BS:MS HPX : Accelerated opportunities tab for HPEX and gerontology

Program Revisions

- MS-HMS-XEX : Health and Movement Sciences, Master of Science (M.S.) with a concentration in exercise science
- PHD-RMS-XNY : Rehabilitation and Movement Science, Doctor of Philosophy (Ph.D.) with a concentration in neuromusculoskeletal dynamics [College of Humanities and Sciences]
- PHD-RMS-XYE : Rehabilitation and Movement Science, Doctor of Philosophy (Ph.D.) with a concentration in exercise physiology [College of Humanities and Sciences]

Department of Physics and Physical Science

Accelerated Programs

- BS:MS PHY : Accelerated opportunities tab for physics

Program Revision

- MS-PHZ : Physics and Applied Physics, Master of Science (M.S.)

Department of Psychology

Program Revision

- PHD-PSN : Counseling Psychology, Doctor of Philosophy (Ph.D.)

Department of Sociology

Accelerated Program

- BS:MS SOC : Accelerated opportunities tab for sociology to gerontology

Department of Statistical Sciences and Operational Research

Course Revisions

- STAT 508 : Introduction to Social Statistics
- STAT 608 : Statistics for Social Research

da Vinci Center – ALL APPROVED

da Vinci Center-Dean's Office

New Courses

- INNO 591 : Topics in Product Innovation
- INNO 610 : Innovation, Design Thinking and Change Management

Program Revision

- MPI-PRI : Product Innovation, Master of (M.P.I.)

Office of Health Sciences – APPROVED

Health Sciences-Dean's Office

Certificate Revision

- CPG-CCR : Care Coordination, Certificate in (Post-baccalaureate graduate certificate)

School of the Arts – ALL APPROVED

Arts-Dean's Office

Temporary Suspension of Admission into a Concentration

- MFA-FNA-FB : Fine Arts, Master of Fine Arts (M.F.A.) with a concentration in fibers
- MFA-FNA-FD : Fine Arts, Master of Fine Arts (M.F.A.) with a concentration in furniture design

Department of Theatre

Temporary Suspension of Admission into a Concentration

- MFA-THE-CD : Theatre, Master of Fine Arts (M.F.A.) with a concentration in costume design
- MFA-THE-T1PE : Theatre, Master of Fine Arts (M.F.A.) with a concentration in pedagogy/performance

School of Business – ALL APPROVED

Business-Dean's Office

New Course

- BUSN 898 : Post-Candidacy Doctoral Research in Business

School of Business...continued – ALL APPROVED

Department of Accounting

New Courses

- ACCT 591 : Topics in Accounting
- ACCT 620 : Accounting Research
- ACCT 621 : Accounting Analytics

Program Revision

- MACC-ACY-DQ : Accountancy, Master of (M.Acc.) with a concentration in data analytics

Department of Information Systems

New Course

- INFO 637 : Introduction to Digital Forensics

Course Revisions

- INFO 740 : AI-based Decision Support
- INFO 609 : Data-centric Re-engineering Analysis/Planning

New Certificate Programs

- CGR-RSA : Information Risk, Security and Assurance, Certificate in (Graduate certificate)
- CGR-DSM : Data Science for Management, Certificate in (Graduate certificate)

Concentration Closure

- MS-ISY-FTTM : Information Systems, Master of Science (M.S.) with a concentration in information technology management [Executive]

Department of Management and Entrepreneurship

New Course

- MGMT 657 : Corporate Entrepreneurship

New Dual Degree Programs

- MBA:MACC ACY : Business Administration, Master of (M.B.A.)/Accountancy, Master of (M.Acc.) with a concentration in data analytics [dual degree]
- MBA:MS BUS : Business Administration, Master of (M.B.A.)/Business, Master of Science (M.S.) with a concentration in finance [dual degree]
- MBA:MS BUS : Business Administration, Master of (M.B.A.)/Business, Master of Science (M.S.) with a concentration in marketing management [dual degree]
- MBA:MS BUS : Business Administration, Master of (M.B.A.)/Business, Master of Science (M.S.) with a concentration in real estate [dual degree]
- MBA:MSCM SCM : Business Administration, Master of (M.B.A.)/Supply Chain Management, Master of (M.S.C.M.) [dual degree]
- MBA:MSL SPL : Business Administration, Master of (M.B.A.)/Sport Leadership, Master of (M.S.L.) [dual degree]
- MBA:MPI PRI : Business Administration, Master of (M.B.A.)/Product Innovation, Master of (M.P.I.) [dual degree]
- MBA:MS ISY : Business Administration, Master of (M.B.A.)/Information Systems, Master of Science (M.S.) [dual degree]
- MBA:MDA DCA : Business Administration, Master of (M.B.A.)/Decision Analytics, Master of (M.D.A.) [dual degree]
- MBA:MA ECOM : Business Administration, Master of (M.B.A.)/Economics, Master of Arts (M.A.) [dual degree]

Department of Supply Chain Management and Analytics

Course Revision

- DAPT 681 : Analytics Practicum I

New Certificate Programs

- CGR-BUA : Business Analytics, Certificate in (Graduate certificate)
- CGR-DCA : Decision Analytics, Certificate in (Graduate certificate)
- CGR-SCM : Supply Chain Management, Certificate in (Graduate certificate)

School of Dentistry – ALL APPROVED

Dentistry-Dean's Office

Program Revision

- DDS-DENP : Dentistry, Doctor of Dental Surgery (D.D.S.)

Department of Oral and Cranial Molecular Biology

New Courses

- OCMB 791 : Special Topics in Oral Biology Research
- OCMB 710 : Post-Candidacy Doctoral Research

School of Education – ALL APPROVED

Department of Teaching and Learning

Program Revisions

- MED-REA-RDSP : Reading, Master of Education (M.Ed.) with a concentration in K-12 reading specialist

School of Education...continued – ALL APPROVED

Department of Teaching and Learning

Program Revisions

- MT-TCH-EDEE : Teaching, Master of (M.T.) with a concentration in early and elementary education

Permanent Suspension of Admission

- MED-REA : Reading, Master of Education (M.Ed.)

