MARSHALL UNIVERSITY®

Graduate Council

MEMORANDUM

To: Dr. Jerome Gilbert – President

From: Dr. Lori Howard – Chair, Graduate Council *LH*

Date: April 8, 2019

Subject: **Approval of Graduate Council Minutes: March 22, 2019**

Attached are the minutes of the recent Graduate Council meeting for your review. Approval of these minutes will also serve as approval of curricular motions, graduate faculty status, etc.

Please advise if you have any comments/concerns/questions.

Minutes approved.   *Jerome G. Gilbert*   4-11-19
                  Dr. Jerome Gilbert   Date
                  President, Marshall University

Note to Cora Pyles, Executive Assistant to the President: Please return the signed original to Dr. Lori Howard with .pdf copies e-mailed to:
        Dr. Lori Howard, Chair, Graduate Council, howardl@marshall.edu
        Dr. Conrae Lucas-Adkins, Secretary, Graduate Council, lucas26@marshall.edu
        Dr. David Pittenger, Dean, Graduate College, pittengerd@marshall.edu
        Dr. Monica Brooks, Asst. VP Online Learning & Libraries, brooks@marshall.edu
        Dr. Tammy Johnson, Exec. Director of Admissions, johnson73@marshall.edu
        Dr. Sonja Cantrell, Registrar, cantrel1@marshall.edu
        Dr. Sherri Smith, Associate VP for Academic Affairs, smithsc@marshall.edu
        Dr. Mary Beth Reynolds, Associate VP Assessment, reynoldm@marshall.edu
        Ms. Sandee Lloyd, Graduate Dean's Office, lloyd@marshall.edu
        Mr. Adam Russell, Office of Academic Affairs, russell58@marshall.edu

MU Graduate Council Meeting Minutes – March 22, 2019
John Spotts Room, Huntington
Meeting will begin at 1:00 p.m. sharp and end no later than 3:00 p.m.
Please advise Lori Howard if you will not be attending

Members Present: Allen, Blough, Davis, Georgel, Hanna, Heaton, Howard, Kayronz, Lanham, Lucas-Adkins, Sollars, Vauth, Wait
Members Absent: Beard, Lawrence, Thompson
Ex-Officio Members Present: Pittenger
Ex-Officio Members Absent: Maher, Taylor
Guests: Brunty, Green, McInerney, Morrissette, Wahyudi

Agenda

Howard	Welcome, Introductions, Announcements
Lucas-Adkins	Approval of previous meeting Minutes (Attachment 1)
Howard	Graduate faculty status candidates (Attachment 2)
Lawrence	Planning Committee (Attachment 3)
Heaton	Curriculum Committee (Attachment 4)
Lanham	Program Review
Blough	Credentialing Committee
Howard	Executive Committee By Laws
Howard/Pittenger	Other Business: Graduate Recruitment

Please reserve these meeting dates:
- April 26, 2019 – South Charleston Thomas Boardroom

Reminder: All electronic and hard copy requests for Graduate Council must be received no later than the first day of the month in which Council meets. Requests for the April 26 meeting are due on <u>or before</u> April 1st.

Attachments:
1. Minutes of the past meeting (Attachment 1)
2. Graduate Faculty Membership Requests (Attachment 2)
3. Planning Committee Requests (Attachment 3)
4. Curriculum Committee Requests (Attachment 4)
5. Marshall University Mission Statement (Attachment 5)

The meeting was called to order at 1:00 PM.

Howard proposed minor adjustment to presentation order for today's meeting, and all agreed. Heaton presented recommendations for CITE from Curriculum Committee, followed by Wait's presentation of Planning Committee items, then return to Heaton for remainder of Curriculum Committee items.

MINUTES OF PREVIOUS MEETING   **APPROVED**
(See Attachment 1)

GRADUATE FACULTY CANDIDATES   **APPROVED**
(See Attachment 2)

CURRICULUM COMMITTEE   **APPROVED**
(See Attachment 4- CITE)

CITE: Two amendments provided to Committee from Dr. Yoo. Committee recommended acceptance of requested changes given the details provided by Dr. Yoo.

