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The Minutes of the Marshall University Graduate Council Meeting, November 18, 2022

Marshall University Graduate Council

Graduate Council

MEMORANDUM

To: Mr. Brad D. Smith, President

From: Dr. D. Scott Davis, Graduate Council, Chair *Scott Davis*

Date: November 28, 2022

Subject: **Review of Graduate Council Minutes: November 18, 2022**

Attached are the minutes of the recent Graduate Council meeting for your review. Approval of these minutes will also serve as approval of graduate faculty status, etc. The meeting was held in a hybrid format on the South Charleston Campus (Thomas Boardroom) and via TEAMS.

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

Minutes approved.

Mr. Brad D. Smith
President, Marshall University

12-6-22
Date

Note to Cora Pyles, Executive Assistant to the President:
Please return the signed original to Dr. Scott Davis davis1090@marshall.edu with .pdf copies e-mailed to:

Dr. Conrae Lucas-Adkins, Secretary, Graduate Council, lucas26@marshall.edu
Dr. Avinandan Mukerhjee Provost, mukherjeea@marshall.edu
Dr. Carl Mummert, Interim Assistant Provost, mummert@marshall.edu
Dr. Karen McComas, Interim Associate Vice Provost, mcomas@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. Mary Beth Reynolds, Associate VP Assessment reynoldm@marshall.edu

MU Graduate Council Meeting Minutes
November 18, 2022

Hybrid Meeting (Thomas Boardroom South Charleston Campus + Teams)

Members Present: Axel, Beard, Christofero, Davis, Egleton, Heaton, Larison, Lucas-Adkins, Meadows, Rorabaugh Schulenberg, Simonton, Thompson, Vance, Vauth, Wait

Members Absent:

Ex-Officio Members Present: Maher, Mummert

Ex-Officio Members Absent: Mukherjee

Guests: B. Morgan, O'Byrne, McFall, Nguyen, Spradlin, DeTardo, Powell, Sacken, Kolling, Howard, McComas, Eagle

Davis	Welcome, Oral Vote Instructions, Approve Agenda
Lucas-Adkins	Approval of October 21, 2022, Minutes **(Attachment 1)**
Davis	Guest - David Traube, Chief Marketing Officer
Davis/Beard	Graduate Faculty Status Candidates **GC-22-11-01-CrC** **(Attachment 2)**
Vauth	- Planning Committee Requests **GC-22-11-02 to 04-PC** **(Attachment 3)** **GC-22-11-05-PC Motion:** to Amend AMD (AGD) Eligibility Requirements Current - Accelerated master's degree policy
Wait	Curriculum Committee Requests **GC-22-11-06 to 09-CC** **(Attachment 4)**
Larison	Program Review Committee 2021-2022 Program Reports **(Attachment 5 link)** **GC-22-11-10-PRC** - COS - MS in Physics and Applied Science (Jon Saken) - COS – MS in Chemistry (Derrick Kolling) - COEPD – Social Services and Attendance (Eugenia Lambert) - COEPD – Curriculum and Instruction (Kimberly McFall) 2022-2023 Program Review Process **(Attachment 6 link)** Scoring Rubric
Beard	- Credentialling Committee Update **GC-22-11-11-CrC Motion:** Grant Temporary Graduate Faculty Status to selected Doctor of Business Administration faculty
Heaton	BOG AA-20 Work Group Update
Davis	Discussion Items 2024-2025 University Calendar discussion. 2023-2024 Graduate Council Meeting Calendar discussion - Cross-Level Linked Course Policy update - Unique requests – process - Title IX Issue
Mummert	Graduate Studies Report
Schulenberg	Faculty Senate Update (meeting went over so he did not get to give report)
Davis	Wrap Up

All meetings will be hybrid alternating between Huntington and So. Charleston with a virtual Teams option. Meetings will start at 1:00 PM and end by 3:00 PM):
- January 27, 2023 (Drinko 349)
- February 24, 2023 (So Charleston – Thomas Boardroom)
- March 31, 2023 (Drinko 349)
- April 21, 2023 (So. 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.

Attachments:
1. Minutes from October 21, 2022
2. Graduate Faculty Status Candidates
3. Planning Committee Requests
4. Curriculum Committee Requests
5. 2021-2022 Program Review Follow-up Reports link
6. Program Review Scoring Rubric link

Meeting Called to Order at 1:00 PM

WELCOME, INTRODUCTIONS, ANNOUNCEMENTS
- Scott D. welcomed all and explained corrections that needed to be made to today's agenda: two (2) items were numbered inappropriately.

MOTION TO APPROVE AGENDA with corrections to numbering as discussed by Chair and the spelling of a presenter's name as pointed out by GC member.
APPROVED

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

GUEST PRESENTATION- DAVID TRAUBE

David Traube, Chief Marketing Officer, shared his plans to continue "working to learn MU and to help graduate enrollment grow." GC Members shared the following issues/concerns/suggestions:

- Scott Davis- discussed decrease in grad enrollment; historically, MU has focused on 1st year undergrads
- Advertising for SC campus suggested by Tracy Christofero.
- Boyd R. suggested bringing more attention to grad programs from the university at large
- Lisa H. suggested national advertising since many programs are online

- Richard E. suggested increase in professional ed opportunities (post-graduate education, but not necessarily a degree)- David has discussed this with President Smith and sees this as an untapped area- building development of workforce. Richard asked about short-term solutions for shrinking enrollment: David is looking at how we are communicating with students, building relationships and "closing the deal with customers who already are doing business with us,"
- Isaac L.- discussed 3 conferences that will be held on MU campus in spring 23 that could be venues for recruitment. David says he hasn't seen anything on advertising for MU's SC campus so he sees that as untapped area for marketing.
- Richard E. - suggests more frequent communications about events taking place on campus, such as Research Day
- David is still working out how to reshape advertising & marketing at graduate level
- Amanda M- misses diversity on MU campus that she saw on UC campus where she previously worked. She asked about what can be done to push international enrollment. David discussed UC's athletics as a primary reason for international population. David thinks that communicating the relational side of MU will help international recruitment.

GRADUATE FACULTY STATUS
(See Attachment 2)
GC-22-11-01-CrC   **APPROVED**

PLANNING COMMITTEE
(See Attachment 3)
Henning Vauth presented the committee report.

1) **GC-22-11-02-PC**
   College of Health Professions,
   Program: Athletic Training
   Degree: **Professional Master of Science in Athletic Training**
   Type: Non-curricular change
   Effective Fall 2022
   Summary: Program usually starts in the summer. Allow students admitted for Summer to delay until Fall.
   Rationale: Possible delay of undergraduate degree conferrals
   The committee recommends approval.

   GC Members Approved

2) **GC-22-11-03-PC**
   College of Education and Professional Development
   Program: Literacy Education Program
   Certificate: **Literacy Education Certificate**
   Type: Change of a Certificate **OR** Non-curricular change (both forms submitted)
   Effective Spring 2023

Summary: Elimination of CIRG 622 (3 credits) *The Use of Technology for Literacy Education* from the requirements, resulting in a credit hour reduction from 18 to 15 for the certificate. Rationale: Course content has become obsolete and is covered in other courses *The committee recommends approval.*

Carl M. discussed reduction in hours making this certificate non-aid eligible. Barbara O'Byrne. said this would not create a problem. Typically, the certificate is offered through a 3rd party contract and counties paid for it. Another issue is that some certificate students are dually enrolled in MA program thus taking more courses so are already eligible for aid.

GC Members Approved

3) **GC-22-11-04-PC**
College of Education and Professional Development
Program: Literacy Education
Degree: **M.A. in Literacy Education**
Type: Change of a Degree **OR** Non-curricular change (both forms submitted)
Effective Spring 2023
Summary: Elimination of CIRG 622 (3 credits) and one of the two elective courses (3 credits) from the requirements, resulting in a credit hour reduction from 36 to 30 for the degree. Rationale: Course content of CIRG 622 has become obsolete and is covered in other courses. Program is more competitive with 30 instead of 36 credits.
The committee recommends approval.

GC Members Approved

4) **GC-22-11-05-PC Motion:** to Amend AMD (AGD) Eligibility Requirements

- To change the Eligibility Requirements in current Accelerated Master's Degree (AMD) policy as follows: To reduce the minimum number of completed credit hours from 90 to 60.
- GC Members **approved motion**

CURRICULUM COMMITTEE
(See Attachment 4)
Isaac Wait presented the committee report

GC-22-11-06-CC-COEPD – College of Education and Professional Development – 1 request

Course Deletion (1)

Department:	Literacy Education Program
# / Title:	CIRG 622 / The Use of Technology for Literacy Instruction

Rationale for deletion: Course is no longer required for the Literacy Education Certificate or the MA in Literacy Education. Advancements in the use of technology and the availability of technology in K-12 classroom settings have made this course obsolete. The course content regarding the use of online programs like Weebly and WebQuest and the Literacy Education Program assessment connected with this course have bene absorbed into other classes in the Certificate and MA programs.