Program Revision and Concentration Name Change

- MED-REA-TSOL : Reading, Master of Education (M.Ed.) with a concentration in teaching English to speakers of other languages

Concentration Closures

- MED-ADL-LA : Adult Learning, Master of Education (M.Ed.) with a concentration in adult literacy
- MT-TCH-EDCH : Teaching, Master of (M.T.) with a concentration in chemistry education
- MT-TCH-EDES : Teaching, Master of (M.T.) with a concentration in earth science education
- MED-REA-TADT : Reading, Master of Education (M.Ed.) with a concentration in reading with TESOL/adult

School of Medicine – ALL APPROVED

Department of Family Medicine & Population Health

New Program Concentration

- MPH-MPH-HQ : Public Health, Master of (M.P.H.) with a concentration in cancer health equity science

Department of Health Behavior and Policy

New Courses

- SBHD 501 : Topics in Cancer Disparities
- SBHD 612 : Fundamentals of Cancer Health Equity
- SBHD 613 : Community-Engaged Research and Cancer Disparities

Course Revision

- HCPR 720 : Social and Economic Determinants of Health Disparities

Department of Human and Molecular Genetics

New Dual Degree Program

- PHD:MS GCO : Human Genetics, Doctor of Philosophy (Ph.D.)/Genetic Counseling, Master of Science (M.S.) [dual degree]

School of Nursing – ALL APPROVED

Nursing-Dean's Office

Course Revision

- NURS 593 : Project and Planned Change Management

New Dual Degree/Certificate Programs

- DNP:CPP NRP : Nursing Practice, Doctor of (D.N.P.)/Adult-Gerontology Acute Care Nurse Practitioner, Certificate in (Post-professional certificate) [dual degree and certificate]
- DNP:CPP NRP : Nursing Practice, Doctor of (D.N.P.)/Family Nurse Practitioner, Certificate in (Post-professional certificate) [dual degree and certificate]
- DNP:CPP NRP : Nursing Practice, Doctor of (D.N.P.)/Psychiatric Mental Health Nurse Practitioner, Certificate in (Post-professional certificate) [dual degree and certificate]

School of Pharmacy – ALL APPROVED

Department of Pharmacotherapy and Outcomes Sciences

New Courses

- PHAR 501 : Pharmaceutical Calculations
- PHAR 664 : Making Medicines: The Process of Drug Development
 - Approved pending transcript title change
- PHAR 665 : Residency and Fellowship Preparatory Course
 - Approved pending bulletin title change
- PHAR 667 : Seven Habits of Effective Pharmacists
- PHAR 668 : Academic Pharmacy

School of Pharmacy...continued – **ALL APPROVED**

Department of Pharmacotherapy and Outcome Sciences

New Courses

- PHAR 669 : Pediatric Pharmacy Practice

New Dual Degree Program

- DPHA:MBA BAD : Pharmacy, Doctor of (Pharm.D.)/Business Administration, Master of (M.B.A.) [dual degree]

Course Revisions

- PHAR 670 : Geriatrics – Demystifying a Population
 - **Approved pending transcript title change**
- PHAR 677 : Advanced Infectious Diseases Pharmacotherapy
 - **Approved pending transcript title change**

School of Social Work – **ALL APPROVED**

Social Work-Dean's Office

New Course

- SLWK 729 : Substance Misuse Prevention

Course Revision

- SWKD 890 : Qualifying Examination

New Dual Degree/Certificate Program

- MSW:CPG GVI : Social Work, Master of (M.S.W.)/Gender Violence Intervention, Certificate in (Post-baccalaureate graduate certificate [dual degree and certificate])
- MSW:CPG NMC : Social Work, Master of (M.S.W.)/Nonprofit Management, Certificate in (Post-baccalaureate graduate certificate) [dual degree and certificate]

VCU Life Sciences – **ALL APPROVED**

VCU Life Sciences-Dean's Office

New Course

- LFSC 701 : Post-Candidacy Doctoral Research

Program Revisions

- PHD-ILS-BGSC : Integrative Life Sciences, Doctor of Philosophy (Ph.D.) with a concentration in bioinformatics and genome sciences
- PHD-ILS-BSGS : Integrative Life Sciences, Doctor of Philosophy (Ph.D.) with a concentration in behavioral and statistical genetics
- PHD-ILS : Integrative Life Sciences, Doctor of Philosophy (Ph.D.)

Wilder School – **ALL APPROVED**

LDWilder-Dean's Office

New Courses

- URSP 515 : Watershed Planning and Governance
 - **Approved pending updated course description**
- URSP 526 : Design of Sustainable Places
- URSP 629 : Quantitative Geospatial Data Analysis
- URSP 657 : Regional Policy and Planning

New Accelerated Programs

- BS:MPA CRJ : Accelerated opportunities tab for criminal justice to MPA
- BA:MPA HSP : Accelerated opportunities tab for HSEP to MPA

Concentration Name Change

- MURP-URP-RN : Urban and Regional Planning, Master of (M.U.R.P.) with a concentration in regional planning

III. Minor Items for Approval by the Chair and Dean

College of Engineering – **ALL APPROVED**

Engineering-Dean's Office

Concentration Revisions

- MS-EGR-E6 : Engineering, Master of Science (M.S.) with a concentration in electrical and computer engineering
 - Adding online modality
- MS-EGR-E5 : Engineering, Master of Science (M.S.) with a concentration in chemical and life science engineering
 - Removal of the GRE and adding online modality

Department of Biomedical Engineering

Accelerated Program Revision

- BS:MS BME : Accelerated opportunities tab for biomedical engineering
 - Update to plan of study

Program Revisions

- MS-BME : Biomedical Engineering, Master of Science (M.S.)
 - Adding online modality
- PHD-BME : Biomedical Engineering, Doctor of Philosophy (Ph.D.)
 - Updating elective course list

Department of Chemical and Life Sciences Engineering

Accelerated Program Revision

- BS:MS CLE : Accelerated opportunities tab for chemical and life science engineering
 - Update to the admissions language to include accelerated program language

Program Revision

- PHD-CLED : Chemical and Life Science Engineering, Doctor of Philosophy (Ph.D.)
 - Clarifying qualifying exam requirements and removal of the GRE

Department of Computer Science

Course Revisions

- CMSC 501 : Advanced Algorithms
 - Update to course modality
- CMSC 502 : Parallel Algorithms
 - Update to course modality
- CMSC 510 : Regularization Methods for Machine Learning
 - Update to course modality
- CMSC 512 : Advanced Social Network Analysis and Security
 - Update to course modality
- CMSC 516 : Advanced Natural Language Processing
 - Update to course modality
- CMSC 525 : Introduction to Software Analysis, Testing and Verification
 - Update to course modality
- CMSC 591 : Topics in Computer Science
 - Update to course modality
- CMSC 603 : High Performance Distributed Systems
 - Update to course modality
- CMSC 612 : Game Theory and Security
 - Update to course modality
- CMSC 615 : Cryptocurrency and Blockchain Techniques
 - Update to course modality
- CMSC 622 : Network and System Security
 - Update to course modality
- CMSC 623 : Cloud Computing
 - Update to course modality
- CMSC 628 : Mobile Networks: Applications, Modeling and Analysis
 - Update to course modality
- CMSC 630 : Image Analysis
 - Update to course modality