ACADEMIC PLANNING COMMITTEE   **APPROVED**
(See Attachment 3)

With exception of SOM's proposed Accelerated MA program addition to Biomedical Research, all course changes were approved.

Representatives from SOM's Biomedical Research program and Council members discussed proposal and agreed to table the decision. Further information is needed before decision can be finalized.

CURRICULUM COMMITTEE   **APPROVED**
(See Attachment 4 for remainder of items)

All remaining course changes, course additions, and degree changes were approved.

PROGRAM REVIEW COMMITTEE

No new business.

Motion to move to Executive Session at 1:36 PM.
Motion to return to Council Meeting at 1:41 PM.

CREDENTIALING COMMITTEE   **APPROVED**

Approval of Dean Eagle's graduate faculty status.

EXECUTIVE COMMITTEE BY LAWS

Discussion of proposed bylaws from Executive Committee. Article V is the area most affected by proposed changes. Two primary issues considered were:
- Election vs. appointment of a student representative to Council
- Proceedings for meetings and how schedule could be affected by emergencies, including weather and traffic delays.

Howard will send new electronic version of proposed changes to the bylaws for Council to review. Recommends that all Council members discuss with their colleges and departments. Plan is a recommendation to vote on bylaws at next Council meeting.

OTHER BUSINESS DISCUSSED

1. Dean Pittenger discussed Graduate Open House that was held on Huntington campus. Some recommendations for future graduate recruitment:

- Targeted events with specific programs as opposed to a "Green & White" type of event for graduate recruitment.
- Consider recruiting from undergraduate capstone courses
- Using accelerated graduate programs as a recruitment tool
- Facilitating connections between graduate and undergraduate programs. Two examples from COB and Kinesiology program.

2. Dean Pittenger commended COB for involving their juniors and seniors in professional development activities.

Meeting was adjourned at 2:14 PM

Attachment 1
Minutes
MU Graduate Council Meeting – March 1, 2019
Thomas Boardroom, South Charleston

Members Present: Beard, Davis, Georgel, Heaton, Howard, Kayrouz, Lanham, Lawrence, Sollars, Thompson, Vauth, Wait
Members Absent: Allen, Blough, Hanna, Lucas-Adkins
Ex-Officio Members Present: Pittenger
Ex-Officio Members Absent: Maher, Taylor
Guests: McInnerney (COB) Gannon (COHP) Boles (SOM) Miller (SOM) Lankton (COB) Spradlin (COB) McGuffey (University Admin) Hatfield (Accreditation) Christofero (Accreditation)

Agenda

Howard	Welcome, Introductions, Announcements
Lucas-Adkins	Approval of previous meeting Minutes (Attachment 1)
Howard	Graduate faculty status candidates (Attachment 2)
Lawrence	Planning Committee (Attachment 3)
Heaton	Curriculum Committee (Attachment 4)
Lanham	Program Review
Blough	Credentialing Committee
Howard	Executive Committee By Laws
Howard/Hatfield	Marshall University Mission Statement (Attachment 5)
Howard/Pittenger	Other

Please reserve these meeting dates:
- February 22, 2019 – South Charleston Thomas Boardroom (Rescheduled for March 1)
- March 22, 2019 – Huntington John Spotts Room
- April 26, 2019 – South Charleston Thomas Boardroom

Reminder: All electronic and hard copy requests for Graduate Council must be received no later than the first day of the month in which Council meets. Requests for the February 22 meeting are due on or before February 1st.

Attachments:
1. Minutes of the past meeting (Attachment 1)
2. Graduate Faculty Membership Requests (Attachment 2)
3. Planning Committee Requests (Attachment 3)
4. Curriculum Committee Requests (Attachment 4)
5. Marshall University Mission Statement (Attachment 5)

The meeting was called to order at 1:01PM.

MINUTES OF PREVIOUS MEETING   **APPROVED**
(See Attachment 1)

GRADUATE FACULTY CANDIDATES   **APPROVED**
(See Attachment 2)

ACADEMIC PLANNING COMMITTEE   **APPROVED**
(See Attachment 3)

COEPD: Course changes in the Early Childhood, Option I area of emphasis

COEPD: Change in catalog description regarding the Graduate Certificate of Advanced
    Studies in Violence, Loss, and Trauma Counseling

COHP: DPT Policy Change and Addition to Graduate Catalog

SOM: New Degree – Master of Medical Science Physician Assistant
    Discussion was held. Visitors from program gave presentation.