Final Term Offered: Fall 2022

Courses added (if any): None

Isaac L. explained rationale for deletion; GC Approved

GC-22-11-07-CC-COS – **College of Science** – 4 requests

Course Addition (2)

Department:	Forensic Sciences
# / Title:	CFS 640 / Advanced Cyber Forensics
Catalog Description:	An advanced study of cyber forensics focusing on artifacts from a variety of evidentiary sources and environments. Topics include Windows and Apple computer systems, as well as mobile and network devices.
Prerequisites:	None
First Term Offered:	Spring 2023
Credit Hours:	3

Department:	Geology
# / Title:	GLY 520 / Geochemistry
Catalog Description:	Application of chemical principles to geology: cosmochemistry; mineral chemistry; thermodynamics; aqueous solutions; weathering; clay minerals and adsorption; kinetics; radiometric age dating; stable isotope geology; and environmental geology.
Prerequisites:	None
First Term Offered:	Spring 2025
Credit Hours:	3

Course Change (1)

Department:	Criminal Justice & Criminology
Current # / Title:	CJ 621 / Advanced Criminal Law and Procedure
New # / Title:	CJ 621 / Contemporary Law & Society
Catalog desc (current):	A review of contemporary legislation and court decisions relating to criminal law and procedure.
Catalog desc (new):	A review of contemporary legislation and court decisions relating to its impact on the justice system, justice officials, and members of society.

Rationale: Updated course title includes a more expansive modern-day view of
                      how court decisions may differently impact members of society and
                      officials in the justice system. Updated description is broader,
                      encompassing how laws impact not only the justice system but also
                      members of society.

Course Deletion (1)

    Department: Geology
    Course # / Title: GLY 525 / Geochemistry
    Rationale: Course is being replaced with GLY 520.
    Final Term Offered: Fall 2022

Committee recommends approval for all; There was no discussion; GC approved all COS
requests

GC-22-11-08-CC-COLA – College of Liberal Arts – 1 request

Course Addition (1)

    Department: Psychology
    # / Title: PSY 505 / Sport Psychology
    Catalog Description: An examination of theory, research, and application of psychological
                           principles related to sport and exercise.
    Prerequisites: None
    First Term Offered: Spring 2023
    Credit Hours: 3

Committee recommends approval; There was no discussion; GC approved COLA request

GC-22-11-09-CC-SOP – School of Pharmacy – 5 requests

Course Addition (3)

    Department: Pharmacy Practice, Administration & Research
    # / Title: PHAR 506 / Pharmacy Continuing Professional Development VI
    Catalog Description: Sixth and final semester of the professional development series where
                           students will be introduced to additional professionalism topics,
                           evaluation of clinical s kills through the OSCEs.
    Prerequisites: None
    First Term Offered: Spring 2024
    Credit Hours: 0
    Department: Pharmacy Practice, Administration & Research
    # / Title: PHAR 730 / Derm/Ophthalmic/Musculoskeletal Disorders
    Catalog Description: Students will learn treatment/prevention of ophthalmic, otic,
                           dermatologic, and musculoskeletal diseases including the physiology,

pathophysiology, pharmacology and therapy. This course emphasizes the pharmacist as a healthcare provider.

Prerequisites:	None
First Term Offered:	Spring 2024
Credit Hours:	3

Department:	Pharmacy Practice, Administration & Research
# / Title:	PHAR 737 / Pharmacy Skills Lab 5
Catalog Description:	Covers foundational patient care skills. Students apply knowledge, demonstrate critical-thinking and problem-solving skills, practice technical and communication skills, and demonstrate professional behavior in the therapeutic decision making process.
Prerequisites:	PHAR 637
First Term Offered:	Fall 2023
Credit Hours:	3

Course Change (2)

Department:	Pharmaceutical Science
# / Title:	MSPS 542 / Science Seminars
Catalog desc (current):	This course will help graduate students in the pharmaceutical sciences learn the basics of scientific communication and how to critically evaluate scientific literatures. Students must complete four versions of this course for credit. For the first three course offering, the student will receive a "CR" (credit) or "NC" (no credit). Upon completion of the fourth version of the course the student will receive a letter grade.
Catalog desc (new):	The course will help graduate students in the pharmaceutical sciences learn the basics of scientific communication and how to critically evaluate scientific literature. This 1 credit hour course is repeatable for credit up to 4 times.
Credit Hours (current):	4 credit hours, awarded after completing 4 semesters of the course.
Credit Hours (new):	1 credit hour, awarded each semester that the course is completed.
Grading (current):	Credit/No Credit
Grading (new):	Grade
Rationale:	Students are currently awarded 4 credit hours after completing 4 semesters of this course (no credit is awarded until all 4 semesters are completed). The course change will award students 1 graded credit hour each time they complete 1 semester of the course.

Department:	Pharmaceutical Science
Current # / Title:	PHAR 652 / Therapeutics 3 Cardiology
New # / Title:	PHAR 652 / Therapeutics 2 Cardiology
Credit Hours (current):	4 credit hours
Credit Hours (new):	5 credit hours
Rationale:	Second course in therapeutics sequence. Course was developed by restructuring PHAR 671, with contact hours consistent with a 5 credit

course, which was original intent. However, a mistake when PHAR 652 was created listed this course as 4 credits. This change will fix that mistake.

Catalog Description: Students will learn about the therapeutic interventions for the treatment and prevention of cardiovascular and pulmonary diseases. Exploration of normal human physiology, disease pathophysiology, and the pharmacologic and chemical properties of medications will precede discussions of therapeutic use. This course will emphasize performance of the activities of the pharmacist as a health care provider.

Committee recommended approval; The following issues were discussed:

- Richard asked about the 0 hour course. Is that a typo? Boyd R. explained that it was a grad. requirement but it was in fact listed as 0 hours; Tracy C. said that CITE had to change previous 0 credit courses because in the past they were told there couldn't be classes listed with 0 credits. Lisa H. said there are 2 courses with 0 credits in COEPD; Carl M. said he would investigate.
  GC approved all requests from SOP.

PROGRAM REVIEW COMMITTEE UPDATES:
- Isaac Larison introduced presenters from each college

GC-22-11-10-PRC 2021-2022 Program Reports **(Attachment 5 link)**
  o COS - MS in Physics and Applied Science (Jon Saken); added new program, increased recruitment, so enrollment has increased but there is danger that the new program will not be sustained due to lack of GA; need help with advertising ; one problem is that students come for a year and then leave to complete a PhD program. Those students do not count in #s. Richard E. suggested creating a certificate program, so that 1 year attendees count. The program is already looking into this. Support for students is the biggest deterrent.
    Motion to approve report; All approved

  o COS – MS in Chemistry (Derrick Kolling) Have addressed enrollment and graduate satisfaction in submitted report. Have ideas for how to increase enrollment. Challenging to recruit students because of limited funds; new faculty that is coming in would like grad researchers and encouraged to apply for NSF funding; would like an endowed student program for grad student; grad student led tutoring sessions; Richard E. asked about use of student satisfaction questionnaires each semester and acknowledged that with a small # of students there would need to be protection of student disclosure. Richard shared the model at med. school- they have an outside person who collects questionnaires and then that info is conveyed to faculty and this method protects student confidentiality. Derrick wants students to feel heard & affirmed.
    Motion to approve report; All approved

- o COEPD – Social Services and Attendance (Eugenia Lambert) acknowledged this is a small program and only 1 person holds this job in each county; problem is that students do not have to fill out forms to indicate completion because they apply directly to Dept. of Ed. For certification. This program is beneficial to state. He suggested just clearing that up with reporting should be fine. Carl discussed ideas for how to grant certificates so they can be counted in numbers. Motion to approve report; All approved

- o COEPD – Curriculum and Instruction (Kimberly McFall) multiple areas of emphasis and certificates; more diligent with advising to help with numbers; restructuring ESL, eliminated program eval. certificate; continued support from third party contracts; asked for help in admissions process (eliminate additional form for certificate, because they actively advise into MA teaching; waive the 15-dollar fee for certificate if they are enrolled in MA in teaching.) Onboarding 2 new faculty; Carl asked for an email from Kim with details of what she is requesting for admission so he could share with admissions office. Motion to approve report; All approved

- 2022-2023 Program Review Process (**Attachment 6 link**) Scoring Rubric Fillable document no longer a dynamic form, Isaac L. walked council through the updates; Scott worked with Mary Beth on these updates

  Tracy C. suggested a link to GC bylaws be added (in place of the box with 3 bullets), so forms will always be consistent with bylaw updates; Scott agreed and will make change; Tracy also confirmed that boxes are expandable; Isaac L. will send program assignments out soon

CREDENTIALING COMMITTEE
Keith Beard presented motion
GC-22-11-11-CrC Motion from committee:
The Credentialing Committee recommends that faculty (names provided to the Graduate Council Chair) in the Doctor of Business Administration program be granted doctoral graduate faculty status for the spring semester.

  GC Members discussed the following:

- Richard E. advised that there be at least 1 person be on dissertation committee that has been on a thesis or dissertation committee before.
- Lisa H. clarified what current policy says and says that GC can make exception
- Lisa H. & Tracy C. asked if other criteria for grad faculty status will be met by those individuals

Scott D. suggested modifying motion to include the following: that at least one person or a 4th person be on a committee that has current graduate faculty status experience with theses or dissertation grad. committees to protect the process.

GC approved motion with modifications as provided by Scott.

BOG AA-20 WORK GROUP UPDATE
Lisa Heaton provided updates:

- Draft was given to attorney, Jendonnae Houdyschell. She reviewed and met with work group to discuss. Plan is to have another draft ready for GC in January.