College of Engineering...continued – ALL APPROVED

Department of Computer Science

Course Revisions

- CMSC 635 : Knowledge Discovery and Data Mining
 - Update to course modality
- CMSC 636 : Artificial Neural Networks and Deep Learning
 - Update to course modality
- CMSC 654 : Memory and Malware Forensics
 - Update to course modality
- CMSC 678 : Statistical Learning and Fuzzy Logic Algorithms
 - Update to course modality

Accelerated Program Revision

- BS:MS CSC : Accelerated opportunities tab for computer science
 - Update to the admissions language to include accelerated program language

Program Revision

- MS-CSC : Computer Science, Master of Science (M.S.)
 - Adding online modality

Department of Electrical and Computer Engineering

Accelerated Program Revisions

- BS:MS ELE : Accelerated opportunities tab for electrical engineering
 - Update to the admissions language to include accelerated program language
- BS:MS CPE : Accelerated opportunities tab for computer engineering
 - Update to the admissions language to include accelerated program language

Department of Mechanical and Nuclear Engineering

Course Revisions

- EGMN 510 : Probabilistic Risk Assessment
 - Update to course modality
- EGMN 560 : Monte Carlo Simulations
 - Update to course modality
- EGMN 574 : Nuclear Safeguards, Security and Nonproliferation
 - Update to course modality
- EGMN 603 : Mechanical and Nuclear Engineering Dynamic Systems
 - Update to course modality
- EGMN 605 : Mechanical and Nuclear Engineering Analysis
 - Update to course modality
- EGMN 606 : Mechanical and Nuclear Engineering Continuum Mechanics
 - Update to course modality
- EGMN 610 : Topics in Nuclear Engineering
 - Update to course modality
- EGMN 620 : Reactor Theory
 - Update to course modality
- EGMN 625 : Advanced Modeling and Simulations
 - Update to course modality

Program Revision

- MS-MNE : Mechanical and Nuclear Engineering, Master of Science (M.S.)
 - Adding online modality

College of Engineering and School of Pharmacy – ALL APPROVED

Department of Chemical Life Science Engineering and Pharmaceutics

Course Revisions

- PESC 505 : Pharmaceutical Engineering Fundamentals I
 - Update to course modality
- PESC 507 : Pharmaceutical Engineering Fundamentals II
 - Update to course modality
- PESC 605 : Advanced Topics in Pharmaceutical Engineering I
 - Update to course modality
- PESC 607 : Advanced Topics in Pharmaceutical Engineering II
 - Update to course modality

College of Engineering and School of Pharmacy...continued – ALL APPROVED

Department of Chemical Life Science Engineering and Pharmaceutics

Course Revisions

- PESC 690 : Pharmaceutical Engineering Seminar
 - Update to course modality

College of Health Professions – ALL APPROVED

Department of Gerontology

Course Revisions

- GRTY 601 : Biological and Physiological Aging
 - Update to course modality
- GRTY 602 : Psychology of Aging
 - Update to course modality
- GRTY 603 : Social Gerontology
 - Update to course modality
- GRTY 604 : Problems, Issues and Trends in Gerontology
 - Update to course modality
- GRTY 605 : Social Science Research Methods Applied to Gerontology
 - Update to course modality
- GRTY 606 : Aging and Human Values
 - Update to course modality
- GRTY 607 : Field Study in Gerontology
 - Update to course modality
- GRTY 608 : Grant Writing
 - Update to course modality
- GRTY 615 : Aging and Mental Disorders
 - Update to course modality
- GRTY 619 : Geriatric Care Management Practicum
 - Update to course modality
- GRTY 638 : Long-term Care Administration
 - Update to course modality
- GRTY 639 : Human Resource Management and Leadership for Gerontologists
 - Update to course modality
- GRTY 640 : Financial Management for Gerontological Leaders
 - Update to course modality
- GRTY 691 : Topical Seminar
 - Update to course modality
- GRTY 692 : Independent Studies
 - Update to course modality

Program Revision

- MS-GTY-GCMG : Gerontology, Master of Science (M.S.) with a concentration in geriatric care management
 - Adding online modality

Department of Hospital and Health Administration

Course Revision

- DNAP 701 : Human Factors and Patient Safety for Nurse Anesthetists
 - Removing course cross-listing

Department of Nurse Anesthesia

Program Revision

- DNAP-NAP : Nurse Anesthesia Practice, Doctor of (D.N.A.P.)
 - Removal of the GRE

Department of Patient Counseling

Program Revisions

- MS-PAC-CPCT : Patient Counseling, Master of Science (M.S.) with a concentration in chaplain certification
 - Update to student learning outcomes
- MS-PAC-CPCT : Patient Counseling, Master of Science (M.S.), accelerated chaplain certification concentration
 - Update to student learning outcomes

College of Health Professions...continued – ALL APPROVED

Concentration Name Change and Program Revision

- MS-PAC-ECPE : Patient Counseling, Master of Science (M.S.) with a concentration in certified educator clinical pastoral education
 - Update to student learning outcomes

Department of Rehabilitation Counseling

Course Revision

- RHAB 696 : Supervised Clinical Practice in Rehabilitation and Mental Health
 - Update to transcript title

College of Humanities and Sciences – ALL APPROVED

CHS-Dean's Office

Accelerated Program Revision

- BS:MA ECO:HS : Accelerated opportunities tab for economics: H&S
 - Update to the admissions language to include accelerated program language

Department of Chemistry

Accelerated Program Revision

- BS:MS CHE : Accelerated opportunities tab for chemistry/chemical science concentration
 - Update to the admissions language to include accelerated program language

Department of English

Accelerated Program Revision

- BA:MA ENG : Accelerated opportunities tab for English
 - Update to the admissions language to include accelerated program language

Department of Gender, Sexuality and Women's Study

Certificate Revision

- CPG-GSW : Gender, Sexuality and Women's Studies, Certificate in (Post-baccalaureate graduate certificate)
 - Update to the student learning outcomes

Department of Forensic Science

Course Revision

- FRSC 662 : Firearm Identification

Department of Kinesiology and Health Sciences

Course Revisions

- HEMS 640 : Health Care Organization and Delivery in the U.S.
 - Update to course modality
- HEMS 641 : Human Disease Prevention, Prevalence and Lifestyle Risk Factors
 - Update to course modality
- HEMS 642 : Theoretical Foundations of Health Behavior Change
 - Update to course modality
- HEMS 643 : Fundamentals of Motivational Interviewing
 - Update to course modality
- HEMS 644 : Advanced Motivational Interviewing
 - Update to course modality
- HEMS 645 : Application of Motivational Interviewing in Clinical Settings
 - Update to course modality