COP: Change to application due date.

Graduate College: Changes to catalog describing degree requirements and
    thesis/dissertation.

LCOB: New Degree – Doctor of Business Administration
    Discussion was held. Visitors from program answered questions

CURRICULUM COMMITTEE   **APPROVED**
(See Attachment 4)

With exception of the COLA Catalog Change for the Geography Department, all
courses changes and additions were approved.

All agreed to table the COLA Catalog Change for the Geography Department needing
further information on where these changes would occur in the catalog.

The six Course Changes for the College of Business MPNA program were approved via
an electronic vote during the week of February 18, 2019.

PROGRAM REVIEW COMMITTEE

No new business.

CREDENTIALING COMMITTEE

No new business.

OTHER BUSINESS DISCUSSED

1. There's been a request to review the Bylaws of the Grad Council. The executive committee will be reviewing them with Eldon and will have recommendations at next month's meeting.

2. MU Mission Statement has been reviewed by the Ad Hoc Summer 2018 Mission Review Committee. Handouts from the committee were provided. A discussion was held. A motion was made to endorse the proposed revision to Marshall University's Mission Statement. A vote was held, and the motion was **PASSED**. The motion read as follows "The members of the Graduate Council have read and now endorse the proposed revision to Marshall University's Mission Statement. We appreciate the amazing efforts of the members of the Ad Hoc Mission Review Committee, who crafted a concise statement that describes Marshall University's academic programming, the population served, and the school's contribution to the state. The document, while being a summary statement of the institution's activities while not changing its mission, provides a template to evaluate new programs to be offered as well as review the merits of current programs."

3. Motion was made and **PASSED** to enter Executive Session

4. Motion was made and **PASSED** to exit Executive Session

5. Motion was made and **PASSED** to table the topic discussed in Executive Session.

Meeting was adjourned at 2:20PM

Attachment 2
Graduate Faculty Status Requests

Type	Faculty	College/Department	Faculty Status	Term Begins	Term Expires
Add	Ryu, Jungsu	School of Kinesiology	Graduate	1/14/2019	
Add	Schoeberlein, Stefan	English	Graduate	8/20/2018	12/8/2023
Delete	Carretero, Oscar	Pharmacology, Physiology & Toxicology	Associate	5/1/2015	5/1/2018
Delete	Cohenford, Menashi	Integrated Science & Tech.	Graduate	1/31/2013	1/31/2018
Delete	Day, Brian	Chemistry	Associate	8/21/2017	12/11/2020
Delete	Dingess, Kim	Biological Science	Associate	2/3/2015	2/3/2018
Delete	Frost, Leslie	Chemistry	Graduate	9/18/2012	9/18/2017
Delete	Georgel, Philippe	Biological Science	Graduate	8/17/2015	8/17/2020
Delete	Kim, Min Kook	IST	Graduate	3/18/2013	3/18/2018
Delete	Somerville, Charles	Biological Sciences	Graduate	1/31/2013	1/31/2018
Delete	Strait, Suzanne	Biology	Doctoral	8/28/2012	8/28/2017
Edit	Allen, Tina	C&I	Doctoral	1/14/2019	
Edit	Anderson, Dennis	Leadership Studies	Doctoral	1/13/2020	
Edit	Begley, Richard	Engineering	Graduate	1/14/2019	
Edit	Brewster, Hilary	English	Graduate	8/20/2018	12/8/2023
Edit	Burdette, Stephanie	Reading	Associate	1/9/2017	5/8/2020
Edit	Childress, Ron	Elem/Sec Ed.	Doctoral	8/26/2019	
Edit	Johnson, Tammy	Leadership Studies	Associate	8/26/2019	12/9/2022
Edit	Lamendella, Regina	Biomedical Sciences	Associate	1/14/2019	5/6/2022
Edit	Laubach, Martin	Sociology/Anthropology	Graduate	8/20/2018	12/8/2023
Edit	O'Byrne, Barbara	Literacy Education	Graduate	1/14/2019	5/6/2022
Edit	Reed, Melisa	COEPD	Associate	1/14/2019	5/6/2022

| Edit | Rubenstein, Robert | COEPD | Counseling | Graduate | 8/26/2019 |

Academic Planning Committee Requests
March 22, 2019

Lewis College of Business
Department: Management and Health Care Administration
Degree Program: MS HRM
Type of Change Request: Course Deletion
Starting Date: Fall 2019
Rationale:
Drop MKT 511 since no longer required for MGT 672

