Date approved: 12/03/2024

Present: Doug Koch, Mel Odegard, Joe Pujol, Rhonda Weller-Stilson, Sandy Hinkle, Shawn Guiling, Alberto Dávila, Hayley Love, Jim McGill (proxy Tammy Randolph), Sarah Shaner, Quantella Noto, Chris Haug, Christopher Baldwin, Karlee Ensor (SGA Representative), Eric Bain-Selbo

Absent: Tammy Randolph

Guests: Mario Guimaraes, Suhair Amer, Steven Hoffman, Joshua Shulz, Tim Judd, Nick Kenney

I.   MINUTES:

Motion by Pujol, second by Weller-Stilson, to approve the distributed minutes from October 1, 2024, University Academic Council Meeting. Motion was approved unanimously.

II.   Action Items:

o   New Programs:

- Harrison College of Business and Computing

  o   Computer Science

    a.   New Degree: BS in Game Development

Motion by Dávila, second by Hinkle, to consider and approve the addition of the BS in Game Development. Mario Guimaraes described the justification for the new program. The advisory board recommended it and thought that it would increase undergraduate enrollment. The largest club on campus is the Esports club. It is a good opportunity for interdisciplinary curriculum with Art & Design and Music. Discussion followed. A question was raised about regional employment opportunities. Dr. Guimaraes acknowledged most employment is outside of the region. Joshua Shulz described some of the courses that involve mobile app development and game development. Alberto hopes it will draw students to computer science as an enrollment strategy. Suhair Amer pointed out that this would be the only degree of its kind in the state of Missouri. Eric asked whether specific workforce development data is available to present to the Board of Governors. Chris spoke about how Game Development can also prepare for Digital Media creation jobs. Nick spoke about how students are already developing games with music on campus. Motion was approved unanimously.

- College of Science, Technology, Engineering, and Mathematics

  o   Biology

    a.   New Degree: MS in Emergency Management and Preparedness

Motion by Pujol, second by Weller-Stilson, to consider and approve the addition of the MS in Emergency Management and Preparedness. Tim Judd described the justification for the new program. The BS has not had good enrollment, and it is more suited to graduate level study. The strategy for the new MS includes that

undergraduate students may take courses in the new minor and those can apply to the Masters. The degree is completely online and would be available to a wider audience of students. Students in many majors may be interested in the minor. There is a workforce demand for this area. Discussion followed. A question was raised about why this would be housed in the Biology department. Some courses in emergency management are available through Political Science, Social Work, and Sociology and it was suggested that they could be added to the curriculum. Chris asked if there are other institutions with this degree. Eric asked about data about the jobs that are available. Motion was approved unanimously.

- o Addition of Minor:
  - College of Science, Technology, Engineering, and Mathematics
    - o Biology
      - a. New Minor: [Minor in Emergency Management and Preparedness](#)

Motion by Magill, second by Pujol, to consider and approve the addition of the Minor in Emergency Management and Preparedness. Tim Judd described the justification for the new program. Discussion followed. The minor will be an accelerated pathway to the Masters. Motion was approved unanimously.

- o Other (Revisions and Deletions):
  - College of Science, Technology, Engineering, and Mathematics
    - o Biology
      - a. Program Deletion: [BS in Emergency Preparedness](#)
        - ➢ Termination

Motion by Weller-Stilson, second by Love, to consider and approve the deletion of the BS in Emergency Preparedness. Tim Judd described the justification for the termination. Discussion followed. There will be a teach out for current students. Motion was approved unanimously.

- - Holland College of Arts and Media
    - o Music
      - a. Program Change: [Minor in Jazz and Commercial Music](#)
        - ➢ Title change: Minor in Jazz Studies → Minor in Jazz and Commercial Music
        - ➢ Course changes

Motion by Weller-Stilson, second by Haug, to consider and approve the title change of the Minor in Jazz Studies to Jazz and Commercial Music and revisions to the minor. Nick Kenney described the justification for the revisions. The program has had only 2 completers and had many hidden pre-requisites. The strategy for the revisions is to have a minor that is not only for students in Music Education but majors outside of Music could complete it also. It is like programs at other institutions but has more experiential learning. Discussion followed. Motion was approved unanimously.

- - Harrison College of Business and Computing
    - o Computer Science
      - a. Program Change: [BS in Computer Information Systems](#)
        - ➢ Course Changes

Motion by Weller-Stilson, second by Pujol, to consider and approve the revisions to the BS in Computer Information Systems. Suhair Amer described the justification for the revisions. Discussion followed. Motion was approved unanimously.