Certificate Revision

- CPG-HBC : Health Behavior Coaching, Certificate in (Post-baccalaureate graduate certificate)
 - Update to admissions deadline and adding online modality

Department of Mathematics and Applied Mathematics

Accelerated Program Revisions

- BS:MS MAS:M : Accelerated opportunities tab for applied mathematics and biomathematics to applied mathematics
 - Update to the admissions language to include accelerated program language
- BS:MS MAS:M : Accelerated opportunities tab for mathematics to mathematics
 - Update to the admissions language to include accelerated program language

Program Revisions

- MIS-INS-IMSL : Interdisciplinary Studies, Master of (M.I.S.), with a concentration in interdisciplinary mathematics and science leadership/K-8 mathematics specialist
 - Removal of the GRE

College of Humanities and Sciences...continued – ALL APPROVED

Program Revisions

- MS-MAS-AM : Mathematical Sciences, Master of Science (M.S.) with a concentration in applied mathematics
 - Update to the student learning outcomes
- MS-MAS-MA : Mathematical Sciences, Master of Science (M.S.) with a concentration in mathematics
 - Update to the student learning outcomes

Department of Physics and Physical Science

Accelerated Program Revision

- BS:MS HPX : Accelerated opportunities tab for health, physical education and exercise science
 - Update to the admissions language to include accelerated program language

Department of Political Science

Accelerated Program Revision

- BA:MPA POS : Accelerated opportunities tab for political science
 - Update to the admissions language to include accelerated program language

Department of Psychology

Accelerated Program Revision

- BS:MED PSY : Accelerated opportunities tab for psychology to counselor ed
 - Update to the admissions language to include accelerated program language

Robertson School of Media and Culture

Course Revisions

- MASC 611 : Communication Research
 - Update to course modality
- MASC 618 : Media Economics and Management
 - Update to course modality
- MASC 643 : Digital Management and Analytics
 - Update to course modality
- MASC 644 : Computational Journalism
 - Update to course modality
- MASC 645 : Digital Production
 - Update to course modality
- MASC 654 : Persuasion
 - Update to course modality
- MASC 675 : Leadership in Action
 - Update to course modality
- MASC 676 : Media Law and Ethics
 - Update to course modality
- MASC 682 : Media Mechanics
 - Update to course modality
- MASC 683 : Strategic Communications in the Global Environment
 - Update to course modality
- MASC 684 : Multimedia Storytelling
 - Update to course modality
- MASC 685 : Strategy
 - Update to course modality
- MASC 686 : International Journalism
 - Update to course modality
- MASC 691 : Topics in Mass Communications
 - Update to course modality
- MASC 694 : Capstone
 - Update to course modality

Department of Sociology

Course Revisions

- SOCY 502 : Contemporary Sociological Theory
 - Update to course modality
- SOCY 515 : Globalization and Transformation: Concepts and Realities
 - Update to course modality

College of Humanities and Sciences...continued – ALL APPROVED

Department of Sociology

Course Revisions

- SOCY 524 : Aging and the Minority Community
 - Update to course modality
- SOCY 525 : Digital Social Problems
 - Update to course modality
- SOCY 601 : Sociological Research Methods
 - Update to course modality
- SOCY 602 : Applications of Sociological Research Methods
 - Update to course modality
- SOCY 603 : Seminar in Population Studies
 - Update to course modality
- SOCY 604 : Sociology of Work in Industry
 - Update to course modality
- SOCY 607 : Seminar in Racial and Ethnic Relations in America
 - Update to course modality
- SOCY 609 : Seminar in the Family
 - Update to course modality
- SOCY 611 : Studies in the Community
 - Update to course modality
- SOCY 613 : Social Stratification
 - Update to course modality
- SOCY 614 : Seminar in the Sociology of Education
 - Update to course modality
- SOCY 616 : Digital Sociology
 - Update to course modality
- SOCY 624 : Community and Community Services for the Elderly
 - Update to course modality
- SOCY 640 : Seminar in Political Sociology
 - Update to course modality
- SOCY 645 : The Sociology of Health and Illness
 - Update to course modality
- SOCY 646 : Seminar in the Sociology of Mental Health and Disorder
 - Update to course modality
- SOCY 652 : Environmental Sociology
 - Update to course modality
- SOCY 654 : Political Economy
 - Update to course modality
- SOCY 656 : Social Network Analysis
 - Update to course modality
- SOCY 660 : Seminar in the Sociology of Gender
 - Update to course modality
- SOCY 673 : Public Sociology
 - Update to course modality
- SOCY 676 : Digital Research Methods and Design
 - Update to course modality
- SOCY 677 : Digital Data Visualization and Analysis
 - Update to course modality
- SOCY 691 : Special Topics
 - Update to course modality
- SOCY 699 : Seminar in Sociological Practice
 - Update to course modality

New Accelerated Program

- BS:MS SOC : Accelerated opportunities tab for sociology to gerontology

College of Humanities and Sciences...continued – ALL APPROVED

Department of Sociology

Program Revisions

- MS-SOC : Sociology, Master of Science (M.S.)
 - Adding online modality and update to removing GRE
- MS-SOC-TS : Sociology, Master of Science (M.S.) with a concentration in digital sociology
 - Adding online modality and update to removing GRE

Accelerated Program Revision

- BS:MS SOC : Accelerated opportunities tab for sociology
 - Update to the admissions language to include accelerated program language

Department of Statistical Sciences and Operational Research

Accelerated Program Revisions

- BS:MS MAS:S : Accelerated opportunities tab for math sciences/operations research
 - Update to the admissions language to include accelerated program language
- BS:MS MAS:S : Accelerated opportunities tab for math sciences/statistics
 - Update to the admissions language to include accelerated program language

School of World Studies

Accelerated Program Revisions

- BA:MS FRL : Accelerated opportunities tab for French and business
 - Update to the admissions language to include accelerated program language
- BA:MS FRL : Accelerated opportunities tab for German and business
 - Update to the admissions language to include accelerated program language
- BA:MS FRL : Accelerated opportunities tab for Spanish and business
 - Update to the admissions language to include accelerated program language

Office of Health Sciences – ALL APPROVED

Health Sciences-Dean's Office

Course Revisions

- IPEC 510 : Interprofessional Communication and the Care Coordinator I
 - Update to course modality
- IPEC 515 : Interprofessional Communication and the Care Coordinator II
 - Update to course modality