College of Education and Professional Development
Department: Literacy Education Program
Degree Program: MA Literacy Education, Certification in Literacy Education
Type of Change Request: Non-curricular Catalog Changes
Term to Take Effect: Summer 2019
Rationale:
The purpose of the proposed changes to the language of Program Descriptions and Admission
Requirements for programs in Literacy Education is to clarify the nature and scope of each
program and make more consistent the conditions for admission to these programs. The West
Virginia Department of Education no longer requires a PRAXIS test for the reading
endorsement.

Department: Curriculum and Instruction
Name of Certificate: School Library Media
Type of Change Request: Course Change
Term to Take Effect: Summer 2019
Rationale:
Needed to strengthen teacher candidate skills in collection development and collection curation
for children.

Department: Curriculum and Instruction
Degree Program: MA Education
Area of Emphasis: School Library Media
Type of Change Request: Course Change
Term to Take Effect: Summer 2019
Rationale:
Needed to strengthen teacher candidate skills in collection development and collection curation
for children.

College of Information Technology and Engineering
Division\Department: The Weisberg Division of Engineering / Mechanical Engineering
Type of Addition/Change Request: Accelerated Master's Degree Program Addition
Term to Take Effect: ?
Rationale: The AMD-ME pathway will help the Engineering Division in: Retention of our qualified
undergraduate students in our programs (instead of allowing them to leave Marshall University
and join our competitor's programs, such as WVU's), Enrichment of our current Master's

programs with talented and qualified students, who have strong academic background, and Boosting undergraduate student recruitment, as prospective students will see the chance to earn two degrees in approximately five years, and as a result, with join Marshall University.

College of Liberal Arts
Department: Political Science
Type of Change Request: Catalog Changes
Degree Program: Political Science
Effective Date: Fall 2019
Rationale:
We are submitting this request to change our catalog description for several reasons:
- Fixing Catalog Errors: Our program description was inadvertently changed in the 2018-2019 catalog, removing a number of our admission criteria. This happened without our knowledge or approval at the departmental level, and these changes were never approved by the Graduate Council. We think this was a clerical error when the MPA Program made some changes and it was accidentally reflected in our program description.
- Clerical Changes – Tammy Johnson recommended a few other changes to align our admissions description to better align with actual admission policies that are currently in place.
- Changing Admission Requirement: The only substantive change we are pursuing at this time is to eliminate GRE scores from our admission requirement.

    (NOTE: Because of all of these problems, we received permission from Dean Pittenger to begin using the new program description immediately in Spring 2019.)

School of Medicine
Department: Clinical and Translational Science
Area of Emphasis Title: Clinical Informatics
Credit Hours: 45
Type of Change Request: Addition of an Area of Emphasis
Starting Date: Fall 2019
Rationale:
Currently there are no areas of emphasis in the Clinical and Transitional Sciences MS Program. The field of clinical and transitional science has become more specialized since the program started, and we need to respond to student needs by adding new areas of emphasis. This area of emphasis will train students to work with electronic health records and medical databases to better understand the causes of disease and improve the quality of health care in the region.

Department: Clinical and Translational Science
Area of Emphasis – Clinical Research
Credit Hours: 45
Type of Change Request: Addition of an Area of Emphasis
Starting Date: Fall 2019
Rationale:
Currently there are no areas of emphasis in the Clinical and Transitional Sciences MS Program. The field of clinical and transitional science has become more specialized since the program

started, and we need to respond to student needs by adding new areas of emphasis. This area of emphasis will train students to be future physician-scientists with a strong background in epidemiology, biostatistics, and clinical trials, as well as improve their applications to schools of medicine and other health-related disciplines.

