

Minutes
West Virginia University Faculty Senate
Monday, January 13, 2020

1. Emily Murphy, Faculty Senate Chair, called the meeting to order at 3:16 p.m. in the Event Hall of the Law Center.

Members Present:

Anderson, K.	Costas, M.	Germana, M.	McCusker, B.	Scaife, B.
Andress, L.	Cottrell, L.	Goodykoontz, E.	McKibben, J.	Schaefer, G.
Angeline, M.	Crichlow, S.	Hambrick, G.	McMillen, J.	Schimmel, C.
Arthurs, J.	Cui, A.	Harrison, N.	Miltenberger, M.	Scott, D.
Atkins, C.	DiBartolomeo, L.	Hauser, D.	Morris, A.	Sealey, V.
Ballard, D.	Dickman, B.	Hibbert, A.	Morris, T.	Singh-Corcoran, N.
Bastress, R.	Donley, D.	Hildebrand, L.	Mucino, V.	Soccorsi, A.
Benedito, V.	Eades, D.	Hileman, S.	Murphy, E.	Sowards, A.
Bernardes, E.	Elliott, E.	Hornsby, G.	Nutter, R.	Toppe, M.
Bernstein, M.	Elswick, D.	Hudgins, C.	Ogden, L.	Tu, S.
Bhandari, R.	Eubank, T.	Hutson, Z.	Olfert, M.	Utzman, R.
Morgan, J.	Evans, J.	Kitchen, S.	Olson, K.	Valentine, K.
Bonner, D.	Famouri, P.	Kupec, J.	Perhinschi, M.	Vanderhoff, J.
Bragg, R.	Feaster, K.	Li, H.	Plein, C.	Vercelli, M.
Bravo, G.	Fleming, S.	Lockman, J.	Pyzdrowski, L.	Vona-Davis, L.
Bryner, R.	Fraustino, J.	Mallow, J.	Rakes, P.	Wayne, S.
Burnside, J.	Galvan-Turner, V.	Martucci, A.	Reddy, R.	Welsh, A.
Butina, M.	Galvez, M.	Matak, K.	Rowlands, A.	Woods, S.
Chantler, P.	Garofoli, G.	McCombie, R.	Ryan, E.	Zegre, N.
Clemmer, M.	Geldenhuys, W.	McCrorry, J.	Sand-Jecklin, K.	

Members Excused:

Billings, H.	Downes, M.	Hessl, A.	Nix, A.	Watson, J.
Burt, A.	Gilleland, D.	Jacobson, G.	Phillips, T.	Woloshuk, J.
Chisholm, S.	Hardy, S.	Kolar, M.	Sims, J.	Young, S.
Cohen, S.				

Members Absent:

Bailey, K.	Dietz, M.	Law, K.	Rice, T.	Shapiro, R.
Corio, E.	Estep, C.	Lieving, G.	Schaeffer, P.	Smith, M.
Cronin, A.	Hartnett, H.	M'bayo, T.	Sedney, C.	Swager, L.
Davis, D.	Holbein, M.	Pradhan, T.		

Faculty Senate Officers Present:

Hauser, D.	Hileman, S.	Murphy, E.	Nutter, R.	Singh-Corcoran, N.
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2. Chair Murphy moved for approval of the minutes from the Monday, December 9, 2019 meeting.
Motion carried.
3. President Gordon Gee reported that the governor proposed a budget that is supportive of the University. He expects the 60-day legislative session to be productive.
4. Provost Maryanne Reed reported the following:

- The search is underway for a new Director for Translational Artificial Intelligence. The director will report jointly to the Provost and the Vice President of Research. The new hire will be tasked with leading a campus-wide AI initiative that will build on current investments in AI across academic disciplines. A key focus will be on the application of AI innovations to advance economic development and provide solutions to opportunities and challenges that we face in the region. The position is posted on WVU Hire and on artificialintelligence.wvu.edu.
 - The Benedum Distinguished Scholars Showcase will be held January 14. The 2018-2019 scholars include Duncan Lorimer, Peter Schaeffer, Bernard Schreurs, and Janice Spleth. The showcase will highlight each scholars' work and include a guided conversation led by Melissa Latimer.
 - This month WVU is hosting two public events commemorating the 75th anniversary of the liberation of Auschwitz. On January 27, WVU's Pi Lambda Phi Jewish Studies Lectureship Committee will be hosting a live-stream from the Memorial and Museum at Auschwitz-Birkenau. In addition, the WVU Downtown Campus Library will be showcasing a selection of books about Auschwitz as well as an exhibit of reproduced artworks from the Yad Vashem Art Museum in Israel.
 - The search is wrapping up for the Dean of the Statler College. She hopes to have an announcement by the end of January.
 - The searches for the deans of the Davis College and Extension are well underway. The positions have been posted for over a month, search committees have been selected and announced, and we are receiving applications. The goal is to hold airport interviews in early February for both positions.
 - The Office of the Provost has placed a high priority on diversifying our faculty and building a more inclusive university community. As part of this push, Melissa Latimer and a team of faculty and administrators will be conducting individual and focus group interviews over the next several weeks to better understand the experiences and observations of our faculty of color related to recruitment, retention, and support systems. Dr. Latimer and her team will be reaching out to current faculty and to those who have recently left the institution. We will use the information that they collect to inform future initiatives designed to recruit and to support diverse faculty at WVU.
 - This spring the Provost's Office, in conjunction with the Office of Financial Aid, is piloting a program aimed at improving student success. Seniors with unmet need who have exhausted nearly all other forms of financial aid will be offered completion grants. The grants of up to \$1500 will be automatically applied to the bills of students who meet the criteria.
 - The Office of Strategic Initiatives, led by Rob Alsop, is about to release a new governance structure for instructional technology for IT at the university. Multiple faculty, as well as academic leaders from a variety of areas on campus, will be included in a series of committees that will help to identify the strategic priorities for improving our IT systems and processes.
5. Rob Alsop, Vice President for Strategic Initiatives, presented an overview of the University budget.
6. Chair Murphy reported the following:
- She reminded everyone that Faculty Senate meetings are a time for faculty to ask questions of our administrators and to be informed about what is going on in the various Faculty Senate committees. She encouraged Senators to be proactive about asking their constituents if they would like Faculty Senate to be aware of or address any specific items.

- Nomination ballots for new Faculty Senators will be open from January 17 through January 29. Please nominate colleagues who you believe would be good representatives of your constituency.
 - At the February Faculty Senate meeting, TorchStar will talk about recruitment and retention strategies. A representative from the Foundation will also address the Senate about the importance of philanthropy.
7. Ednilson Bernardes, Chair, Curriculum Committee, moved for approval of the following reports. Motion carried.
- Annex I, New Courses Report.
 - Annex II, Course Changes and Deactivations Report.
 - Annex III, Capstone Courses Report
 - Changes to the Major in Biomedical Laboratory Diagnostics.
 - New Major in Health Services Management and Leadership.
- The following reports were submitted for information. Reports filed.
- Annex IV, Administrative Course Approvals Report.
 - Annex V, Graduate Programs Report.
8. Lesley Cottrell, Chair of the General Education Foundations Committee, reported that the committee has had ongoing discussions with the Provost's Office about general education. A few committee members, as well as additional members of the faculty and Senate, have been nominated to serve on a task force.
9. Ashley Sowards, Chair of the Teaching and Assessment Committee, reported that the committee met on January 9. There is nothing formal to report at this time.
10. Lesley Cottrell, Chair of the Committee on Committees, Membership, and Constituencies, moved for approval of the following report. Motion carried.
- Annex VI, Standing Committee Membership Changes.
11. Roy Nutter, Faculty Representative to State Government, reported that enrollment is up at 2-year institutions, but enrollment at some 4-year institutions is a concern.
12. Stan Hileman, BOG Representative, reported that the Board of Governors met on December 20, 2019. The Board approved the transfer of buildings located on the former campus of WVUIT in Montgomery to Bridge Valley Community and Technical College. The Board is looking at approving some of the initial stages of upgrading the Information Technology Systems network across campus. Honorary degree candidates were also approved. The next meeting will be on February 28, 2020.
13. New Business – none.
14. The meeting adjourned at 4:18 p.m. to reconvene on Monday, February 10, 2020.