Office of the VP for Research – ALL APPROVED

Center Clinical & Translational Research

Program Revision

- MS-CTS : Clinical and Translational Sciences, Master of Science (M.S.)
 - Update to admissions requirements to allow internal and external applicants

School of the Arts – ALL APPROVED

Department of Art History

Accelerated Program Revision

- BA:MA ARH : Accelerated opportunities tab for art history
 - Update to the admissions language to include accelerated program language

Department of Fashion Design

Accelerated Program Revision

- BA:MS FDE : Accelerated opportunities tab for fashion and business
 - Update to the admissions language to include accelerated program language

School of Business – ALL APPROVED

Business-Deans Office

Course Revisions

- BRND 621 : Strategy and Design
 - Update to course modality
- BRND 622 : Visual Storytelling
 - Update to course modality
- BRND 625 : Comms Planning and UX
 - Update to course modality

School of Business...continued – ALL APPROVED

Business-Deans Office

Course Revisions

- BRND 629 : Strategic Thinking
 - Update to course modality
- BRND 631 : Craft
 - Update to course modality
- BRND 635 : Creating Gravitational Pull
 - Update to course modality
- BRND 639 : Cultural Impact: Advanced Account Planning
 - Update to course modality
- BRND 648 : Innovation
 - Update to course modality
- BRND 651 : Creative Thinking
 - Update to course modality
- BRND 659 : Brand Experiences
 - Update to course modality
- BRND 664 : Persuasion
 - Update to course modality
- BRND 670 : Creative Fusion
 - Update to course modality
- BRND 677 : The Business of Branding
 - Update to course modality
- BRND 696 : Advanced Portfolio
 - Update to course modality

Program Revisions

- MS-BUS-KM : Business, Master of Science (M.S.) with a concentration in marketing management
 - Adding an additional elective to suggested list
- MS-BUS-RA : Business, Master of Science (M.S.) with a concentration in real estate
 - Update to GMAT/GRE language
- MS-BUS-BGST : Business, Master of Science (M.S.) with a concentration in branding/strategy

Department of Economics

Course Revisions

- ECON 642 : Panel and Nonlinear Methods in Econometrics
 - Removal of course prerequisite
- ECON 501 : Introduction to Econometrics
 - Update to course modality and prerequisite

Program Revisions

- MA-ECOM-FE : Economics, Master of Arts (M.A.) with a concentration in financial economics
 - Update to GMAT/GRE language
- MA-ECOM-HN : Economics, Master of Arts (M.A.) with a concentration in health economics
 - Update to GMAT/GRE language
- MA-ECOM-ST : Economics, Master of Arts (M.A.) with a concentration in statistics
 - Update to GMAT/GRE language
- MA-ECOM : Economics, Master of Arts (M.A.)
 - Update to GMAT/GRE language

Department of Finance, Insurance & Real Estate

Course Deletions

- FIRE 533 : Insurance Education Institute for High School Teachers
- FIRE 625 : Group Insurance and Pension Planning
- FIRE 628 : Using GIS in Real Estate Decisions

Course Revisions

- FIRE 615 : Foundations in Real Estate
 - Update to course modality
- FIRE 626 : Risk Management
 - Update to course modality

School of Business...continued – ALL APPROVED

Course Revisions

Department of Finance, Insurance & Real Estate

- FIRE 627 : Real Estate Development
 - Update to course modality
- FIRE 630 : Real Estate Valuation
 - Update to course modality
- FIRE 658 : Real Estate Finance and Investments
 - Update to course modality

Accelerated Program Revision

- BS:MS FIN : Accelerated opportunities tab for finance
 - Update to the admissions language to include accelerated program language

Department of Information Systems

Course Revisions

- INFO 610 : Analysis and Design of Database Systems
 - Update to course modality
- INFO 611 : Data Re-engineering
 - Update to course modality
- INFO 614 : Data Mining
 - Update to course modality
- INFO 616 : Data Warehousing
 - Update to course modality
- INFO 617 : Text Analytics
 - Update to course modality
- INFO 620 : Data Communications
 - Update to course modality
- INFO 630 : Systems Development
 - Update to course modality
- INFO 632 : Business Process Re-engineering
 - Update to course modality
- INFO 635 : Ethical, Social and Legal Issues in Computer and Information Systems Security
 - Update to course modality
- INFO 636 : Securing Cloud Infrastructure
 - Update to course modality
- INFO 640 : Information Systems Management
 - Update to course modality
- INFO 641 : Strategic Information Systems Planning
 - Update to course modality
- INFO 642 : Decision Support and Intelligent Systems
 - Update to course modality
- INFO 643 : Information Technology Project Management
 - Update to course modality
- INFO 644 : Principles of Computer and Information Systems Security
 - Update to course modality
- INFO 646 : Security Policy Formulation and Implementation
 - Update to course modality
- INFO 658 : Securing the Internet of Things
 - Update to course modality
- INFO 661 : Information Systems for Managers
 - Update to course modality
- INFO 664 : Information Systems for Business Intelligence
 - Update to course modality

Accelerated Program Revision

- BS:MS ISY : Accelerated opportunities tab for information systems
 - Update to the admissions language to include accelerated program language

School of Business...continued – ALL APPROVED

Department of Information Systems

Program Revisions

- MS-ISY-DSBS : Information Systems, Master of Science (M.S.) with a concentration in data science in business
 - Adding online modality
- MS-ISY-IRSA : Information Systems, Master of Science (M.S.) with a concentration in information risk, security and assurance
 - Adding online modality and update to GMAT/GRE language
- MS-ISY : Information Systems, Master of Science (M.S.)
 - Adding online modality and update to GMAT/GRE language

Department of Management and Entrepreneurship

Program Revisions

- MBA-BAD-BU : Business Administration, Master of (M.B.A.) with a concentration in business analytics
 - Update to GMAT/GRE language
- MBA-BAD-CF : Business Administration, Master of (M.B.A.) with a concentration in corporate finance
 - Update to GMAT/GRE language
- MBA-BAD-EV : Business Administration, Master of (M.B.A.) with a concentration in entrepreneurship and innovation
 - Update to GMAT/GRE language
- MBA-BAD-GB : Business Administration, Master of (M.B.A.) with a concentration in global business
- MBA-BAD-HCMG : Business Administration, Master of (M.B.A.) with a concentration in health care management
- MBA-BAD-INRM : Business Administration, Master of (M.B.A.) with a concentration in information resources management
 - Update to GMAT/GRE language
- MBA-BAD-IV : Business Administration, Master of (M.B.A.) with a concentration in investments
 - Update to GMAT/GRE language
- MBA-BAD-RA : Business Administration, Master of (M.B.A.) with a concentration in real estate
 - Update to GMAT/GRE language
- MBA-BAD-SCMG : Business Administration, Master of (M.B.A.) with a concentration in supply chain management
 - Update to GMAT/GRE language
- MBA-BAD : Business Administration, Master of (M.B.A.)
 - Update to GMAT/GRE language