GRADUATE COUNCIL CHAIR DISCUSSION ITEMS:
- 2024-2025 University Calendar discussion; Scott provided calendar suggestions from BAPC with 15 weeks for the semester; students have shared that they want 15 week plus final week and 5 mental health days; GC discussed cons of having Fridays or Mondays off for classes that meet on those days, Richard E. suggested block of time in middle of week
- 2023-2024 Graduate Council Meeting Calendar discussion; discussed having a Dec. GC meeting; Carl discussed concerns about the 2-month delay between Nov and Jan meetings; several GC members voiced opposition to the Dec. meeting.
- Cross-Level Linked Course Policy update: no progress to report
- Unique requests – process: Scott has sought guidance from former chairs Tracy C. & Lori H. about what needs to be decided alone by the chair and what needs to be discussed with various committees
- Title IX Issue: Scott reached out to GC Executive Committee this week and no one wanted to rush a statement in response to the USA Today article. Scott gave the floor to Shawn S. to discuss issue from Faculty Senate Chair position: Ad Hoc Committee is meeting today at 3pm. Shawn is working to craft a statement. Perhaps the statement could be jointly supported by FS and GC. Richard E. asked why response to article was reactive as opposed to proactive, given that there was prior knowledge of the article. Lori H. says to think of President Smith's statement as an opening statement- Lori says we need to be on the side of students. Many peer institutions have a lawyer as their Title IX officer who reports directly to president. Lori H. expresses concern that recruitment will be affected by the article. Scott will share draft from FS with GC members before approving.

GRADUATE STUDIES UPDATES
Carl Mummert, Acting Dean of Graduate Studies, shared the following report:

- **Grad Studies Q&A virtual discussion sessions** – two have been held this fall. Scott Davis and I were able to attend. The meetings had helpful questions and feedback from

grad faculty. Recordings are available on request. We plan to continue these on an occasional basis in the spring.

- **Spring professional development programming** will be created. Two key focus areas are admissions from the program viewpoint (including international admissions) and graduate advising.
- **Summer terms and graduation.** To satisfy regulatory reporting requirements, adjustments are needed to the way that the summer semesters are broken into terms. There is a pending proposal at Faculty Senate to remove the July graduation date; the four summer semesters would just become one term. There would be no change in the calendar dates for the summer classes themselves. Feedback can be sent to the Grad Council Chair and to your Senate representatives.
- **ETD topics**
  - **ETD counts:** We have 9 doctoral dissertations, and 7 master's theses submitted this fall. This calendar year, we have 31 doctoral dissertations and 19 master's theses.
  - The **ETD Guidelines** have been updated by Gena Chattin and posted on the Grad Studies website. There is also a checklist for students and reviewers to clarify the review process. The next step will be to update the "template".
  - The ETD training has been required this fall. 48 students have completed the acknowledgement form at present.
- **Advising/admissions topics**
  - I will be working with Chris Atkins to ensure EAB Navigate advising software (available via MyMU) is fully implemented and available for graduate advisors who would like to use it. This software is used heavily for our undergraduate advising.
  - We are working to clarify the precise moment when new students' Marshall email will be active and when they will have access to Blackboard.
  - Grad Studies and Finance are in the early stages of examining the online delivery fee to see if we can reduce the challenges that it can cause for students. We are also looking at the tuition structures (for revision in Fall 2023) to see if we can reduce the challenges for students who have to choose between E-campus or Face-to-face campus status. The motivation would be to preserve the attractiveness of a distance tuition rate while reducing some of the challenges the current system can cause.
  - **Application fees** – we have compared MU's international application fee against similar institutions, and our international application fee of $150 is significantly higher than theirs (median $60). The main reason for our higher fee is that we provide credential evaluation services in-house and set the fee to include some of this cost. We are working with Finance to develop a proposal for the BOG to reduce this fee. We are also hoping to develop a proposal for targeted fee waivers for domestic graduate applicants.

Meeting adjourned at 3PM. Full report from Carl Mummert (Graduate Studies) and Shawn Schulenberg (Faculty Senate) was not provided due to time.

Attachment 1
MU Graduate Council Meeting Minutes
October 21, 2022

Hybrid Meeting (Drinko 349 + Teams)

Members Present: Axel, Beard, Christofero, Davis, Egleton, Heaton, Larison, Lucas-Adkins, Meadows, Schulenberg, Simonton, Thompson, Vance, Vauth, Wait
Members Absent: Rorabaugh
Ex-Officio Members Present: Mummert
Ex-Officio Members Absent: Maher, Mukherjee
Guests: Armstead, Lassiter, B. Morgan

Agenda

Davis	Welcome, Hybrid Meeting Process, New Numbering System, Approve Agenda
Lucas-Adkins	Approval of September 2022 Minutes **(Attachment 1)**
Davis/Beard	Graduate Faculty Status Candidates **(Attachment 2)**
Vauth	Planning Committee Requests **(Attachment 3)**
Wait	Curriculum Requests **(Attachment 4)**
Larison	Program Review Committee Update
Beard	Credentialling Committee Update
Heaton	BOG AA-20 Work Group Update
Davis	Discussion Items - Redbook Changes - DRAFT – Cross-Level Linked Course Policy **(Attachment 5)** - David Traube Chief Marketing and Communications Officer – November meeting - Strategic Enrollment Management (Graduate/Professional Segment)
Mummert	Graduate Studies
Schulenberg	Faculty Senate Update
Davis	Wrap Up

Please reserve these meeting dates. All meetings will be hybrid alternating between Huntington and So. Charleston with a virtual Teams option. Meetings will start at 1:00 PM and end by 3:00 PM):
- November 18, 2022 (So Charleston - Thomas Boardroom)
- January 27, 2023 (Drinko 349)
- February 24, 2023 (So Charleston – Thomas Boardroom)
- March 31, 2023 (Drinko 349)
- April 21, 2023 (So. 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.

Attachments:
1. Minutes from August 26, 2022
2. Graduate Faculty Status Candidates
3. Planning Committee Requests
4. Curriculum Committee Requests
5. Draft - Cross-Level Linked Course Policy

Meeting Called to Order at 1:01 PM

WELCOME, INTRODUCTIONS, ANNOUNCEMENTS
- Scott D. welcomed all and explained logistics of the hybrid meeting. Individuals who are in-person need to state their names before speaking, so Teams' participants will know who is talking. Isaac W. will assist in monitoring Teams.
- New numbering system for GC motions and committees' actions will be implemented this meeting.
- Credentialing Committee added a motion and Planning Committee modified a motion that were on the original agenda sent to members. GC members voted to accepted these changes to today's agenda (see motions and actions taken under Credentialing and Planning sections in the minutes)

MOTION TO APPROVE AGENDA with adjustments from Credentialing and Planning
Committees   **APPROVED**

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

GRADUATE FACULTY STATUS
(See Attachment 2)
GC-22-10-01-CrC   **APPROVED**

PLANNING COMMITTEE
(See Attachment 3)
Henning Vauth presented the committee report.

College of Liberal Arts
GC-22-10-02-PC-COLA   **APPROVED**
1) Request for Addition, Change, or Deletion of a Certificate
Department: Geography
Certificate: **Geospatial Information Science - Advanced**
Type of change: Deletion
Effective Date: Spring 2023

Rationale: "The certificate was never pursued by many students, since it required prior competition of the GIScience – Basic Certificate. Both certificates together were nearly a master's degree (34 – 36 credits), so most students went that direction instead of the certificate

route (24 credits). The last certificate was earned in 2019. With new federal financial aid requirements, we are updating our GIScience – Basic certificate to include more credit hours (16), making this Advanced certificate even less attractive. No students are currently enrolled in this certificate program."

Committee Recommendation: Approval
 No discussion; all approved

GC-22-10-03-PC-COLA   APPROVED

2) Request for Addition, Change, or Deletion of a Certificate
Department: Geography
Certificate: **Geospatial Information Science - Basic**
Type of change: Elimination of "Basic" in title, minor updated wording changes, reference to that the certificate may be entirely earned online, update of elective course selection, and most importantly, adding a four-credit remote sensing course to the requirements, in order to bring the number of required credits up to 16.
Effective Date: Spring 2023

Rationale: "Federal regulations now require certificate to be a minimum of 16 credits to be eligible for financial aid."

Committee Recommendation: Approval
No discussion; all approved

GC-22-10-04-PC-COLA   APPROVED

3) Request for Addition, Change, or Deletion of a Certificate
Department: Graduate Humanities
Certificate: **Appalachian Studies**
Type of change: The only change is changing the currently required 15 hours to 16, contingent on a course credit-hour change: HUMN 680 to include a 3-6 credit.
Effective Date: Spring 2023

Rationale: "To change the certificate competition hours from 15 to 16 hours so as to be eligible for financial aid."

Committee Recommendation: Approval
No discussion; Dr. Lassiter was present but didn't have anything to add; All approved

College of Science
GC-22-10-05-PC-COS   APPROVED
4) Request for Graduate Addition, Deletion, or Change of a Major or Degree
Department: Natural Resources and the Environment
Degree Program: **M.S. in Natural Resources and the Environment**
Type of Change: New Degree
Effective Date: Spring 2023

Rationale: "A graduate program is developed to support expanding research opportunities in the multidisciplinary area of natural resource management. The program will fill the increased demand for individuals capable of solving complex issues surrounding environmental protection and resource allocation and expand the research potential of the growing NRE department collectively and of each major individually."