Department: Clinical and Translational Science
Area of Emphasis – Clinical Trials
Credit Hours: 43
Type of Change Request: Addition of an Area of Emphasis
Starting Date: Fall 2019
Rationale:
Currently there are no areas of emphasis in the Clinical and Transitional Sciences MS Program. The field of clinical and transitional science has become more specialized since the program started, and we need to respond to student needs by adding new areas of emphasis. This area of emphasis will train students to work with electronic health records and medical databases to lead clinical trials of new drugs and procedures.

Degree Program: Biomedical Research
Type of Addition/Change Request: Accelerated Master's Degree Program Addition
Term to Take Effect: ?
Rationale:
The BS/PhD program at Marshall University will be a collaborative endeavor between the College of Science (COS) and the Joan C. Edwards School of Medicine Biomedical Research Graduate Program (BMR). It is a competitive accelerated eight-year program with the goal of providing high quality undergraduate and PhD graduate education to develop a skilled basic science workforce to meet the research needs of West Virginia and Central Appalachia. There are four primary rationales for the program.
1. West Virginia has a talented pool of high school students, many of whom are recruited to schools outside of West Virginia because of a perceived lack of options within the West Virginia higher education system. The current success of the BS/MD program (another collaboration between the COS and the Medical School) has shown that with the appropriate marketing and incentives we can recruit these students to Marshall to enrich both our undergraduate and medical student population. Using this experience with the BS/MD program we believe that a similar approach will help increase the number of talented high school students that opt for an undergraduate and graduate career at Marshall.
2. Marshall is now developing strategies to increase its recruitment from other regions of the country. Developing a BS/PhD program could be an effective part of this recruitment policy and should help attract students that have an interest in the STEM (Science, Technology, Engineering, Mathematics) fields.
3. The COS currently has an outstanding pool of students that would be ideal candidates for PhD programs. Many of these students however are focused on a career in medicine. Many of these students pick medicine because they believe it is their only option. Starting the BS/PhD program will enable us to interact with these students earlier and help provide valuable biomedical research experience. For those students that decide that research is the appropriate path we will then be in prime position to recruit them into the BMR program, rather than lose them to other academic institutions.
4. The BMR program in conjunction with COS has recently been funded by the HEPC to provide innovative education opportunities in the STEM fields for students at Marshall. This BS/PhD is a

truly innovative approach that will enable us to provide an outstanding educational opportunity for these students. It will also strengthen the interaction between the BMR Program and the COS, and position us for future grant applications to fund graduate education.

Graduate College
Department: Graduate College
Degree Program: Graduate College
Type of Change Request: Additions to Graduate Catalog (Non-Curricular)
Starting Date: Fall 2019
Rationale:
 The policies for students with disabilities need to be updated in both the undergraduate and graduate catalog. The attached document has been approved through the Office of Disability Services and University Legal. It contains required information to be stated in the catalog.

Graduate Council
Curriculum Committee Agenda – March 22, 2019
https://www.marshall.edu/graduate-council/upcoming-proposals/

College of Business (COB)

Degree Change (1)

Department:	MPNA/Management
Change Type:	Course Requirements/Catalog
Degree:	DNAP (previously DMPNA)
Effective:	Summer 2019
Rationale:	The request for an increase in the anesthesia practice content hours is in response to a recent analysis of program success and effectiveness by the faculty within the nurse anesthesia program and as required by the accrediting agency (COA) for additional anesthesia content hours. The program plans to use these additional hours to offer more direct anesthesia practice content without the need to increase the total hours of the program. Fifteen hours will be taken from the research content of the program leaving it with six remaining hours in research methods and statistics. The fifteen hours will be added to existing principles courses (advanced and basic) applied nursing and simulation lab. This will allow students to have a more immersive experience with both real and practice-based clinical management. This offers the students a more practitioner based learning experience.