Judy Hamilton
Office Administrator

To: Faculty Senate Executive Committee
 From: Ednilson Bernardes, Chair, Faculty Senate Curriculum Committee
 Date: December 16, 2019
 Re: New Courses Report

Title	College	Credits	Prerequisites	Catalog Description
MATH 473: Actuarial Mathematics I	AS	3	MATH 156 with a minimum grade of C-.	Introduction to modeling and actuarial modeling methods. Study of useful frequency and severity models, discussion the steps involved in the modeling process to solve business problems. Covers parts of CAS Exam 4/SOA Exam STAM (Short-Term Actuarial Mathematics).
CPE 620: Deep Learning	CEMR	3	CPE 520	Review of neural network architectures; introduction to advanced deep neural network architectures that use many layers and large databases; application of deep learning to dimensionality reduction, latent feature extraction, and manifold representation; coupled deep neural networks for cross-modality object verification; use of multiple neural networks for data fusion; applications of deep learning in biometrics, computer vision, and data mining.
* MAE 457: UAV Path Planning and Trajectory Tracking	CEMR	3	MAE 365 or MAE 466 or consent of instructor, prior experience with Matlab and Simulink.	Introduction to algorithms for unmanned aerial vehicle (UAV) path planning and trajectory tracking: development, implementation, and testing through simulation.
MAE 469: UAV Guidance, Navigation Control	CEMR	3	MAE 365 or MAE 466.	Introduction to multi-rotor unmanned aerial vehicle (UAV) dynamics. Basic filters for UAV state estimation. Introduction to UAV attitude stabilization and altitude holding controllers. Simplified UAV path planning algorithms.
CTS 600: Foundations of Scientific Integrity	MED	1	Enrollment in the Clinical and Translational Science M.S. or Certificate programs or permission of Instructor.	As a graduate student or trainee at West Virginia University, you are required to meet particular federal and University-wide standards regarding the responsible conduct of research. This course, which also includes training via the Collaborative Institutional Training Initiative (CITI) addresses this requirement for Master's programs and individuals with NIH Responsible Conduct of Research training requirements.
CTS 610: Clinical Research: Ethics and Regulatory Aspects	MED	2	Enrollment in the Clinical and Translational Science M.S. or Certificate programs or permission of instructor.	Topics covered in this course include history, guidance, and framework for ethical clinical research; IRB review, informed consent and investigator panel; subject selection, coercion and undue inducement and ethics of research with children; risks and benefits, research with adults who cannot consent and participant panel; ethics and international research; ethics of randomized clinical trials, the use of placebo in trials
CTS 620: Scientific Manuscript Writing and Publishing	MED	2	Enrollment in the Clinical and Translational Science M.S. or Certificate programs, or permission of instructor.	This course introduces students to scientific writing focusing on manuscript preparation, technical writing skills, the publication process, navigating peer review and ethical issues in publishing. Students will prepare their own manuscript during this course.

* Proposal referred to Teaching and Assessment Committee for further review of syllabus.

Title	College	Credits	Prerequisites	Catalog Description
NSG 381: Perspectives on Caring	NSG	3		What does it mean to be caring? How is caring lived in the human experience? The premise of this course is that caring is a moral imperative, and essential for becoming a global citizen. From classic and contemporary works, the student will explore this concept over the past, present, and future through interpersonal, theoretical, ethical, and socio-political lenses.
NSG 739: Scientific Underpinnings of the DNP Role	NSG	3		Integration of theories from nursing, the sciences, and the humanities to build a foundation for preparation of students to fulfill the role of the advanced practice nurse at the highest level of nursing practice.
DMC 665: Customer Engagement Strategy	RCM	3	IMC 640.	Examines contemporary content strategies for engaging customers through the channels and at the times they prefer. With omnichannel marketing at the center, students will learn to recognize and facilitate customer journeys that provide seamless user experience and path to purchase.
IMC 215: Principles of Integrated Marketing Communications (IMC)	RCM	3	Undergraduate IMC majors only.	An introduction to the foundations of integrated marketing communications (IMC) with an emphasis on the promotional components (advertising and public relations) as well as the marketing functions of the IMC planning process.
IMC 459: IMC Capstone	RCM	3	(ADPR 421 or STCM 421 or MKTG 325) with a minimum grade of C-.	Students apply knowledge and skills from previous IMC courses to create an Integrated Marketing Communications campaign for a real-world client.
PUBH 258: Terminology and Communication for Health Professionals	SPH	3		Reviews essential skills needed for communicating with a variety of health-related professionals and lay persons, and applies these in professional, clinical, and administrative settings. The student will also become familiar with the basics of medical terminology and the fundamentals of pronunciation, and the structure of medical language and medical terms.
PUBH 325: Introduction to Injury Prevention	SPH	3		Students gain understanding of overarching topics in injury including assessing the public health impact of injuries, their causes and risk factors, and the development and assessment of appropriate interventions. Topics covered include falls, pedestrian safety, motor vehicles accidents, drug overdose, suicide, intimate partner violence, and adverse childhood experiences, all relevant to the key public health challenges affecting the United States.
PUBH 438: Managing Quality Improvement in Healthcare	SPH	3		Introduces students to the latest healthcare quality and patient safety improvement thinking through didactic sessions, interactive exercises and case studies with direct relevance for public health practitioners, healthcare administrators or clinicians. Examines healthcare quality and patient safety from a strategic viewpoint to make healthcare administrators effective decision makers.