Committee Recommendation: Committee changed their recommendation from tabling this decision, as listed on the agenda that was initially sent out, to recommending for approval (see Welcome section for request to change agenda)
No discussion; Dr. Armstead was present; All approved

CURRICULUM COMMITTEE
(See Attachment 4)
Isaac Wait presented the committee report
GC-22-10-06-CC-COS – **College of Science** – 11 requests   **APPROVED**

Course Addition (10)

Department:	Biological Sciences
# / Title:	BSC 551 / Molecular Medicine
Catalog Description:	This course focuses on molecular biology as applied to the causes, diagnosis, and treatment of select human and veterinary diseases. Therapies that are new and still in clinical trials will also be covered.
Prerequisites:	None
First Term Offered:	Spring 2023
Credit Hours:	3

Department:	Natural Resources & the Environment
# / Title:	NRE 500 / Soil Fertility / Plant Nutrition
Catalog Description:	This course will examine properties of soil fertility, its relationship to plant nutrition, and practices in nutrient management and fertilizer application.
Prerequisites:	None
First Term Offered:	Summer 1, 2023
Credit Hours:	4

Department:	Natural Resources & the Environment
# / Title:	NRE 502 / Sustainable Agriculture
Catalog Description:	This course will examine the principles of sustainable agriculture and its relationship with natural resources while identifying challenges to agricultural sustainability and frontiers in the field.
Prerequisites:	None
First Term Offered:	Fall 2023
Credit Hours:	3

Department: Natural Resources & the Environment
/ Title: NRE 525 / Water Policy and Regulations
Catalog Description: Examination of how aquatic resources are protected for
humans and species of concern by current regulatory framework.
Prerequisites: None
First Term Offered: Fall 2023
Credit Hours: 3

Department: Natural Resources & the Environment
/ Title: NRE 540 / Seminar I
Catalog Description: Introduction to graduate research and individual topics,
development of literature research skills, discussion of keystone
papers, support for literature portfolio and thesis prospectus.
Prerequisites: None
First Term Offered: Fall 2023
Credit Hours: 1

Department: Natural Resources & the Environment
/ Title: NRE 560 / Seminar II
Catalog Description: The course focus is discussion of fundamental and
cornerstone literature from the field of natural resources. Emphasis
will be given to research methods and individual student project
development.
Prerequisites: None
First Term Offered: Spring 2023
Credit Hours: 1

Department: Natural Resources & the Environment
/ Title: NRE 580 - 583 / Special Topics
Catalog Description: Special Topics (1-4 hrs.) Study of an advanced topic not
normally covered in other courses.
Prerequisites: Variable; specified as required.
First Term Offered: N/A
Credit Hours: 1-4

Department: Natural Resources & the Environment
/ Title: NRE 585 - 588 / Independent Study
Catalog Description: Independent study (1-4 hrs.)
Prerequisites: Permission
First Term Offered: Spring 2023
Credit Hours: 1-4

Department: Natural Resources & the Environment
/ Title: NRE 640/ Seminar III

Catalog Description: The course utilizes relevant literature from the natural sciences to investigate data analysis and presentation methods. Topics include statistical methods selection, graphical presentations, journal selection, and interpretation of data outcomes.

Prerequisites: None
First Term Offered: Fall 2023
Credit Hours: 1

Department: Natural Resources & the Environment
/ Title: NRE 660/ Seminar IV
Catalog Description: The course focuses on transition to professional opportunities beyond graduate school. Discussion will include scientific publication and public presentation in multiple venues and formats, expectations of various career options, and application of science in decision making.

Prerequisites: None
First Term Offered: Spring 2024
Credit Hours: 1

Course Change (1)

Department: Biological Sciences
/ Title (current):   BSC 640 - Cell Bio & Biotechnology
/ Title (new):   BSC 640 - Cellular/Molecular BioMedicine
Catalog Desc (current):   Broad coverage of applied cell biology, biotechnology with high current interest and utility to medical, agricultural, and commercial product development. Application of DNA technologies for biotech commercialization.
Catalog Desc (new):   This course uses an integrated lecture/journal club format to familiarize students with advanced techniques and multidisciplinary approaches in biomedical research. Intended for science and biomedical graduate students.
Credit Hours (current):   3
Credit Hours (new):   4
Rationale: This course has not been offered in some time, and is being adjusted to bring it up to date with a special emphasis on biomedicine.

Committee recommends tabling a request for course addition NRE 550 until November 2022 meeting; committee needs some additional documentation before recommending approval
Motion approved; Dr. Armstead present; No discussion

GC-22-10-07-CC-COLA – **College of Liberal Arts** – 1 request
APPROVED

Course Change (1)

Department:	Graduate Humanities
# / Title:	HUMN 680 / Independent Research Symposium
Credit Hours (current):	3 credit hours
Credit Hours (new):	3 – 6 credit hours
Rationale:	To increase hour options for Appalachian Studies Certificate, to make it eligible for financial aid.
Catalog Description:	Prerequisite: 24 credit hours, required courses, and comprehensive examination. A pro-seminar required of all Humanities degree students who are beginning the thesis or final projects. S-U grade.

Committee recommends approval; Dr. Lassiter present but no questions; No discussion; Motion approved

GC-22-10-08-CC-SOP – School of Pharmacy – 8 requests
APPROVED

Course Addition (4)

Department:	Pharmacy Practice, Research and Administration
# / Title:	PHAR 505 / Pharmacy Continuing Professional Development
Catalog Description:	Students will be introduced to additional professionalism topics, evaluation of clinical skills through the OSCEs, and take part in a seminar series throughout the first through third years.
Prerequisites:	None
First Term Offered:	Fall 2023
Credit Hours:	0

Department:	Pharmacy Practice, Research and Administration
# / Title:	PHAR 736 / Pharmacy Skills Lab 6
Catalog Description:	Covers foundational patient care skills. Students apply knowledge, demonstrate critical-thinking and problem-solving skills, practice technical and communication skills, and demonstrate professional behavior in the therapeutic decision making process.
Prerequisites:	PHAR 637
First Term Offered:	Spring 2024
Credit Hours:	3

Department:	Pharmacy Practice, Research and Administration
# / Title:	PHAR 738 / Pharmacy Education I
Catalog Description:	This course will prepare pharmacy students for a career in pharmacy education.
Prerequisites:	P2 or P3 Standing

First Term Offered: Fall 2023
Credit Hours: 3

Department: Pharmacy Practice, Research and Administration
/ Title: PHAR 739 / Pharmacy Education II
Catalog Description: This course will allow students who completed PHAR 738
                       to apply skills learned in a lab setting.
Prerequisites: PHAR 738
First Term Offered: Spring 2024
Credit Hours: 3

Course Change (4)

Department: Pharmacy Practice, Research and Administration
/ Title (current):   PHAR 661 / Therapeutics II
/ Title (new):   PHAR 761 / Infectious Disease
Rationale: Course number change is necessary due to recent curricular
                       restructuring, and revised name is more descriptive of the course
                       content.
Catalog Description: This course discusses clinical microbiology and principles of anti-
                       infective therapy as well as the pathophysiology, associated
                       pharmacology, and therapeutic approaches to infectious diseases.
                       Successful completion of PHAR 542 is a prerequisite.

Department: Pharmacy Practice, Research and Administration
/ Title (current):   PHAR 721 / Therapeutics 7
/ Title (new):   PHAR 723 / Special Populations
Rationale: Course number change is necessary due to recent curricular
                       restructuring, and revised name is more descriptive of the course
                       content.
Catalog Description: This course will emphasize the unique needs and differences in
                       therapeutic recommendations for patients at the extremes of ages,
                       diverse cultural backgrounds, and those with co-morbidities and
                       other health conditions.

Department: Pharmacy Practice, Research and Administration
/ Title (current):   PHAR 751 / Neuro & Psychiatric Disease
/ Title (new):   PHAR 752 / Neuro & Psychiatric Disease
Rationale: Course number change is necessary due to recent curricular
                       restructuring.
Catalog Description: Students will learn treatment and prevention of neurological and
                       psychiatric diseases including the physiology, pathophysiology,
                       pharmacology and therapy. This course emphasizes the pharmacist
                       as a health care provider.

Department: Pharmacy Practice, Research and Administration
/ Title (current):   PHAR 761 / HemeOnc Nutrition Hepa MS
/ Title (new):   PHAR 742 / HemeOnc Nutrition Hepa MS
Credit Hours (current):   6
Credit Hours (new):   4
Rationale: Course number change is necessary due to recent curricular
                         restructuring; 2 credit hours of content was removed and placed
                         into PHAR 643.
Catalog Description: Students will learn treatment/prevention of heme-onc, nutrition,
                         hepatic and musculoskeletal diseases including the
                         pathophysiology, pharmacology and therapy. This course
                         emphasizes the pharmacist as a health care provider.
Committee recommends approval; no discussion; all approved

PROGRAM REVIEW COMMITTEE UPDATES:

- Isaac Larison provided updates. Info sent out this past week to programs that need to provide updates based on last year's findings. Those programs have until Nov. 11th add/modify/resubmit. Programs will present their update to GC during the Nov. meeting.
- There are 11 programs to be reviewed for 22.23 year.

CREDENTIALING COMMITTEE
Keith Beard presented report. (See decision to modify agenda with the new motion as discussed in Welcome section of today's agenda)

GC-22-10-09-CrC   APPROVED
The credentialing committee would like to make the recommendation that a request from the College of Arts and Media for special permission to have an external thesis committee member (Mr. James Feist) who does not hold academic credentials but has unique and relevant musical expertise be approved to serve as a thesis committee member. The proposed committee would also include Dr. Vicki Stroeher and Prof. Steven Hall (both senior faculty).
Committee recommends approval; no discussion; all approved

BOG AA-20 WORK GROUP UPDATE
Lisa Heaton provided updates.
- Initially, there were 4 issues for the work group to address: 1) ethics 2) CITI Training up to date 3) statement related to procedures when grad faculty status may need removed and 4) any special allowances for new doctoral programs. Recently, 2 more items have been brought to Lisa's attention, so she is not sure if the group will have anything for GC to act on at Nov. meeting. Work group is scheduled to meet on Nov. 2nd

DISCUSSION ITEMS BY CHAIR
1) Redbook Changes- Scott D. has worked with Brian Morgan to get structural issues addressed, duplication of names has been fixed

2) DRAFT – Cross-Level Linked Course Policy **(Attachment 5)**

- Issue was initially brought to Carl M. from Registrar regarding cross listed 400/500; Executive GC Committee drafted the attached policy; Scott D. encouraged discussion during today's meeting and then asked members to share with their colleges for input.

