I. Call to Order

II. Charge to Committee from Faculty Senate

III. Program and Course Proposals

   A. College of Arts, Culture, and Scientific Inquiry (CACSI)

      1. Department of Natural Sciences

         a. PHYS - 5411 - Scientific Communication

            REQUEST: Add - New Course

            RATIONALE: This course will be part of the Accelerated Bachelor's to
            Master's (ABM) program that will allow science majors to graduate and
            get a Master's in Applied Teaching (MAT) in approximately one year. This
            course is aimed at science majors who are interested in becoming teachers
after they graduate, and who will need to be able to communicate complicated scientific concepts to a broad audience.

B. Richards College of Business (RCOB)

1. Department of Economics

   a. REQUEST: New Program Request - Master of Science in Applied Business Analytics

   RATIONALE: The mission of the University of West Georgia (UWG) is to “enable students, faculty, and staff to realize their full potential through academic engagement, supportive services, professional development, and a caring, student-centered community,” while the Richards College of Business is “in the business of transforming lives through education, engagement, and experiences.”

Both the university and college missions emphasize offering a wide variety of experiences that have the potential to transform lives. The proposed MS in Applied Business Analytics will engage students in a broad range of applied business disciplines, including Healthcare Analytics, Marketing Analytics, Economics, Management, Information Systems, and Sports Analytics, among others. In doing so it will prepare students for a job market driven by big data and data analytics.

The program is designed to combine practical training with problem solving and critical thinking skills using real problems and real data. Students will learn how to code and how to use different data analytical packages (R, Python, SAS base, SQL, JMP) and techniques (machine learning, data mining, text analytics, etc), and will learn how to tackle real business analytics projects. The program will take advantage of well established relationships between college faculty and businesses in the West Georgia area (including Southwire and Cancer Treatment Centers of America) and the greater Atlanta area (such as Cox Communications, Delta Airlines, and Chick Fil A) to provide students with applied learning
opportunities. From invited speakers, to internships, externships, mentorships, to data sharing, we will leverage our relationships with business leaders to provide students with experiential learning and networking opportunities.

b. **ECON - 5208 - Business Analytics Programming**

   REQUEST: Add - New Course

   RATIONALE: This course is being created as part of the new MS in Applied Business Analytics. The program will require five core courses of all students, including Business Analytics Programming. The demand for data analysts (and related jobs) currently exceeds supply with over 7,000 new job openings expected in Georgia before 2030.

c. **ECON - 5408 - Advanced Visual Analytics**

   REQUEST: Add - New Course

   RATIONALE: This course is being created as part of the new MS in Applied Business Analytics. The program will require five core courses of all students, including Advanced Visual Analytics. The field of data analyst is very much in demand with over 7,000 projected job openings in Georgia over the next decade and median annual wages over $100,000 (according to O-Net). Visual analysis of data is a key component of the data scientist/analyst job.

d. **ECON - 5415 - Healthcare Analytics**

   REQUEST: Add - New Course

   RATIONALE: This course is being created as part of the healthcare analytics track of the new MS in Applied Business Analytics. Health informatics is a well paid in-demand job. Median salaries in Georgia are around $99,000 with 47,500 projected job openings before 2030 (O-Net).

e. **ECON - 6515 - Healthcare Economics**

   REQUEST: Add - New Course

   RATIONALE: This course is being created as part of the healthcare analytics track of the new MS in Applied Business Analytics. Health informatics is a well paid in-demand job. Median salaries in Georgia are
around $99,000 with 47,500 projected job openings before 2030 (O-Net).

f. **ECON - 6428 - Retail Analytics**

REQUEST: Add - New Course

RATIONALE: This course is being created as part of the new MS in Applied Business Analytics. The course will be part of the general business analytics track. The course will cover topics such as machine learning, random forests, and other popular techniques used by data scientists and analysts today.

g. **ECON - 6460 - Economics of Sports**

REQUEST: Add - New Course

RATIONALE: This course is being created as part of the new MS in Applied Business Analytics. The class will be a required course in the sports analytics track. With over 7,000 job openings projected in the field of data analysis within the next decade, and with several professional and college sports teams in the area, the sports analytics track is likely to attract a good number of students. The job outlook for these positions is bright with unmet demand and high salaries.