Department of Supply Chain Management and Analytics

Course Revisions

- SCMA 524 : Statistical Fundamentals for Business Management
 - Update to course modality
- SCMA 602 : Global Supply Chain Management
 - Update to course modality
- SCMA 606 : Supply Chain Innovation
 - Update to course modality
- SCMA 615 : Strategic Logistics Management
 - Update to course modality
- SCMA 603 : SAP ERP and Supply Chain Management
 - Update to course modality
- SCMA 632 : Statistical Analysis and Modeling
 - Update to course modality
- SCMA 642 : Decision and Risk Analytics
 - Update to course modality
- SCMA 643 : Applied Multivariate Methods
 - Update to course modality
- SCMA 645 : Advanced Decision Analytics
 - Update to course modality
- SCMA 648 : Business Data Analytics
 - Update to course modality
- SCMA 669 : Developing and Implementing Forecasting Methods for Business
 - Update to course modality

School of Business...continued – ALL APPROVED

Department of Supply Chain Management and Analytics

Course Revisions

- SCMA 675 : Operations Management
 - Update to course modality
- SCMA 677 : Quality Management and Six Sigma
 - Update to course modality

Program Revisions

- MDA-DCA : Decision Analytics, Master of (M.D.A.)
 - Adding online modality
- MSCM-SCM : Supply Chain Management, Master of (M.S.C.M.)
 - Adding online modality

Accelerated Program Revisions

- BS:MDA BUS : Accelerated opportunities tab for SCMA and MDA
 - Update to the admissions language to include accelerated program language
- BS:MSCM BUS : Accelerated opportunities tab for SCMA and MSCM
 - Update to the admissions language to include accelerated program language

School of Education – ALL APPROVED

Education-Dean's Office

Program Revisions

- TEACH PREP GR : Extended Teacher Preparation Program
 - Removal of the GRE
- PHD-EDP-CCCH : Education, Doctor of Philosophy (Ph.D.) with a concentration in curriculum, culture and change
 - Update to student learning outcomes
- PHD-EDP-CESN : Education, Doctor of Philosophy (Ph.D.) with a concentration in counselor education and supervision
 - Update to student learning outcomes
- PHD-EDP-EA : Education, Doctor of Philosophy (Ph.D.) with a concentration in art education
 - Update to student learning outcomes
- PHD-EDP-EDPY : Education, Doctor of Philosophy (Ph.D.) with a concentration in educational psychology
 - Update to student learning outcomes
- PHD-EDP-EIPS : Education, Doctor of Philosophy (Ph.D.) with a concentration in educational leadership, policy and justice
 - Update to student learning outcomes
- PHD-EDP-RHAE : Education, Doctor of Philosophy (Ph.D.) with a concentration in research, assessment and evaluation
 - Update to student learning outcomes
- PHD-EDP-UL : Education, Doctor of Philosophy (Ph.D.) with a concentration in urban services leadership
 - Update to student learning outcomes

Department of Counseling and Special Education

Course Revisions

- IDDS 604 : Interdisciplinary Studies in Developmental Disabilities: LEND Seminar I
 - Update to course modality
- IDDS 605 : Interdisciplinary Studies in Developmental Disabilities: LEND Seminar II
 - Update to course modality
- IDDS 672 : Practicum in Disability Leadership
 - Update to course modality
- SEDP 531 : Educational Foundations for Collaboration and Universally Designed Learning
 - Update to course modality
- SEDP 603 : Theories, Assessment and Practices in Literacy Development for Individuals with Exceptionalities
 - Update to course modality
- SEDP 611 : Secondary Education and Transition Planning
 - Update to course modality
- SEDP 631 : Behavior Support of Individuals with Disabilities
 - Update to course modality

School of Education...continued – ALL APPROVED

Department of Counseling and Special Education

Program Revisions

- MED-COE-CCSA : Counselor Education, Master of Education (M.Ed.) with a concentration in college counseling and student affairs
 - Update to Semester of Entry into Program
- MED-COE-SCHC : Counselor Education, Master of Education (M.Ed.) with a concentration in school counseling
 - Update to Semester of Entry into Program

Department of Educational Leadership

Course Revisions

- ADMS 611 : School Law
 - Update to course modality
- ADMS 612 : Diversity in Higher Education
 - Update to course modality
- ADMS 615 : Developmental Theories in Higher Education
 - Update to course modality
- ADMS 616 : Higher Education Policy, Law and Finance
 - Update to course modality
- ADMS 618 : Leadership for Educational Change and Improvement
 - Update to course modality
- ADMS 619 : Higher Education Administration
 - Update to course modality
- ADMS 622 : Understanding Diversity and Leading for Social Justice
 - Update to course modality
- ADMS 625 : Leadership for Individualized Learning
 - Update to course modality
- ADMS 627 : Enhancing and Supporting Instruction
 - Update to course modality
- ADMS 630 : Understanding and Engaging School Communities
 - Update to course modality
- ADMS 633 : Multiple Dimensions of Leadership
 - Update to course modality
- ADMS 634 : College Environments
 - Update to course modality
- ADMS 635 : Critical Issues in Urban Higher Education
 - Update to course modality
- ADMS 636 : Crisis Leadership in Higher Education
 - Update to course modality
- ADMS 637 : Special Mission Institutions
 - Update to course modality
- ADMS 638 : Community Colleges
 - Update to course modality
- ADMS 639 : Enrollment Management in Higher Education
 - Update to course modality
- ADMS 640 : Human Resource and Fiscal Management
 - Update to course modality
- ADMS 660 : Higher Education Internship
 - Update to course description to include site-based requirements
- ADMS 670 : Administrative Internship I
 - Update to course description to include site-based requirements
- ADMS 671 : Administrative Internship II
 - Update to course description to include site-based requirements

Department of Educational Leadership

Course Revisions

- ADMS 675 : Administrative Internship III
 - Update to course description to include site-based requirements