- Scott explained that in the review of other policies from other institutions, the repeating words for distinguishing expectations in cross-listed courses were: differences in quantity and quality between undergrad and grad

- Henning V.- there are lots of cross-listings in music (ensemble specifically) and he wanted clarification on "quantifying" differences in playing; a problem is how do you word it on syllabus that "grad. students must play better"

- R. Egleton expressed support of Henning's concerns and said that GC needs to be cautious about making rules that could present challenges for depts. such as music

- Shawn S. suggested making an exceptions rule to policy so that music would not have to do this (other depts. may have same issue with performance-based courses)

- Isaac Larison suggested changing credit hours as a way to reflect differences between grad and undergrad credit

- Tracy C. asked about first sentence in the draft: specifically, "in same place." Her question is how will that wording affect courses that are hyflex or online, whereas students will not physically be in the same place.

- L. Thompson asked if "grandfathered" term could be changed due to racial tone of the term. She suggested term such as "legacied."

- Carl M. discussed ideas for how to quantify/qualify differences for performance-based classes

- Shawn S. brought up notion that an undergrad. group might also need to be involved in this policy. Scott D. shared that he saw from other institutions that both grad. and undergrad. bodies have reviewed policy. Perhaps policy originates with GC and then shared with undergrad.

- Carl clarified how 25% is computed

- R. Egleton voiced concern that restrictions may limit students from pursuing their interests. He asked, "is it more important for students to take right number or for dept. to monitor what they offer?"

- Scott D. said intent was not to be punitive but instead to emphasize- <u>Rigor</u> and <u>Practicality</u>

- Shawn S. suggested that it would be good to run data for those classes that are cross listed, so we could get an idea of what the effects may be; Carl M. said getting these data is possible

- L. Thompson asked for clarification as to why this cross-listing issue originated- Carl M. said 2 things are important:
a. A flag is raised when the registrar sees that depts. have 4 classes listed at same time/place. They want to know if there is a policy on this. Right now, there isn't a policy, so we need one.
b. Accreditation looks for this policy to see if there are differences between undergrad and grad.

- Isaac W. emphasized the need for rigor to be different between grad & undergrad
- Isaac L. said the cross listing should be rare, he shared examples of how undergrad & grad expectations in cross-listed course differs across those he is familiar with

3) David Traube Chief Marketing and Communications Officer will attend November GC meeting. Scott D. asked that members come to next meeting prepared to ask marketing questions.
4) Strategic Enrollment Management: Scott D. & Carl M. will represent graduate/professional segment in enrollment efforts

GRADUATE STUDIES UPDATES
Carl Mummert, Acting Dean of Graduate Studies, shared the following:
- The **online ETD training** has been rolled out to students and announced to graduate advisors. Beginning this semester, the training acknowledgment form will be required before each ETD is reviewed. We are working with the registrar to develop a report for programs see which students have completed the acknowledgment form.

- There will be an **online Graduate Studies Q & A** on Monday, October 31 at 3:30pm. This is an open time for conversation between graduate faculty and Graduate Studies. In addition to taking questions and suggestions from graduate faculty, this session will have an open discussion related to program-level admissions and advising. The Graduate Council chair and acting Graduate Dean will lead the session. A second session will be scheduled in November.

- The university **Strategic Enrollment Planning Committee** has identified two initial tasks related to graduate studies.

  o ***Creation of graduate-level orientation and retention programming***. We rolled out an online orientation for all graduate students this fall. We will continue to develop and distribute an online orientation to all new graduate students. We are also investigating possibilities for an additional in-person orientation for students who are interested.

      o ***Graduate advisor training.*** We are in the initial planning stages for this item, including identifying the expertise and resources we have on campus and the best practices for graduate advising in particular.

Scott Davis and Carl Mummert have been asked to spearhead the SEM work for the Graduate Student segment. This is one of 10 student segments identified in the plan (First-time freshmen, transfer students, nontraditional students, resident students, metro students, nonresident students, distance students, graduate students, veteran students, international students).

- **AA staffing.** Academic Affairs has a new Operations Coordinator, Kathy Brannock, who has replaced Ethan Tackett, and a second Operations Coordinator Kaleigh Decker who will be assisting with Online Learning, Graduate Studies, Graduate Council and other AA tasks. These are both classified staff positions.

- **Registration for Spring 2023.** Advance registration now opens at 7am each day instead of midnight. This change was recommended by the Assistant Deans due to student stress in not having the ability to contact advisors during registration. It should have minimal effect on graduate registration. The *Senior Permission to take Graduate Courses* form is now an electronic Dynamic Form housed with the Registrar's office. This form will be open when registration is open, allowing students to be immediately enrolled in the selected classes.

FACULTY SENATE UPDATES
Shawn Schulenberg, Faculty Senate Chair, shared the following:
By-law & Constitutional changes (one is to streamline meetings)
- Modernize ex officio positions in library
- Standing committees to meet virtually
Both of the bulleted points will be up for faculty e-vote

    Several new committees created:
Shared Governance Committee
Micro Credential Steering Committee (pilot programs in spring)
HyFlex committee formed by Academic Affairs

Ombudsmen Office will be searching for part-time person

Feb. 1st MU Day at Legislature

FINAL ANNOUNCEMENTS BY CHAIR:

Next meeting will be in South Charleston with Teams option
Meeting adjourned 2:09 PM

Attachment 2
Graduate Faculty Status Requests for October 2022
(GC-22-10-01-CrC)

Type	Faculty Member	E-mail	College/School	Department/Division	Graduate Faculty Level	Term Start	Term Expires
Add	Aftanas, Roaxanne	kirkwoor@marshall.edu	COLA	English	Associate	8/22/2022	12/6/2025
Add	Bingham, Ann	binghama@marshall.edu	CAM	Music	Graduate	8/22/2022	12/9/2027
Add	Foltz, Curtis	foltzc@marshall.edu	COS	Physics	Instructor	8/22/2022	12/7/2024
Add	Frazier, Hannah	hannah.frazier@marshall.edu	COHP	School of Physical Therapy	Associate	8/22/2022	12/6/2025
Add	Hassib, Rajia	hassib@marshall.edu	COLA	English	Instructor	8/22/2022	12/7/2024
Add	Lee, Alexander	leeal@marshall.edu	CAM	Music	Graduate	8/22/2022	12/9/2027
Add	Lupe, Lori	lupe@marshall.edu	COHP	School of Nursing	Doctoral	8/22/2022	12/9/2027
Add	Maxwell, Jamie	maxwellja@marshall.edu	COHP	Communication Disorders	Graduate	1/10/2022	4/29/2027
Add	Miller-Mace, Shannon	miller207@marshall.edu	COS	Math	Instructor	8/22/2022	12/7/2024
Add	Normandin, Daniel	normandin@marshall.edu	COLA	English	Associate	8/22/2022	12/6/2025
Add	Oxenrider, Kevin	kevin.j.oxenrider@wv.gov	COS	Biology	Associate	8/22/2022	12/6/2025
Add	Phillips, Ryan	phillipsr@marshall.edu	COS	Criminal Justice	Graduate	8/22/2022	12/9/2027
Add	Stroeher, Michael	stroeher@marshall.edu	CAM	Music	Associate	8/22/2022	12/6/2025
Add	Thurman, Deborah	thurmand@marshall.edu	COLA	English	Graduate	8/22/2022	12/9/2027
Delete	Nolan, Jesse	nolanj@marshall.edu	CAM	Music	Associate	8/20/2018	12/10/2021
Edit	Antonsen, Brian	antonsenb@marshall.edu	COS	Biological Sciences	Graduate	1/9/2023	5/5/2028
Edit	Bose, Sujoy	boses@marshall.edu	COHP	Physical Therapy	Doctoral	8/22/2022	12/9/2027
Edit	Chapa, Deborah	chapad@marshall.edu	CAM	Nursing	Doctoral	1/10/2022	4/29/2027
Edit	Chiu, Yi-Po	chiuy@marshall.edu	COHP	Physical Therapy	Doctoral	8/22/2022	12/9/2027
Edit	Davis, Scott	davis1090@marshall.edu	COHP	School of Physical Therapy	Doctoral	8/22/2022	12/9/2027
Edit	Dean, Shae	powers4@marshall.edu	COHP	Communication Disorders	Instructor	1/19/2021	5/5/2023
Edit	Dixon, Loukia	Dixon@marshall.edu	COHP	Communications Disorders	Associate	8/22/2022	12/6/2025
Edit	Konz, Suzanne	konz@marshall.edu	COHP	School of Kinesiology	Doctoral	1/14/2019	5/10/2024
Edit	Mason, Ashley	arnott2@marshall.edu	COHP	Physical Therapy	Doctoral	8/22/2022	12/9/2027
Edit	Profitt, Brad	profitt2@marshall.edu	COHP	Physical Therapy	Doctoral	8/22/2022	12/9/2027
Edit	Waldron, Jayme	waldron3@marshall.edu	COS	Biological Sciences	Graduate	1/9/2023	5/5/2028
Edit	Welch, Shane	welchsh@marshall.edu	COS	Biological Sciences	Graduate	1/9/2023	5/5/2028
Edit	Young, Stephen	young250@marshall.edu	COS	Criminal Justice and Crim	Graduate	8/22/2022	12/9/2027

Attachment 3
<mark>Planning Requests for October 2022</mark>

College of Liberal Arts
GC-22-10-02-PC-COLA
1) Request for Addition, Change, or Deletion of a Certificate
Department: Geography
Certificate: **Geospatial Information Science - Advanced**
Type of change: Deletion
Effective Date: Spring 2023

Rationale: "The certificate was never pursued by many students, since it required prior competition of the GIScience – Basic Certificate. Both certificates together were nearly a master's degree (34 – 36 credits), so most students went that direction instead of the certificate route (24 credits). The last certificate was earned in 2019. With new federal financial aid requirements, we are updating our GIScience – Basic certificate to include more credit hours (16), making this Advanced certificate even less attractive. No students are currently enrolled in this certificate program."