requirements in a timely manner,

BSC 716 Advanced Cellular Physiology for Nurse Anesthesia	2
BSC 717 Advanced Anatomy, Physiology and Pathophysiology for Nurse Anesthesia I	3
BSC 718 Advanced Anatomy, Physiology and Pathophysiology for Nurse Anesthesia II	3
BSC 719 Advanced Anatomy, Physiology and Pathophysiology for Nurse Anesthesia III	3
CHM 723 Chemistry, Physics, and Biochemistry for Nurse Anesthesia	2
MPNA 700 Introduction to Health Care Systems: Health Policy and Delivery	3
MPNA 710 Financial Management for Health Care Professionals	3
MPNA 711 Marketing and Management for Health Care Professionals	
MPNA 715 Health Care Economics	3
~~MPNA 724 Evidence-Based Research Methods for Nurse Anesthesia I~~	~~3~~
MPNA 725 Evidence-Based Research Methods for Nurse Anesthesia II	3
MPNA 726 Statistical Methods for Field and/or Clinical Research	3
MPNA 730 Medical/Legal Issues in Health Care	3
MPNA 734 Basic Principles of Nurse Anesthesia Practice	~~54~~
MPNA 734A Basic Principles: Stimulation Lab	1-5
MPNA 743 Applied Nurse Anesthesia Management, Leadership, Professional Aspects	~~66~~
MPNA 745A Advanced Principles: Pediatrics for Nurse Anesthetists I	~~43~~
MPNA 745B Advanced Principles: Obstetrics for Nurse Anesthetists II	~~43~~
MPNA 745C Advanced Principles: Clinical Case Management Seminar III	~~46~~
MPNA 753 Management of Complex Health Care Organizations	3
MPNA 755 Marketing Goods and Services in a Medical Environment	3
MPNA 756 Clinical and Administrative Information Systems	3
MPNA 772 Organizational Behavior in Health Care	3

+4 Cont. MPNA 777 Moral Management: Ethics in Nurse Anesthesia	3
MPNA 796 Administrative Policy, Strategy and Entrepreneurship	3
~~MPNA 797 Research Project~~	~~3~~
~~MPNA 798 Research Project~~	~~3~~
~~MPNA 799 Research Project~~	~~3~~
NUR 720 Advanced Pharmacology for Nurse Anesthesia I	4
NUR 721 Advanced Pharmacology for Nurse Anesthesia II	4
NUR 735 Clinical Practice Inquiry	3
NUR 741 Introduction to Health Care Clinical Practicum/Advanced Physical Assessment	6
NUR 741A Health Care Clinical Practicum/Mentoring	1
NUR 741A Health Care Clinical Practicum	1
NUR 741A Health Care Clinical Practicum	1
NUR 741A Health Care Clinical Practicum	1
NUR 741A Health Care Clinical Practicum	1
NUR 741A Health Care Clinical Practicum	1
NUR 741B Health Care Clinical Practicum	3
NUR 741C Health Care Clinical Practicum	6
NUR 741C Health Care Clinical Practicum	6
NUR 741C Health Care Clinical Practicum	6
NUR 741C Health Care Clinical Practicum	6
NUR 744 Regional Anesthesia	1

College of Health Professions (COHP)

Course Changes (15)

Change Type:	Alpha Designator (ESS to STHM)
Department:	School of Kinesiology, Sports Management Program
Rationale:	The Sports Management Program would like to have the alpha designators for the following courses changed from ESS to STHM. Currently, the Sports Management Program shares the same alpha designator (ESS) with other academic units within the School of Kinesiology. Sharing alpha designators has created many administrative and advising problems. In addition, the BOG reviewers also recommended changing the alpha designator during the 5-year program review. This request does NOT include any other changes to these courses. STHM stands for Sport, Tourism and Hospitality Management.

Old Title:	ESS 511 Ethics in Sport
New Title:	STHM 511 Ethics in Sport

Old Title:	ESS 516 Planning & Developing HPER & Athletic Facilities
New Title:	STHM 516 Planning & Developing HPER & Athletic Facilities

Old Title:	ESS 525 Sport and Film
New Title:	STHM 525 Sport and Film

Old Title:	ESS 530 Sport Law
New Title:	STHM 530 Sport Law

Old Title:	ESS 540 Women in Sport
New Title:	STHM 540 Women in Sport
New Catalog:	The history of women in sport, gender equity, opportunities for women in intercollegiate and professional sports (such as participant, coach, trainer, journalist, agent, and promoter), and physiological perspectives.