Title	College	Credits	Prerequisites	Catalog Description
PUBH 482: Health Management Internship	SPH	6	PUBH 400	Students complete a 125 hour prearranged internship that is planned, supervised, and evaluated for credit with a health-related agency or office. Students will develop and complete outcomes that are detailed in an affiliation agreement. Reflective journal essays and meetings to discuss observations, successes and challenges are scheduled at strategic times during the semester.
PUBH 489: School of Public Health Undergraduate Capstone	SPH	2	Pre-requisite and/or Concurrent Course Requirement: a minimum of C- in PUBH 481, 482, or 486	Students demonstrate attainment of knowledge and skills in their major and area of emphasis (where applicable) through the development, practice and presentation of a poster comprising their field experience, outcomes and outputs, and reflective journal essays. The poster is presented to and evaluated by SPH stakeholders.
ULIB 199: Orientation to College Research	ULIB	2		Offers knowledge and skills needed to successfully complete undergraduate research projects. Introduces resources for research and evaluation skills, as well as basic project management skills.

To: Faculty Senate Executive Committee
 From: Ednilson Bernardes, Chair, Senate Curriculum Committee
 Date: December 16, 2019
 Re: Course Changes and Deactivations Report

Course Changes

Field	Old Value	New Value
ADV 315		
Catalog Prerequisites	ADV 215 and admission to the College of Media.	(ADV 215 or STCM 215 or ADPR 215) with a minimum grade of C-.
Justification for Course Change		Update the PRs to match the new course codes.
CHE 312		
Catalog Prerequisites	CHE 310 and CHE 311 and CHE 320.	CHE 320.
Justification for Course Change	In the past, this course contained content for solving problems using older graphical techniques and laboratory demonstrations and experiments. These are no longer included as part of the course. The instructor now utilizes software to solve graphical problems and no experiments are performed. The requested change only applies to the course offered at WVU (Morgantown). The version offered at WVUIT will remain unchanged.	This change is part of a comprehensive review of the undergraduate prerequisites for chemical engineering. Only minimal knowledge of heat transfer and fluid mechanics (CHE 310 and 311) is needed. The relevant material is reviewed as part of this course anyway, so the prerequisites of CHE 310 and 311 are not needed
DENT 732		
Full Title	Periodontics	Advanced Endodontics 1: Biological Applications in Endodontics
Transcript Title	Periodontics	Adv. Endo 1: Bio Applications
Catalog Description	Lectures in the advanced theory and practice of preventive dentistry with emphasis on nutrition.	Lectures present current evidenced-based knowledge on the theory and practice of endodontics for the prevention, examination, diagnosis and treatment of pulpal and periapical disease.
Catalog Prerequisites		DENT 721
Justification for Course Change		We are increasing the number of endodontic courses in the dental school curriculum by one resulting in a net increase of one credit hour. This is justified in order to provide extensive coverage of advanced endodontic principles to students as they begin patient care, so that students are more fully exposed to any and all endodontic procedures they may see in practice and are fully prepared for their board exams. Students will be able to understand their limits as student dentists and know when to refer to an endodontist, while also gaining an understanding of what services the endodontist will provide to their patients.

DENT 733

Full Title	Advanced Endodontic Theory and Practice	Advanced Endodontics 2: Biological Applications in Endodontics
Catalog Description	Lecture and discussion concerning recognition and diagnosis of complex endodontic problems, emergency treatment, assessment of prognosis, and appropriateness for referral for specialty treatment.	Lecture and discussion concerning recognition and diagnosis of complex endodontic problems, emergency treatment, assessment of prognosis, and appropriateness of referral for specialty treatment.
Banner Prerequisites	DENT 721 D- UG	DENT 721 D- PR
Transcript Title	Adv Endo Theory and Practice	Adv Endo 2: Bio Applications
Justification for Course Change		We are increasing the number of endodontic courses in the dental school curriculum by one resulting in a net increase of one credit hour. This is justified in order to provide more extensive coverage of advanced Endodontic principles to students as they begin patient care, so that students are more fully exposed to any and all endodontic procedures they may see in practice and are fully prepared for their board exams. Students will be able to understand their limits as student dentists and general dentist and know when to refer to an endodontist, while also gaining understanding of what services the endodontist will provide to their patients.