Committee Recommendation: Approval

GC-22-10-03-PC-COLA
2) Request for Addition, Change, or Deletion of a Certificate
Department: Geography
Certificate: **Geospatial Information Science - Basic**
Type of change: Elimination of "Basic" in title, minor updated wording changes, reference to that the certificate may be entirely earned online, update of elective course selection, and most importantly, adding a four-credit remote sensing course to the requirements, in order to bring the number of required credits up to 16.
Effective Date: Spring 2023

Rationale: "Federal regulations now require certificate to be a minimum of 16 credits to be eligible for financial aid."

Committee Recommendation: Approval

GC-22-10-04-PC-COLA
3) Request for Addition, Change, or Deletion of a Certificate
Department: Graduate Humanities
Certificate: **Appalachian Studies**
Type of change: The only change is changing the currently required 15 hours to 16, contingent on a course credit-hour change: HUMN 680 to include a 3-6 credit.
Effective Date: Spring 2023

Rationale: "To change the certificate competition hours from 15 to 16 hours so as to be eligible for financial aid."

Committee Recommendation: Approval

<u>College of Science</u>

4) Request for Graduate Addition, Deletion, or Change of a Major or Degree
Department: Natural Resources and the Environment
Degree Program: **M.S. in Natural Resources and the Environment**
Type of Change: New Degree
Effective Date: Spring 2023

Rationale: "A graduate program is developed to support expanding research opportunities in the multidisciplinary area of natural resource management. The program will fill the increased demand for individuals capable of solving complex issues surrounding environmental protection and resource allocation and expand the research potential of the growing NRE department collectively and of each major individually."

Committee Recommendation: Table for the November meeting

Attachment 4
Curriculum Requests for October 2022

GC-22-10-05-CC-COS – College of Science – 11 requests

Course Addition (10)

Department:	Biological Sciences
# / Title:	BSC 551 / Molecular Medicine
Catalog Description:	This course focuses on molecular biology as applied to the causes, diagnosis, and treatment of select human and veterinary diseases. Therapies that are new and still in clinical trials will also be covered.
Prerequisites:	None
First Term Offered:	Spring 2023
Credit Hours:	3
Department:	Natural Resources & the Environment
# / Title:	NRE 500 / Soil Fertility / Plant Nutrition
Catalog Description:	This course will examine properties of soil fertility, its relationship to plant nutrition, and practices in nutrient management and fertilizer application.
Prerequisites:	None
First Term Offered:	Summer 1, 2023
Credit Hours:	4
Department:	Natural Resources & the Environment
# / Title:	NRE 502 / Sustainable Agriculture
Catalog Description:	This course will examine the principles of sustainable agriculture and its relationship with natural resources while identifying challenges to agricultural sustainability and frontiers in the field.
Prerequisites:	None
First Term Offered:	Fall 2023
Credit Hours:	3
Department:	Natural Resources & the Environment
# / Title:	NRE 525 / Water Policy and Regulations
Catalog Description:	Examination of how aquatic resources are protected for humans and species of concern by current regulatory framework.
Prerequisites:	None
First Term Offered:	Fall 2023
Credit Hours:	3
Department:	Natural Resources & the Environment
# / Title:	NRE 540 / Seminar I

Catalog Description:	Introduction to graduate research and individual topics, development of literature research skills, discussion of keystone papers, support for literature portfolio and thesis prospectus.
Prerequisites:	None
First Term Offered:	Fall 2023
Credit Hours:	1

Department:	Natural Resources & the Environment
# / Title:	NRE 560 / Seminar II
Catalog Description:	The course focus is discussion of fundamental and cornerstone literature from the field of natural resources. Emphasis will be given to research methods and individual student project development.
Prerequisites:	None
First Term Offered:	Spring 2023
Credit Hours:	1

Department:	Natural Resources & the Environment
# / Title:	NRE 580 - 583 / Special Topics
Catalog Description:	Special Topics (1-4 hrs.) Study of an advanced topic not normally covered in other courses.
Prerequisites:	Variable; specified as required.
First Term Offered:	N/A
Credit Hours:	1-4

Department:	Natural Resources & the Environment
# / Title:	NRE 585 - 588 / Independent Study
Catalog Description:	Independent study (1-4 hrs.)
Prerequisites:	Permission
First Term Offered:	Spring 2023
Credit Hours:	1-4

Department:	Natural Resources & the Environment
# / Title:	NRE 640/ Seminar III
Catalog Description:	The course utilizes relevant literature from the natural sciences to investigate data analysis and presentation methods. Topics include statistical methods selection, graphical presentations, journal selection, and interpretation of data outcomes.
Prerequisites:	None
First Term Offered:	Fall 2023
Credit Hours:	1

Department:	Natural Resources & the Environment
# / Title:	NRE 660/ Seminar IV
Catalog Description:	The course focuses on transition to professional opportunities beyond graduate school. Discussion will include scientific publication and public presentation in multiple venues and formats, expectations of various career options, and application of science in decision making.

Prerequisites: None
First Term Offered: Spring 2024
Credit Hours: 1

Course Change (1)

Department:	Biological Sciences
# / Title (current):	BSC 640 - Cell Bio & Biotechnology
# / Title (new):	BSC 640 - Cellular/Molecular BioMedicine
Catalog Desc (current):	Broad coverage of applied cell biology, biotechnology with high current interest and utility to medical, agricultural, and commercial product development. Application of DNA technologies for biotech commercialization.
Catalog Desc (new):	This course uses an integrated lecture/journal club format to familiarize students with advanced techniques and multidisciplinary approaches in biomedical research. Intended for science and biomedical graduate students.
Credit Hours (current):	3
Credit Hours (new):	4
Rationale:	This course has not been offered in some time, and is being adjusted to bring it up to date with a special emphasis on biomedicine.

Recommend tabling request until November 2022 meeting: NRE 550 (Course Addition)

GC-22-10-06-CC-COLA – College of Liberal Arts – 1 request

Course Change (1)

Department:	Graduate Humanities
# / Title:	HUMN 680 / Independent Research Symposium
Credit Hours (current):	3 credit hours
Credit Hours (new):	3 – 6 credit hours
Rationale:	To increase hour options for Appalachian Studies Certificate, to make it eligible for financial aid.
Catalog Description:	Prerequisite: 24 credit hours, required courses, and comprehensive examination. A pro-seminar required of all Humanities degree students who are beginning the thesis or final projects. S-U grade.

GC-22-10-07-CC-SOP – School of Pharmacy – 8 requests

Course Addition (4)

Department:	Pharmacy Practice, Research and Administration
# / Title:	PHAR 505 / Pharmacy Continuing Professional Development
Catalog Description:	Students will be introduced to additional professionalism topics, evaluation of clinical skills through the OSCEs, and take part in a seminar series throughout the first through third years.
Prerequisites:	None
First Term Offered:	Fall 2023
Credit Hours:	0

Department:	Pharmacy Practice, Research and Administration
# / Title:	PHAR 736 / Pharmacy Skills Lab 6
Catalog Description:	Covers foundational patient care skills. Students apply knowledge, demonstrate critical-thinking and problem-solving skills, practice technical and communication skills, and demonstrate professional behavior in the therapeutic decision making process.
Prerequisites:	PHAR 637
First Term Offered:	Spring 2024
Credit Hours:	3

Department:	Pharmacy Practice, Research and Administration
# / Title:	PHAR 738 / Pharmacy Education I
Catalog Description:	This course will prepare pharmacy students for a career in pharmacy education.
Prerequisites:	P2 or P3 Standing
First Term Offered:	Fall 2023
Credit Hours:	3

Department:	Pharmacy Practice, Research and Administration
# / Title:	PHAR 739 / Pharmacy Education II
Catalog Description:	This course will allow students who completed PHAR 738 to apply skills learned in a lab setting.
Prerequisites:	PHAR 738
First Term Offered:	Spring 2024
Credit Hours:	3

Course Change (4)

Department:	Pharmacy Practice, Research and Administration
# / Title (current):	PHAR 661 / Therapeutics II
# / Title (new):	PHAR 761 / Infectious Disease
Rationale:	Course number change is necessary due to recent curricular restructuring, and revised name is more descriptive of the course content.
Catalog Description:	This course discusses clinical microbiology and principles of anti-infective therapy as well as the pathophysiology, associated pharmacology, and therapeutic approaches to infectious diseases. Successful completion of PHAR 542 is a prerequisite.

Department:	Pharmacy Practice, Research and Administration
# / Title (current):	PHAR 721 / Therapeutics 7
# / Title (new):	PHAR 723 / Special Populations
Rationale:	Course number change is necessary due to recent curricular restructuring, and revised name is more descriptive of the course content.
Catalog Description:	This course will emphasize the unique needs and differences in therapeutic recommendations for patients at the extremes of ages, diverse cultural backgrounds, and those with co-morbidities and other health conditions.