Old Title:	ESS 552 Sport Performance Analysis
New Title:	STHM 552 Sport Performance Analysis

Old Title:	ESS 575 Seminar in Sports Management and Marketing
New Title:	STHM 575 Seminar in Sports Management and Marketing

Old Title:	ESS 615 Legal Concern in PE and Athletics
New Title:	STHM 615 Legal Concern in PE and Athletics

Old Title:	ESS 624 Issues in Physical Education
New Title:	STHM 624 Issues in Physical Education

Old Title:	ESS 643 Sport in the Social Process
New Title:	STHM 643 Sport in the Social Process

Old Title: ESS 652 Organizational Behavior of Sport and Leisure Industry
New Title: STHM 652 Organizational Behavior of Sport and Leisure Industry

Old Title: ESS 671 Research Methods in Sport Studies
New Title: STHM 671 Research Methods in Sport Studies

Old Title: ESS 674 Sport Finance/Economics
New Title: STHM 674 Sport Finance/Economics

Old Title: ESS 675 Marketing Management of Sport Industry
New Title: STHM 675 Marketing Management of Sport Industry

Old Title: ESS 696 Seminar in Physical Education
New Title: STHM 696 Seminar in Physical Education

College of Information Technology and Engineering (CITE)

Course Additions (4)

Department:	Computer Science
Course:	CS 511 Advanced Programming
Catalog:	The course covers advanced topics in Python programming including the use of parallel computation and GPU acceleration and investigate[s] how to exploit frameworks such as Hadoop and Spark.
Prerequisites:	Graduate Status
First Term:	Fall 2019
Credit Hours:	3

Department:	Computer Science
Course:	CS 600 Advanced Web Technology
Catalog:	This course covers advanced web technologies to design, develop, and manage scalable, reliable and secure web applications using client side and server side programming, mobile technology, web and cloud services.
Prerequisites:	Graduate Status
First Term:	Fall 2019
Credit Hours:	3

Department:	Computer Science
Course:	CS 601 The Internet of Things
Catalog:	This course covers advanced topics of the Internet of Things Technologies (IoT) including wireless networking technologies, mobile networks, software and hardware design, and cybersecurity for IoT applications and systems.
Prerequisites:	Graduate Status
First Term:	Fall 2019
Credit Hours:	3

Department:	Computer Science
Course:	CS 602 Cloud Computing
Catalog:	Study of emerging and advanced topics in Cloud Computing including theory and application development in cloud and understand the ways of increasing quality of services for hosted applications.
Prerequisites:	Graduate Status
First Term:	Fall 2019
Credit Hours:	3

Course Changes (2)

Department:	Computer Science
Type Change:	Title, Catalog Description, and Content
Current Title:	CS 510 Database Systems
New Title:	CS 510 Advanced Database Systems
Old Catalog:	Study of relational data model and abstract query languages, SQL, logical and physical database design, transactions, database recovery, query optimization, XML databases, issues in managing Big Data, and NewSQL systems.
New Catalog:	This course introduces advanced topics in database systems including distributed systems, distributed databases, Big Data, cloud services, semantic web, web services, information security & privacy, and electronic commerce.
Rationale:	Technology changes rapidly and more advanced topics such as Big Data and security should be covered in graduate level database system study.

Department:	Computer Science
Type Change:	Credit Hours and Catalog
Current Title:	CS 698 Internship
Old Hours:	No Credit
New Hours:	1-3 hours
Old Catalog:	Supervised work experience in computer science or related fields. No credit counted for graduation.
New Catalog:	Supervised work experience in computer science or related fields. Internship course (1-3 credits) counted toward graduation.
Rationale:	International students can apply for working permit (CPT) using credited internship course only (new immigration law) and this change will allow international students to have an off-campus internship experience.

Degree Change (1)

Department:	Computer Science
Degree:	MS in Computer Science
Type of Change:	Admission and Plan of Study Changes
Rationale:	The Master of Science in Computer Science (MSCS) program proposes to change the admission criteria to enhance the enrollment and to provide state-of-the-art contents to MSCS curriculum with new or up-to-date courses to improve the quality of the program.
Admission Change:	Provide an option of being conditionally admitted to the MSCS program for applicants who are lacking in computer science background by taking three "bridge" courses.
Course Changes:	Provide new courses with "hot" topics and enhance the current courses by including more advanced topics.