School of Education...continued – ALL APPROVED

Department of Educational Leadership

Course Revisions

- EDLP 700 : Effective Learning Networks
 - Update to course modality
- EDLP 702 : Understanding Self as Leader: Theory and Data Analysis
 - Update to course modality
- EDLP 704 : Frameworks for Decision-making: Legal Perspectives
 - Update to course modality
- EDLP 705 : Frameworks for Decision-making: Ethical Perspectives
 - Update to course modality
- EDLP 708 : Leadership Presence
 - Update to course modality
- EDLP 709 : Equity and Leadership
 - Update to course modality
- EDLP 711 : Evidence-informed Perspectives on Practice I
 - Update to course modality
- EDLP 712 : Planning for Sustainable Change I
 - Update to course modality
- EDLP 713 : Evidence-informed Perspectives on Practice II
 - Update to course modality
- EDLP 714 : Planning for Sustainable Change II
 - Update to course modality
- EDLP 715 : Principles for Professional Writing I
 - Update to course modality
- EDLP 716 : Principles for Professional Writing II
 - Update to course modality
- EDLP 717 : Communicating Research Findings
 - Update to course modality
- EDLP 790 : Capstone Development
 - Update to course modality
- EDLP 798 : Capstone Plan Implementation
 - Update to course modality
- EDLP 799 : Capstone Completion
 - Update to course modality

Department of Teaching and Learning

Course Revisions

- READ 600 : Analysis and Correction of Reading Problems
 - Update to course modality
- READ 605 : Organizing and Implementing Reading Programs
- READ 672 : Internship
 - Update to course description to include site-based requirements
- READ 700 : Externship
 - Update to course description to include site-based requirements
- TEDU 551 : Foundations of Bilingual Education
 - Update to course modality
- TEDU 552 : Methods for Teaching Multilingual Learners
 - Update to course modality
- TEDU 562 : Reading Instruction in the Content Areas
 - Update to course modality
- TEDU 566 : Diagnosis and Remediation in Reading
 - Update to course modality
- TEDU 650 : Second Language Acquisition
 - Update to course modality
- TEDU 675 : Internship in ESL
 - Update to course modality

School of Education...continued – ALL APPROVED

Department of Teaching and Learning

- TEDU 683 : ESL Assessment and Trends
 - Update to course modality

Certificate Revisions

- CPG-TEL : Teaching English to Speakers of Other Languages, Certificate in (Post-baccalaureate graduate certificate)
 - Adding online modality
- CPM-RDS : Reading Specialist, Certificate in (Post-master's certificate)
 - Adding online modality

Program Revisions

- MT-TCH-EDEN : Teaching, Master of (M.T.) with a concentration in English education
 - Update to student learning outcomes and removal of the GRE
- MT-TCH-EDHS : Teaching, Master of (M.T.) with a concentration in history/social studies education
 - Update to student learning outcomes and removal of the GRE
- MT-TCH-EDMA : Teaching, Master of (M.T.) with a concentration in mathematics education
 - Update to student learning outcomes and removal of the GRE
- MT-TCH-EDSC : Teaching, Master of (M.T.) with a concentration in science education
 - Update to student learning outcomes and removal of the GRE

School of Medicine – ALL APPROVED

Department of Family Medicine & Population Health

Course Revision

- EPID 580 : Public Health Ethics
 - Update to course modality

Department of Microbiology

Program Revision

- MS-MIC : Microbiology and Immunology, Master of Science (M.S.)
 - Adding summer-entry to matriculation terms

School of Nursing – ALL APPROVED

Nursing-Dean's Office

Course Revisions

- NURS 512 : Foundations for Evidence-based Advanced Practice
 - Update to course modality
- NURS 515 : Holistic Leadership in Health Care Delivery
 - Update to course modality
- NURS 516 : Health Care Information Technology
 - Update to course modality
- NURS 517 : Organizational Science Implications for Human and Material Resource Management
 - Update to course modality
- NURS 593 : Project and Planned Change Management
 - Update to course modality
- NURS 603 : Improvement Science and Outcomes Management
 - Update to course modality
- NURS 604 : Applied Budgeting and Finance
 - Update to course modality
- NURS 606 : Evaluating Evidence to Improve Health Outcomes
 - Update to course modality
- NURS 607 : Epidemiology and Population Health
 - Update to course modality
- NURS 610 : Health Information and Emerging Health Care Technologies
 - Update to course modality
- NURS 621 : Leadership and Organizational Systems
 - Update to course modality
- NURS 638 : Health Policy Leadership and Advocacy
 - Update to course modality and restrict enrollment to graduate students in the program
- NURS 640 : Teamwork In Complex Clinical Situations
 - Update to course modality

School of Nursing...continued – ALL APPROVED

Nursing-Dean's Office

Course Revisions

- NURS 664 : DNP Residency: Mentored Practicum
 - Update to course modality
- NURS 665 : DNP Project I: Proposal Development
 - Update to course modality
- NURS 700 : Scientific Integrity: Responsible Conduct of Research
 - Update to course modality and restrict enrollment to graduate students in the program

- NURS 702 : Advanced Statistical Concepts for Nursing Research
 - Update to course modality
- NURS 703 : Philosophy of Human Sciences
 - Update to course modality
- NURS 704 : Analysis and Construction of Theory for Nursing Research
 - Update to course modality
- NURS 707 : Scholarly Writing
 - Update to course modality
- NURS 720 : Foundations of Biobehavioral Research
 - Update to course modality
- NURS 721 : Advanced Concepts in Biobehavioral Research
 - Update to course modality
- NURS 725 : Synthesis and Emerging Trends in Scientific Inquiry
 - Update to course modality
- NURS 731 : Foundations in Health Care Quality Research
 - Update to course modality
- NURS 732 : Advanced Concepts in Health Care Quality Research
 - Update to course modality
- NURS 770 : Quantitative Research
 - Update to course modality
- NURS 772 : Qualitative Research
 - Update to course modality
- NURS 797 : Practicum in Nursing Research
 - Update to course modality
- NURS 898 : Dissertation
 - Update to course modality

Certificate Revisions

- CPP-AGA : Adult-Gerontology Acute Care Nurse Practitioner, Certificate in (Post-professional certificate)
 - Update to admissions requirements
- CPP-FNP : Family Nurse Practitioner, Certificate in (Post-professional certificate)
 - Update to admissions requirements
- CPP-PMH : Psychiatric Mental Health Nurse Practitioner, Certificate in (Post-professional certificate)
 - Update to admissions requirements

Department of Nurse Anesthesia

Course Deletions

- NRSA 601 : Principles and Practice of Nurse Anesthesia I
- NRSA 602 : Principles and Practice of Nurse Anesthesia II
- NRSA 603 : Principles and Practice of Nurse Anesthesia III
- NRSA 604 : Principles and Practice of Nurse Anesthesia IV
- NRSA 605 : Principles and Practice of Nurse Anesthesia V
- NRSA 606 : Principles and Practice of Nurse Anesthesia VI
- NRSA 611 : Advanced Physiological Concepts for the Nurse Anesthetist
- NRSA 620 : Advanced Health Assessment for Nurse Anesthetists I
- NRSA 621 : Advanced Health Assessment for Nurse Anesthetists II
- NRSA 622 : Clinical Practicum I-II
- NRSA 623 : Clinical Practicum I-II
- NRSA 624 : Clinical Practicum III