Department:	Pharmacy Practice, Research and Administration
# / Title (current):	PHAR 751 / Neuro & Psychiatric Disease
# / Title (new):	PHAR 752 / Neuro & Psychiatric Disease
Rationale:	Course number change is necessary due to recent curricular restructuring.
Catalog Description:	Students will learn treatment and prevention of neurological and psychiatric diseases including the physiology, pathophysiology, pharmacology and therapy. This course emphasizes the pharmacist as a health care provider.

Department:	Pharmacy Practice, Research and Administration
# / Title (current):	PHAR 761 / HemeOnc Nutrition Hepa MS
# / Title (new):	PHAR 742 / HemeOnc Nutrition Hepa MS
Credit Hours (current):	6
Credit Hours (new):	4
Rationale:	Course number change is necessary due to recent curricular restructuring; 2 credit hours of content was removed and placed into PHAR 643.
Catalog Description:	Students will learn treatment/prevention of heme-onc, nutrition, hepatic and musculoskeletal diseases including the pathophysiology, pharmacology and therapy. This course emphasizes the pharmacist as a health care provider.

<mark>Attachment 5</mark>
Review Only

Marshall University
Graduate Council

Policy on Cross-Level Linked Courses
DRAFT

The Graduate Council supports the limited use of Cross-Level Linked Courses (CLLC). Cross-Level Linked Courses refer to two courses, one undergraduate and one graduate, which are offered concurrently, in the same place, with the same instructor. Cross-Level Linked Courses supported by the Graduate Council include 400/500 and 400/600 courses. The Graduate Council does not recognize or support 300/600 level courses after the spring 2024 semester. The Graduate Council encourages the general practice of having separate and distinct undergraduate and graduate courses that are not linked in most circumstances but recognizes that CLLCs may be used on a limited basis if measures are in place that identify how the undergraduate and graduate courses differ. As such, the two courses must have a separate syllabus and address all the following:

1. The graduate course must result in a deeper understanding of the course material compared to the undergraduate course it is Cross-level Linked with.
2. The graduate course assignments must differ from those of the undergraduate course in quality/depth/rigor, and quantity. This could include a difference in reading assignments, course textbooks, projects, or assignment scope.
3. The graduate course should include greater opportunities for independent study.
4. The graduate course must have learning objectives that are written with a higher level of expectation (e.g., Bloom's Taxonomy). For instance, a greater focus on analysis, evaluation, and creation.
5. The assessment or evaluation of student performance (e.g., examination, written assignments, presentations, applied projects) should be different both qualitatively and quantitatively.
6. Course outcomes should reflect a clear distinction of academic preparation of the graduate students compared to the undergraduate students.
7. The graduate course must be commensurate in academic rigor with other graduate-level courses offered by the program or department.
8. Prerequisites should be appropriate for each course.

The existing CLLC will be "grandfathered" through spring 2024; however, a continuation of these CLLCs after that time will require Graduate Council approval. All requests for new Cross-Level Linked Courses will require submission of *GC#11 Cross-Level Linked Courses Addition* form and both syllabi, which clearly address the above requirements. The program must also provide a rationale for why Cross-Level Linked Courses are required and why distinct undergraduate and graduate courses are not practical. Requests for CLLCs will follow the normal approval process for course additions (i.e., approval by the Department Chairperson, Register, College Curriculum Committee, and the Graduate Council); however, the Graduate Council Chairperson and the Assistant Provost for Graduate Studies may collectively approve short-term (one academic year) emergency requests. New course requests must be submitted on the Graduate Council *GC#11 Cross-Level Linked Course Addition* request form. Departments are not permitted to offer more than 25% of their graduate courses as 400/600 Cross-Level Linked Courses.

Attachment 2
Graduate Faculty Status Requests for November 2022
(GC-22-11-01-CrC)

Type	Faculty Member	E-Mail	Col/Sch	Department	Level	Term Start	Term End
Add	Browning, Jordan	browning197@marshall.edu	SOP	Pharmacy Practice, Administration, and Research	Graduate	08/22/2022	12/09/2027
Add	Chen, Dan	chend@marshall.edu	COB	Management	Graduate	08/22/2022	12/09/2027
Add	Chowdhury, Sudipta	chowdhurys@marshall.edu	CECS	Mechanical and Industrial Engineering	Graduate	08/22/2022	12/09/2027
Add	Frost, Leslie	frost@marshall.edu	COS	Chemistry	Instructor	01/09/2023	04/28/2025
Add	Gage, Richard	gager@marshall.edu	COS	Natural Resources and the Environment	Graduate	01/09/2023	05/05/2028
Add	Hayden, Theresa	haydent@marshall.edu	COHP	Social Work	Graduate	08/22/2022	12/09/2027
Add	Hunt Young, Debra	young141@marshall.edu	COHP	Social Work	Graduate	08/22/2022	12/09/2027
Add	Kimble, Angel	a.kimble@marshall.edu	SOP	Pharmacy Practice, Administration, and Research	Graduate	08/22/2022	12/09/2027
Add	Leigh, Steven	leighs@marshall.edu	COHP	School of Kinesiology	Graduate	08/22/2022	12/09/2027
Add	Letton, Alan	letton@marshall.edu	COB	Management	Associate	08/22/2022	12/06/2025
Add	Looney, Robin	looney5@marshall.edu	COHP	Social Work	Instructor	08/22/2022	12/07/2024
Add	Lorenza, Mosley	lorenza@ldmosley.com	CECS	CSEE	Instructor	08/22/2022	12/07/2024
Add	Mills, Robert \"Shane\"	robert.mills.7@us.af.mil	CECS	CSEE	Instructor	08/22/2022	12/07/2024
Add	Nichols, Alysha	nichols108@marshall.edu	COHP	Social Work	Graduate	08/22/2022	12/09/2027
Add	Nosoudi, Nasim	nosoudi@marshall.edu	CECS	BME	Graduate	08/22/2022	12/09/2027
Add	Rymer, Paula	rymer13@marshall.edu	COHP	Social Work	Graduate	08/22/2022	12/09/2027
Add	Stobbe, Terrence	safedecisions@protonmail.com	CECS	Mechanical and Industrial Engineering	Associate	01/10/2022	04/29/2025
Add	Vauth, Henning	vauth@marshall.edu	CAM	Music	Graduate	08/22/2022	12/09/2027
Add	Wang, Jinju	wangjin@marshall.edu	SOM	Biomedical Sciences	Doctoral	08/22/2022	12/09/2027
Add	Wolfe, Jeffrey	wolfe9@marshall.edu	CAM	Music	Associate	08/22/2022	12/06/2025
Add	Yocke, Richard	Yocke1@marshall.edu	COEPD	ACE	Instructor	08/22/2022	12/07/2024
Delete	Akbar, Mohammad Ahsanul	akbarm@marshall.edu	SOP	Pharmaceutical Science and Research	Associate	08/26/2019	12/09/2022
Delete	Babcock, Charles	babcockc@marshall.edu	SOP	Pharmacy Practice, Administration, and Research	Graduate	08/24/2020	12/06/2025
Delete	Barnhart, Joseph	barnhartj@marshall.edu	SOP	Pharmacy Practice, Administration, and Research	Graduate	01/14/2019	01/14/2024
Delete	Booth, Christopher	boothch@marshall.edu	SOP	Pharmacy Practice, Administration, and Research	Graduate	01/13/2020	01/13/2025
Delete	Broedel-Zaugg, Kimberly	broedelzaugg@marshall.edu	SOP	Pharmacy Practice, Administration and Research	Doctoral	08/21/2017	12/09/2022

Delete	Canipe, Kenneth	canipek@marshall.edu	SOP	Experiential Learning	Doctoral	08/26/2019	12/07/2024
Delete	Clay, Tyler	clay114@marshall.edu	SOP	Pharmaceutical Science and Research	Graduate	01/14/2019	01/14/2024
Delete	Cruse, Elaine	crusee@marshall.edu	SOP	Dept. of Pharmacy Practice, Administration, and Research	Instructor	08/26/2019	12/10/2021
Delete	Gresham, Chelsea	gresham1@marshall.edu	SOP	Pharmacy Practice, Administration, and Research	Graduate	08/22/2016	12/10/2021
Delete	Honaker (Plummer), Sarah	honaker41@marshall.edu	SOP	Pharmacy Practice, Administration, and Research	Graduate	01/08/2018	05/05/2023
Delete	Journigan, Velvet	journigan@marshall.edu	SOP	Pharmaceutical Science and Research	Graduate	08/22/2016	12/10/2021
Edit	Brittain, Mckenzie	brittain@marshall.edu	COEPD	Curriculum and Instruction	Doctoral	08/22/2022	12/09/2027
Edit	Coustasse-Hencke, Alberto	coustassehen@marshall.edu	COB	MGT	Doctoral	08/22/2022	12/09/2027
Edit	Dasgupta , Piyali	dasgupta@marshall.edu	SOM	Biomedical Sciences	Doctoral	08/22/2022	12/09/2027
Edit	Debela, Nega	debela1@marshall.edu	COEPD	Elem/Sec Ed	Graduate	08/22/2022	12/09/2027
Edit	Denvir, James	denvir@marshall.edu	SOM	Biomedical Sciences	Doctoral	08/22/2022	12/09/2027
Edit	Hermon, David	hermon@marshall.edu	COEPD	Counseling	Graduate	08/22/2022	12/09/2027
Edit	Howard, Lori	howardl@marshall.edu	COEPD	Special Ed	Graduate	08/22/2022	12/09/2027
Edit	Isaacs, Thelma	isaacs9@marshall.edu	COEPD	CIF	Doctoral	08/22/2022	12/09/2027
Edit	Kim, Jung Han	kimj@marshall.edu	SOM	Biomedical Sciences	Doctoral	08/22/2022	12/09/2027
Edit	Lucas-Adkins, Conrae	lucas26@marshall.edu	COEPD	School Psychology	Graduate	08/22/2022	12/09/2027
Edit	Melvin, Tim	melvin7@marshall.edu	COEPD	ACE	Doctoral	08/22/2022	12/09/2027
Edit	Pierre, Sandrine	pierres@marshall.edu	SOM	Biomedical Sciences	Doctoral	08/22/2022	12/09/2027
Edit	Proudfot-Harman, Peggy	peggy.harman@marshall.edu	COHP	Social Work	Graduate	08/22/2022	12/09/2027
Edit	Risher, Mary-Louise	risherm@marshall.edu	SOM	Biomedical Sciences	Doctoral	08/22/2022	12/09/2027
Edit	Risher, William	risherw@marshall.edu	SOM	Biomedical Sciences	Doctoral	08/22/2022	12/09/2027
Edit	Stanton, Robert	rstanton@marshall.edu	COHP	Nursing	Doctoral	08/22/2022	12/09/2027
Edit	Tuckwiller, Brenda	tuckwiller3@marshall.edu	COEPD	ATE	Instructor	08/22/2022	12/07/2024
Edit	Watson, George	watson@marshall.edu	COEPD	CIF	Graduate	08/22/2022	12/09/2027
Edit	Yeager-Armstead, Mary	myeager@marshall.edu	COS	Biological and Environmental Sciences	Graduate	01/09/2023	04/28/2028
Edit	Zhang, Shaorong	zhangs@marshall.edu	COB	LCOB	Graduate	08/22/2022	12/09/2027