PALM 425

Full Title	Immunohematology and Blood Banking Laboratory	Immunohematology Practicum
Transcript Title	Immunohematlg/Blood Bank Lab	Immunohematology Practicum
Catalog Description	Clinical laboratory practice in blood banking procedures. Emphasis on procedures required for collection and preparation of blood and blood components for transfusion, special techniques, antibody studies, and problem solving.	Supervised practicum in which students will integrate practice and theory of immunohematology in a health care setting and will be exposed to the scope of work, variety of tests, and automation found within the immunohematology department.
Course Code	PALM 421	PALM 425
Course Number	421	425
Credit Hours	3	4
Catalog Prerequisites		PALM 420 and PALM 422
Justification for Course Change		Changes are based on recommendations from recent external academic program review and to meet accreditation standards.

PALM 435

Full Title	Clinical Chemistry Laboratory	Clinical Chemistry Practicum
Transcript Title	Clinical Chemistry Laboratory	Clinical Chemistry Practicum
Catalog Description	Application of clinical chemistry principles to laboratory medicine, to include routine and specialized procedures, specimen and result evaluation, and problem solving.	Supervised practicum in which students will integrate practice and theory of clinical chemistry in a health care setting and will be exposed to the scope of work, variety of tests, and automation found within the clinical chemistry department.
Course Code	PALM 431	PALM 435
Course Number	431	435
Credit Hours	3	4
Catalog Prerequisites	PALM 329 and PALM 420.	PALM 430 and PALM 432
Justification for Course Change		Changes are based on recommendations from recent external academic program review and to meet accreditation standards.

PALM 445

Full Title	Clinical Hematology Laboratory	Clinical Hematology Practicum
Transcript Title	Clinical Hematology Laboratory	Clinical Hematology Practicum
Catalog Description	Application of hematological principles to laboratory medicine, including coagulation, urinalysis, and body fluids. Emphasis on routine and specialized procedures, evaluations, and problem solving.	Supervised practicum in which students will integrate practice and theory of clinical hematology in a health care setting and will be exposed to the scope of work, variety of tests, and automation found within the hematology department.
Course Code	PALM 441	PALM 445
Course Number	441	445
Credit Hours	3	4
Catalog Prerequisites		PALM 440 and PALM 442
Justification for Course Change		Changes are based on recommendations from recent external academic program review and to meet accreditation standards.

PALM 455

Full Title	Clinical Microbiology Laboratory	Clinical Microbiology Practicum
Transcript Title	Clinical Microbiology Lab	Clinical Micro Practicum
Catalog Description	Practice in the clinical microbiology laboratory to include isolation and identification of microorganisms, processing of specimens and antibiograms.	Supervised practicum in which students will integrate practice and theory of clinical microbiology in a health care setting and will be exposed to the scope of work, variety of tests, and automation found within the clinical microbiology department.
Course Code	PALM 451	PALM 455
Course Number	451	455
Credit Hours	3	4
Catalog Prerequisites		PALM 450 and PALM 452
Justification for Course Change		Changes are based on recommendations from recent external academic program review and to meet accreditation standards.

SEP 312

Course is Variable Credit	Yes	No
Credit Hours	1 to 2	1
Course is Repeatable	Yes	No
Total Credits:	2	
Maximum Attempts:	1	
Catalog Description	This course provides students majoring in Sport and Exercise Psychology with an introduction to graduate school and the necessary skills needed to prepare them for graduate education.	This 1 credit upper level undergraduate course provides undergraduate students majoring in Sport and Exercise Psychology with the necessary skills needed to succeed upon their graduation from the Sport and Exercise Psychology program and West Virginia University. This is a service-learning course which will include a required 10 hours of volunteer service.
Catalog Prerequisites	SEP 210 and SEP 271 and SEP 272 with a minimum grade of B- in each.	SEP 210 and SEP 271 and 272 with a minimum grade of B- in all and Junior or Senior standing.