College of Liberal Arts (COLA)

Course Additions (2)

Department:	Geography
Course:	GEO 524 Transportation Geography
Description:	A geographic analysis of transportation and its spatial organization. Concepts, models, and analytical methods related to traffic demand, network configuration, and allocation of transport facilities are covered.
Prerequisites:	None
First Term:	Fall 2019
Credit Hours:	3

Department:	Political Science
Course:	PSC 578 Politics and Video Games
Description:	An exploration of the power dynamics and politics at play in video games, the video game industry, and gaming culture.
Prerequisites:	None
First Term:	Spring 2020
Credit Hours:	3

Course Changes (6)

Department:	Political Science
Type of Change:	Title
Current Title:	PSC 505 International Organizations
New Title:	PSC 505 UN & Global Organizations
Rationale:	This change provides consistency across department course titles. It also clarifies course content for students, avoiding confusing catalog course titles. Additionally, this change captures more fully the content of the course and accounts for changes in the discipline since the course was created.
Catalog:	Study of world and regional organizations as reflections of world politics, as instruments of foreign policies, and as forces for change and order, with emphasis on their role as channels for management of cooperation and conflict.

Department:	Political Science
Type of Change:	Title
Current Title:	PSC 506 International Politics
New Title:	PSC 506 International Relations
Rationale:	This change provides consistency across department course titles. It also clarifies course content for students, avoiding confusing catalog course titles. Additionally, this change captures more fully the content of the course and accounts for changes in the discipline since the course was created.

Catalog:	Study of major issues in world politics, with emphasis on theoretical approaches, problems of war and peace, and contemporary trends.

Department:	Political Science
Type of Change:	Title Abbreviation
Current Title:	PSC 509 Western Democratic Politics (West Democratic Politic)
New Title:	PSC 509 Western Democratic Politics
Rationale:	This change provides consistency across department course titles. It also clarifies course content for students, avoiding confusing catalog course titles. Additionally, this change captures more fully the content of the course and accounts for changes in the discipline since the course was created.
Catalog:	Study of such nations as Canada and those of Western Europe, particularly Great Britain and France.

Department:	Political Science
Type of Change:	Title
Current Title:	PSC 525 Ancient and Medieval Political Thought
New Title:	PSC 525 Classical Political Thought
Rationale:	This change provides consistency across department course titles. It also clarifies course content for students, avoiding confusing catalog course titles. Additionally, this change captures more fully the content of the course and accounts for changes in the discipline since the course was created.
Catalog:	Selective study of classics of Western political theory from earliest times through the 15th century, such as that of Plato, Aristotle, Augustine, Aquinas and Machiavelli.

Department:	Political Science
Type of Change:	Title
Current Title:	PSC 528 Islamic Political Ideas and Institutions
New Title:	PSC 528 Islam and Politics
Rationale:	This change provides consistency across department course titles. It also clarifies course content for students, avoiding confusing catalog course titles. Additionally, this change captures more fully the content of the course and accounts for changes in the discipline since the course was created.
Catalog:	Study of Islamic political ideas, practices, and institutions and their impact on the rise and development of contemporary Islamic movements, organizations, and states.

Department:	Political Science
Type of Change:	Title
Current Title:	PSC 554 Administrative Organization and Behavior
New Title:	PSC 554 Politics of the Workplace
Rationale:	This change provides consistency across department course titles. It also clarifies course content for students, avoiding confusing catalog course

	titles. Additionally, this change captures more fully the content of the course and accounts for changes in the discipline since the course was created.
Catalog:	Survey of political personnel administration with particular attention to various facets of the merit system concept. Psychological and human relations aspects of the work situation and supervisor/subordinate interaction emphasized.

School of Medicine (SOM)

Course Addition (1)

Department: Biomedical Research
Course: BRM 676 CBR Journal Club
Description: Mentored journal club preparation with monthly presentation in cellular
                  and molecular biology research.
Prerequisites: None
First Term: Fall 2019
Credit Hours: 1