School of Nursing...continued – ALL APPROVED

Department of Nurse Anesthesia

Course Deletions

- NRSA 625 : Clinical Practicum IV
- NRSA 626 : Clinical Practicum V
- NRSA 627 : Clinical Practicum VI
- NRSA 633 : Pathophysiology for Nurse Anesthetists
- NRSA 642 : Professional Aspects of Anesthesia Practice I
- NRSA 645 : Professional Aspects of Anesthesia Practice II
- NRSA 647 : Professional Aspects of Anesthesia Practice III
- NRSA 676 : Teaching Methodologies for the Nurse Anesthetist
- NRSA 683 : Research Methods in Nurse Anesthesia Practice
- NRSA 684 : Evidence-based Decision Making in Nurse Anesthesia

School of Pharmacy – ALL APPROVED

Department of Pharmacotherapy & Outcomes Sciences

Course Deletions

- PHAR 651 : Medical Access and Care for Underserved Populations
- PHAR 661 : Institutional Pharmacy Management
- PHAR 662 : Leadership and Advocacy
- PHAR 674 : Advances in Community Pharmacy Practice and Therapeutics
- PHAR 678 : Women's Health: Pharmacotherapeutic Issues and Controversies
- PHAR 679 : Critical Care Pharmacotherapy
- PHAR 686 : Entrepreneurial Pharmacy and Independent Pharmacy Practice
- PHAR 687 : Introduction to Research in Pharmacy

Program Revision

- DPHA-PHA : Pharmacy, Doctor of (Pharm.D.)
 - Update to required course number

School of Social Work – ALL APPROVED

Social Work-Dean's Office

Program Revisions

- MSW-SLW-APPP : Social Work, Master of (M.S.W.) with a concentration in administration, planning and policy practice
 - Update to admissions guidelines
- MSW-SLW-CK : Social Work, Master of (M.S.W.) with a concentration in clinical practice
 - Update to admissions guidelines

VCU Life Sciences – APPROVED

Center for Environmental Studies

Accelerated Program Revision

- BS:MENV ENS : Accelerated opportunities tab for environmental studies
 - Update to the admissions language to include accelerated program language

Wilder School – ALL APPROVED

LDWilder-Dean's Office

Course Revisions

- PPAD 721 : Survey of Applied Research Methods in Public Policy
 - Update to course description
- PPAD 722 : Survey of Data Analysis Techniques in Public Policy
 - Update to course description

Accelerated Program Revision

- BS:MS CRJ : Accelerated opportunities tab for criminal justice
 - Update to the admissions language to include accelerated program language

Certificate Revisions

- CPG-GIS-X : Geographic Information Systems, Certificate in (Post-baccalaureate graduate certificate)
 - Update to student learning outcomes

- CPG-CRJ-X : Criminal Justice, Certificate in (Post-baccalaureate graduate certificate)
 - Update to admissions application deadline
- CPG-GVI-X : Gender Violence Intervention, Certificate in (Post-baccalaureate graduate certificate)
 - Update to admissions application deadline
- CPG-NMC-X : Nonprofit Management, Certificate in (Post-baccalaureate graduate certificate)
 - Update to admissions application deadline
- CPG-SUP : Sustainability Planning, Certificate in (Post-baccalaureate graduate certificate)
 - Update to student learning outcomes
- CPG-URR-X : Urban Revitalization, Certificate in (Post-baccalaureate graduate certificate)
 - Update to student learning outcomes

Program Revisions

- MS-CRJ : Criminal Justice, Master of Science (M.S.)
 - Update to admissions application deadline
- MA-HSP-X : Homeland Security and Emergency Preparedness, Master of Arts (M.A.)
 - Removal of the GRE and update GPA to 3.0
- MURP-URP-X : Urban and Regional Planning, Master of (M.U.R.P.)
 - Update to student learning outcomes
- MURP-URP-XCR : Urban and Regional Planning, Master of (M.U.R.P.) with a concentration in community revitalization
 - Update to student learning outcomes
- MURP-URP-XEP : Urban and Regional Planning, Master of (M.U.R.P.) with a concentration in environmental planning
- PHD-PPA-CJPY : Public Policy and Administration, Doctor of Philosophy (Ph.D.) with a concentration in criminal justice policy
 - Update to student learning outcomes and removal of the GRE
- PHD-PPA-PBAD : Public Policy and Administration, Doctor of Philosophy (Ph.D.) with a concentration in public administration
 - Update to student learning outcomes and removal of the GRE
- PHD-PPA-PBPY : Public Policy and Administration, Doctor of Philosophy (Ph.D.) with a concentration in public policy
 - Update to student learning outcomes and removal of the GRE
- PHD-PPA-URPY : Public Policy and Administration, Doctor of Philosophy (Ph.D.) with a concentration in urban and regional policy
 - Update to student learning outcomes and removal of the GRE
- PHD-PPA-XX : Public Policy and Administration, Doctor of Philosophy (Ph.D.)
 - Update to student learning outcomes and removal of the GRE
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IV. Changes Approved by the Graduate School (Here as informational item.)

None.

IV. Old Business

None.

V. New Business

None.

VI. Chair's Report

UGC Bylaw Changes

- Programs and Courses (P&C) will continue next semester. The Provost Office would like the University Graduate Council to do a full review of the current bylaws and present all proposed changes at once. In addition, it is recommended that the UGC consider omitting the need for bylaw changes to go before the Board of Visitors and the President.

Programs and Courses

- To prepare for the future change of removing the Programs and Courses committee, it would be beneficial for current UGC members to volunteer to participate on the P&C committee to learn how to review items, what things to look for, etc. This would be done by pairing senior members with new members to aid in the review for the future transition.

Micro-credentials

- Dr. Bullard would like to introduce the idea of micro-credentials in graduate education at VCU. Many of our peer institutions are offering these in addition to standard graduate degrees and certificates. The Provost Office has also voiced support of these. Because of the credit requirement, micro-credentials do not require SCHEV approval. A great example is the University of Buffalo: <https://www.buffalo.edu/micro-credentials.html>

Graduate Policy Changes

- The Graduate School is currently preparing a list of proposed changes to current graduate policy that we hope to introduce to UGC. If there are any policies that are affecting your individual areas or you feel should be reviewed, please send those to Dr. Bullard.

Meeting adjourned: at 4:14pm.