Attachment 3

Planning Committee Requests for November 2022

5) GC-22-11-02-PC

College of Health Professions,
Program: Athletic Training
Degree: **Professional Master of Science in Athletic Training**
Type: Non-curricular change
Effective Fall 2022
Summary: Program usually starts in the summer. Allow students admitted for Summer to delay until Fall.
Rationale: Possible delay of undergraduate degree conferrals
The committee recommends approval.

6) GC-22-11-03-PC

College of Education and Professional Development
Program: Literacy Education Program
Certificate: **Literacy Education Certificate**
Type: Change of a Certificate **OR** Non-curricular change (both forms submitted)
Effective Spring 2023
Summary: Elimination of CIRG 622 (3 credits) *The Use of Technology for Literacy Education* from the requirements, resulting in a credit hour reduction from 18 to 15 for the certificate.
Rationale: Course content has become obsolete and is covered in other courses
The committee recommends approval.

7) GC-22-11-04-PC

College of Education and Professional Development
Program: Literacy Education
Degree: **M.A. in Literacy Education**
Type: Change of a Degree **OR** Non-curricular change (both forms submitted)
Effective Spring 2023
Summary: Elimination of CIRG 622 (3 credits) and one of the two elective courses (3 credits) from the requirements, resulting in a credit hour reduction from 36 to 30 for the degree.
Rationale: Course content of CIRG 622 has become obsolete and is covered in other courses. Program is more competitive with 30 instead of 36 credits.
The committee recommends approval.

Attachment 4
Curriculum Requests for November 2022

GC-22-11-06-CC-COEPD – **College of Education and Professional Development** – 1 request

Course Deletion (1)

Department:	Literacy Education Program
# / Title:	CIRG 622 / The Use of Technology for Literacy Instruction
Rationale for deletion:	Course is no longer required for the Literacy Education Certificate or the MA in Literacy Education. Advancements in the use of technology and the availability of technology in K-12 classroom settings have made this course obsolete. The course content regarding the use of online programs like Weebly and WebQuest and the Literacy Education Program assessment connected with this course have bene absorbed into other classes in the Certificate and MA programs.
Final Term Offered:	Fall 2022
Courses added (if any):	None

GC-22-11-07-CC-COS – **College of Science** – 4 requests

Course Addition (2)

Department:	Forensic Sciences
# / Title:	CFS 640 / Advanced Cyber Forensics
Catalog Description:	An advanced study of cyber forensics focusing on artifacts from a variety of evidentiary sources and environments. Topics include Windows and Apple computer systems, as well as mobile and network devices.
Prerequisites:	None
First Term Offered:	Spring 2023
Credit Hours:	3

Department:	Geology
# / Title:	GLY 520 / Geochemistry
Catalog Description:	Application of chemical principles to geology: cosmochemistry; mineral chemistry; thermodynamics; aqueous solutions; weathering; clay minerals and adsorption; kinetics; radiometric age dating; stable isotope geology; and environmental geology.
Prerequisites:	None
First Term Offered:	Spring 2025

Credit Hours: 3

Course Change (1)

Department: Criminal Justice & Criminology
Current # / Title: CJ 621 / Advanced Criminal Law and Procedure
New # / Title: CJ 621 / Contemporary Law & Society
Catalog desc (current): A review of contemporary legislation and court decisions relating to criminal law and procedure.
Catalog desc (new):   A review of contemporary legislation and court decisions relating to its impact on the justice system, justice officials, and members of society.
Rationale: Updated course title includes a more expansive modern-day view of how court decisions may differently impact members of society and officials in the justice system. Updated description is broader, encompassing how laws impact not only the justice system but also members of society.

Course Deletion (1)

Department: Geology
Course # / Title: GLY 525 / Geochemistry
Rationale: Course is being replaced with GLY 520.
Final Term Offered: Fall 2022

GC-22-11-08-CC-COLA – College of Liberal Arts – 1 request

Course Addition (1)

Department: Psychology
/ Title: PSY 505 / Sport Psychology
Catalog Description: An examination of theory, research, and application of psychological principles related to sport and exercise.
Prerequisites: None
First Term Offered: Spring 2023
Credit Hours: 3

GC-22-11-09-CC-SOP – School of Pharmacy – 5 requests

Course Addition (3)

Department: Pharmacy Practice, Administration & Research
/ Title: PHAR 506 / Pharmacy Continuing Professional Development VI
Catalog Description: Sixth and final semester of the professional development series where students will be introduced to additional professionalism topics, evaluation of clinical s kills through the OSCEs.

Prerequisites:	None
First Term Offered:	Spring 2024
Credit Hours:	0
Department:	Pharmacy Practice, Administration & Research
# / Title:	PHAR 730 / Derm/Ophthalmic/Musculoskeletal Disorders
Catalog Description:	Students will learn treatment/prevention of ophthalmic, otic, dermatologic, and musculoskeletal diseases including the physiology, pathophysiology, pharmacology and therapy. This course emphasizes the pharmacist as a healthcare provider.
Prerequisites:	None
First Term Offered:	Spring 2024
Credit Hours:	3
Department:	Pharmacy Practice, Administration & Research
# / Title:	PHAR 737 / Pharmacy Skills Lab 5
Catalog Description:	Covers foundational patient care skills. Students apply knowledge, demonstrate critical-thinking and problem-solving skills, practice technical and communication skills, and demonstrate professional behavior in the therapeutic decision making process.
Prerequisites:	PHAR 637
First Term Offered:	Fall 2023
Credit Hours:	3

Course Change (2)

Department:	Pharmaceutical Science
# / Title:	MSPS 542 / Science Seminars
Catalog desc (current):	This course will help graduate students in the pharmaceutical sciences learn the basics of scientific communication and how to critically evaluate scientific literatures. Students must complete four versions of this course for credit. For the first three course offering, the student will receive a "CR" (credit) or "NC" (no credit). Upon completion of the fourth version of the course the student will receive a letter grade.
Catalog desc (new):	The course will help graduate students in the pharmaceutical sciences learn the basics of scientific communication and how to critically evaluate scientific literature. This 1 credit hour course is repeatable for credit up to 4 times.
Credit Hours (current):	4 credit hours, awarded after completing 4 semesters of the course.
Credit Hours (new):	1 credit hour, awarded each semester that the course is completed.
Grading (current):	Credit/No Credit
Grading (new):	Grade
Rationale:	Students are currently awarded 4 credit hours after completing 4 semesters of this course (no credit is awarded until all 4 semesters are completed). The course change will award students 1 graded credit hour each time they complete 1 semester of the course.

Department:	Pharmaceutical Science
Current # / Title:	PHAR 652 / Therapeutics 3 Cardiology
New # / Title:	PHAR 652 / Therapeutics 2 Cardiology
Credit Hours (current):	4 credit hours
Credit Hours (new):	5 credit hours
Rationale:	Second course in therapeutics sequence. Course was developed by restructuring PHAR 671, with contact hours consistent with a 5 credit course, which was original intent. However, a mistake when PHAR 652 was created listed this course as 4 credits. This change will fix that mistake.
Catalog Description:	Students will learn about the therapeutic interventions for the treatment and prevention of cardiovascular and pulmonary diseases. Exploration of normal human physiology, disease pathophysiology, and the pharmacologic and chemical properties of medications will precede discussions of therapeutic use. This course will emphasize performance of the activities of the pharmacist as a health care provider.

Attachment 5
2021-2022 Program Review Follow-up Reports

2021-2022 Program Review Follow-up Reports

Attachment 6

Program Review Scoring Rubric

Please find the below link to the 2022 GC Scoring Rubric

http://www.marshall.edu/graduate-council/files/Graduate-Council-Program-Review-Scoring-Rubric-Final-2022.pdf