I. Information Items:
- Harrison College of Business and Computing
  - Computer Science
    - Program Change: BS in Computer Science
      a. Minimal course changes
      b. Addition of accelerated track to MS in Applied Computer Science or MS Cybersecurity
    - Program Change: BS in Cybersecurity
      a. Minimal course changes
      b. Addition of accelerated track to MS in Applied Computer Science or MS Cybersecurity
    - Program Change: BS in Computer Information Systems
      a. Addition of accelerated track to MS in Applied Computer Science or MS Cybersecurity
  - College of Humanities and Social Sciences
    - Program Change: BS in Historic Preservation
      a. Minimal course changes
- Proposed New Courses, Significant Course Revisions and Course Terminations: (proposed courses are currently submitted for 10-day review, will be submitted for 10-day review as of program approval, or were reviewed since the last Academic Council)
  - Harrison College of Business and Computing
    - Computer Science
      a. CS460 Rapid Game Prototyping – New course
      b. CS420 Mixed Reality Game Development with HCI – New course
      c. CS215 Video Game Theory – New course
      d. CS210 Character Development and Storycrafting – New course
      e. CS173 Introduction to Game Development – New course
      f. CY320 Access Control – Title change
      g. CS473 Game Programming II – Title change
      h. CS373 Game Programming I – Title change
      i. CY453 Special Topics in Cybersecurity – New course
      j. CS561 Parallel and Distributed Computing – New course
      k. CS465 Surveying Game Users – New course
      l. CS469 Development of Educational and Serious Games – New course
  - College of Science, Technology, Engineering, and Mathematics
    - Biology
      a. BI592 Experiential Learning in Marine Biology – New Course
      b. BI539 Prescribed Fire Management – New Course
      c. BI414 Prob Cell & Mol Biol – Course deletion
      d. BI614 Prob Cell & Mol Biol – Course deletion
      e. BS614 Topics in Biology Education – Course deletion

  f. BI447 Fund Disaster/Emrg Mgt – Course deletion

  g. EV447 Fund Disaster/Emrg Mgt – Course deletion

  h. BI448 Disaster/Emer Plan – Course deletion

  i. EV448 Disaster/Emer Plan – Course deletion

  j. EV449 Vulnrblty Risk Redct – Course deletion

  k. BI649 Vulnerability Risk Reduct – Course deletion

  l. EV454 Risk Assessment Appl – Course deletion

  m. BI454 Risk Assessment – Course deletion

  n. BI456 Fund Risk Comm EM – Course deletion

  o. EV456 Fund Risk Comm EM – Course deletion

  p. BI433 Wildlife Management Techniques – New Course

  q. BI633 Wildlife Management Techniques – New Course

  r. EV525 Global Health – New Course

  s. EV386 Principles of Environmental Health I – Title change

  t. EV388 Principles of Environmental Health II – New course

  u. ZO331 Vertebrate Physiology – Title change

- College of Humanities and Social Sciences
  - History and Anthropology
    - a. HP498 Professional Portfolio Review – New Course
- Holland College of Arts and Media
  - Music
    - a. MU310 Music Engraving – Course deletion

II. Discussion Items

 o Creating a more efficient curriculum approval process

- Please ask departments what can we do to improve that process.

- Some ideas that were discussed are:

  - Meeting alignment between college and graduate and academic council.

  - Perhaps fewer meetings to consider items.

  - Package all items in a curriculum change in a program together

  - Set a single Academic Council date for new programs

    - a. With a secondary consideration date for minor revisions requested

    - b. Some caution about missing the boat with a single meeting

      - ➢ Concern about having to wait a year for another chance to consider a new program

  - Send it back to the college council instead of the department

    - a. Ultimately the department will have to make the changes in Workflow and resubmit.

  - Make it less informal, set specific deadlines for different types of course and curriculum changes.

  - Publish additional detail on provost section of mySEMO

    - a. People developing programs have never done it before

    - b. Create a checklist for new programs of items they need to include.

- ➢ Business plan
  - ▪ Hidden expenses
- ➢ Letters of support from industry and other departments and colleges
- ➢ Labor statistics for job outlook with new degree
  - o Perhaps have electronic votes to consider small proposal revisions requested by Academic Council
  - o Communication between deans about new programs that may be interdisciplinary
    - a. Unit updates at Deans' Council on upcoming curriculum development
  - o We have not held people responsible for proving demand.
- o Question about publish date for new classes.
  - • Since we now have an online catalog, updates happen more frequently and fluidly.
  - • Course changes and additions for Fall need to be approved and in to the Registrar by February. (First Step registration begins in February)
- o Can we start program changes in the spring? No, we only have catalog years, not half years.

Meeting adjourned.