Course Deletions

BIOL 446	Freshwater Ecology
BIOL 337	Physiological Psychology

To: Faculty Senate Executive Committee
 From: Ednilson Bernardes, Chair, Faculty Senate Curriculum Committee
 Date: December 16, 2019
 Re: Capstone Courses Report

Capstone Courses

		How will students demonstrate each of the following abilities:			Capstone Components:	
Title	College	1. Gather material independently, as needed:	2. Think critically about and integrate the theoretical and/or practical knowledge that they have acquired throughout their undergraduate careers:	3. Reflect on the ethical (or societal) issues that are implicit in their project and/or their project's design:	1. Please describe briefly how the written component of the Capstone Experience in the course(s) listed above is completed.	2. Please describe briefly how the oral component of the Capstone Experience in the course(s) listed above is completed.
IMC 459: IMC Capstone	RCM	All assignments are independently produced.	All assignments draw on the foundational skills learned in prior courses in IMC and MKTG, and build towards a comprehensive campaign plan.	Assignments require students to identify market segments and ethically target populations of interest. Development of campaign materials will require students to consider ethical and legal ramifications of actions across traditional, digital and emerging media.	Students are required both to regularly engage in online discussions and develop a comprehensive written communication plan.	As an online capstone the students presentation of materials will be in a written format.
PUBH 489: School of Public Health Undergraduate Capstone	SPH	Describe the agency you are placed with, their services, target population(s), location and service area. Include socio-demographic data/information about the target population(s). How is this agency funded? Are they a non-profit or part of a larger organization? When and why was the agency established (if important)? Does it have a lengthy history?	Describe the public/community health issue that is being targeted in your project with the community partner agency. Relate, at a minimum, the current state of this topic using words and data (suggestions include the CDC, state health departments, county health rankings, for the appropriate city, county, state, region, or country (typically US, but there could be a global context). Provide context to assist in understanding how serious this issue is to your community partner agency and make sure to cite any sources, as well as list these in an attached reference list.	Students are asked to integrate information on the following aspects of their field placements: Your community partner's role in providing valued and necessary services to the population served? Describe how the agency addressed social determinants of health in its target populations, services or programs. Compare and contrast the reality of day-to-day tasks in the organization with what you expected their work would be like (ie, was there more paperwork, meetings, "behind the scenes" type work vs. exciting, fast-paced interactions)	The written components include: 1) the initial summary of the filed experience and their outcomes and outputs. 2) the poster outline. 3) the draft version of the poster 4) the final version of the poster	The oral components include the required practice of the poster presentation and the final presentation presented among all students completing undergraduate degrees in the School of Public Health at the end of the semester to a variety of stakeholders and evaluated by faculty teams using the poster presentation rubric.

To: Faculty Senate Executive Committee

From: Ednilson Bernardes, Chair, Senate Curriculum Committee

Date: December 16, 2019

Re: Administrative Course Approvals Report

Field	Old Value	New Value
CHEM 231		
Credit Hours	4	3
Justification for Course Change		Because of technical issues with Banner with grade reporting, the lecture needs to be fully independent from the laboratory and only carry 3 credit hours. Students will be assessed separately in a 1 credit CHEM 231L lab. There are no curricular changes, and the change will not affect students.

CHEM 231L		
Credit Hours	0	1
Justification for Course Change		Because of technical issues with Banner with grade reporting, the lab needs to be fully independent from the laboratory and only carry 1 credit hours. Students will be assessed separately in a 3 credit CHEM 231 lecture. There are no curricular changes, and the change will not affect students.

TO: Faculty Senate

FROM: Ednilson Bernardes, Chair Faculty Senate Curriculum Committee

DATE: December 16, 2019

RE: Graduate program reviews from Graduate Council November 21, 2019

1. Program proposals

- a. **New major** MA Elementary Math Specialist (key 1134)
 - Graduate Council action: Approved
- b. **New major** MA Digital Technologies and Connected Learning (key 1117)
 - Graduate Council action: Approved
- c. **New major** MS Economics (key 1197)
 - Graduate Council action: Approved
- d. **New major** MBA Healthcare (key 1199)
 - Graduate Council action: Approved
- e. **New intent to plan** MS in Digital Marketing Communications (key 1210)
 - Graduate Council action: Approved
- f. **New intent to plan** certificate in Petroleum Data Analytics (key 1201)
 - Graduate Council action: Approved
- g. **Program changes in** MS Exercise Physiology (key 371)
 - Graduate Council action: Approved

Standing Committee Membership Changes 2019-2020

Last Name	First Name	Constituency	Current Senator	Committee
Allen	Anna	School of Public Health	no	Inclusion and Diversity