2. Department of Management

a. REQUEST: **New Program Request - Master of Science in Strategic Cybersecurity and Information Management**

RATIONALE: Cybersecurity is a job sector that is experiencing tremendous demand and growth. From May 2021 through April 2022 in the U.S., there were 141,000 employed Information Security Analysts, 180,000 openings for Information Security Analysts with an average salary of $116,000 (nearly three times the national average), and an estimated annual talent shortfall of 39,000 Information Security Analysts. There are 534,548 additional openings requesting cybersecurity-related skills in the U.S. Employers struggle to find workers who possess these skills. On average, cybersecurity roles take 21% longer to fill than other IT jobs.
In Georgia, there are currently 25,082 job openings and 35,986 people employed in cybersecurity positions. Nationwide there are 714,548 openings, and currently, 1,091,575 people are employed in cybersecurity. Some of the job titles are listed below.

Job Titles
- Cybersecurity Analyst
- Information Security Analyst
- Security Solutions Analyst
- Cybersecurity Consultant
- Cybersecurity Manager
- Network Engineer
- Network Analyst
- Network Administrator
- Systems Engineer
- Systems Analyst
- Systems Administrator

Closing the cybersecurity talent gap is critical in Georgia and nationwide. The Federal Government has declared that the lack of cybersecurity professionals is a national security risk.

Creating a Master's Degree in Strategic Cybersecurity and Information Management at UWG would build upon our Management of Information Systems undergraduate degree and would make a path for employees with no tech background to retool themselves to meet this lack of cybersecurity professionals.

The Master's Degree in Strategic Cybersecurity and Information Management will be designed to be STEM, and after running for 3 years, will seek NSA accreditation. The MS program incorporates foundational knowledge for multiple industry certifications and includes an accelerated
bachelor's to Master's path to encourage our top-performing students to stay for their Master's Degree.

b. **CISM - 6410 - Information Asset Protection and Risk Management**

   REQUEST: Add - New Course

   RATIONALE: This is a new course required for the new program being proposed, Master of Science in Strategic Cybersecurity and Information Management.

c. **CISM - 6420 - Defensive and Offensive Security**

   REQUEST: Add - New Course

   RATIONALE: This course is a required course for the new Master of Science in Strategic Cybersecurity and Information Management.

d. **CISM - 6430 - Cryptography, Identity and Access Management**

   REQUEST: Add - New Course

   RATIONALE: This course is required with the new Master of Science in Strategic Cybersecurity and Information Management.

e. **CISM - 6440 - Cybersecurity and Cloud Computing**

   REQUEST: Add - New Course

   RATIONALE: This course is required for the new Master of Science in Strategic Cybersecurity and Information Management.

f. **CISM - 6450 - IoT Security and Analytics**

   REQUEST: Add - New Course

   RATIONALE: This course is required for the new Master of Science in Strategic Cybersecurity and Information Management.

g. **CISM - 6460 - Security Planning and Systems Development**

   REQUEST: Add - New Course

   RATIONALE: This is a required course for the new Master of Science in Strategic Cybersecurity and Information Management.

h. **CISM - 6470 - Cyberwarfare, Cybercrime, and Digital Forensics**

   REQUEST: Add - New Course

   RATIONALE: This course is required for the new Master of Science in Strategic Cybersecurity and Information Management.
i. **CISM - 6480 - Special Research Topic in Management Information Systems**

REQUEST: Add - New Course

RATIONALE: This course is needed to add some flexibility for our MBA students and our M.S. in Cybersecurity students.

IV. New Business

A. Graduate School Policy Proposals - Dr. Matt Varga (see separate attached PDF document combining proposed policies, in order listed below)

1. Disclaimer (1 page - new policy)
2. Full-Time Status/Graduate Course Loads (3 pages)
3. Course Repeat Policy to Replace Grade (1 page)
4. Additions to Admission Policies (Statement of Competitive Admission/Right of Refusal) (2 pages)
5. Reinstatement Policy/Procedures (3 pages)
6. Graduate Admission Classification - Provisional Degree status (2 pages)
7. Admissions Appeals (4 pages)
8. Transfer Credit (2 pages)
9. Credit for Prior Learning or Work Experience (1/2 page - new policy)
10. Residency Requirement (1/2 page - new policy)
11. Requirements for Multiple Graduate Degrees (1/2 page - new policy)

B. Chair-Elect Selection (Chair for 2023-24 Academic Year)

C. Secretary for minutes at next meeting

V. Old Business

A. GPC meeting schedule through Fall Semester 2022

1. GPC agenda deadline, Tuesday, Oct. 25 by 5:00 pm (for GPC meeting on Tues. Nov. 1, 11:00 am - 12:30 pm)

2. GPC agenda deadline, Tues. Nov. 8 by 5:00 pm (for GPC meeting on Tues., Nov. 15 11:00 am - 12:30 pm)

VI. Adjourn