New programs 4 new minors for consideration

 1-   Minor, sustainability, 15 credit minor,
Sustainability Minor
A) Required Core (12):
GNEN 1500 Sustainable Living (3) College of Engineering. Will be offered Fall 2017
EEES 2010 Introduction to Environmental Studies (3). Offered regularly
BUAD 3500 Sustainable Business Practices (new) (3). Under review
PHIL 3180 Environmental Ethics (3). Offered regularly.

B) Choose ONE of the following courses (3).

College of Business and Innovation
BUAD 3020 Principles of Manufacturing and Service Systems. (Pre-Requisite: BUAD 2070)
IBUS 4360 Global Business Strategies

College of Natural Sciences and Mathematics
CHEM 1100 Chemistry and Society (3)
EEES 1150 Marine Biology (3)
EEES 2150 Biodiversity (3)
EEES 1010 Physical Geology (3)
EEES 2400 Oceanography (3)
EEES 2200 Climate Change (3)
EEES 1050 Geological Hazards and the Environment (3)
EEES 1130 Down to Earth Environmental Sciences (3)
EEES 1170 Microbes and Society (3)

College of Engineering
CHEE 4120 Biofuels (3) (Pre-Requisite: CHEM 1230)
CIVE 4690 Sustainability Engineering (3)
MIME 4410 Alternative Energy (3)
MIME 4820 Sustainability Analysis and Design (3)

College of Arts and Letters
ECON3240 - Environmental Economics (3)
GEPL 1100 Environmental Geography (3)
GEPL 3900 Environmental Planning (3)
GEPL 4160 Patterns of world development (3)

Justification- collaboration between NSM, honors, engineering, and Business and Innovation.
21% of all colleges and universities have such a program.
As well, poll of 1000 undergraduates on this subject showed a 30% response rate requesting more information on this topic. Also fits research strengths of people in the various disciplines contributing to the minor.

Recommend approval from committee- 10-0

2 – Minor, 12 credit minimum, OSCM

Operations and supply chain management minor

Required must take:

BUAD 3020 – Principles of Manufacturing and Service Systems

At least two of the following:

OSCM 3610 – Production Planning and Scheduling

OSCM 4760 – Simulation Modeling

OSCM 3660 – Materials Management and Purchasing

OSCM 4250 – Business Analytics-Techniques and Cases

OSCM 4150 – Supply Chain Analytics and Cases

And one of these:

MKTG 3130 – Supply Chain Management

MKTG 4220 – International Sourcing, Logistics, and Transportation

Justification – Minor created by merging two former minors, Operations management and supply chain management. Intent is to bring minor in line with the new major of Operations and Supply Chain Management that was passed by senate last year.

Rationale – Intent is to streamline opportunities for undergraduates and allow students from other majors to partake in the OSCM area as a minor in combination with their degree program.

Recommend approval – unanimously 10-0

3 – Minor, 12 credit minimum, INFS
Enterprise resource Planning minor
Must take:
BUAD 3050 – Information and Technology Management
INFS 3780 – Enterprise wide Information Systems Management
INFS 4680 – Enterprise Systems Implementation and Integration
INFS 4100 – Business Intelligence using Big Data

Justification:
ERP systems helps you define your processes and streamline it thus increasing the efficiency of the firm. ERP systems are used by many area employers as well as most Fortune 500 companies and our site license for SAP gives us a unique opportunity to offer this minor. The three course sequence will help students understand business processes, configure an ERP system to meet the business needs and to help analyze the large data generated by the business inside the ERP system to generate nuggets of information that can dramatically improve business decision making. Knowledge and skills gained form these courses are in great demand and will be a valuable minor for many of our information systems, operations and supply chain management and Marketing majors. Finally, the set of coursework with some review may help students pass industry based certification exam, further boosting career opportunities.

Recommend – approval 10-0

4 – Minor, 12 credit minimum, IOTM
Business information security minor, name changed
Must take:
BUAD 3050 – Information and Technology Management
INFS 3400 – Principles of Informational Systems security
INFS 3370 – Business Data Communications
INFS 4100 – Business Intelligence using Big Data

Rationale:
Business Information Security is a rapidly growing field which is very important to business and governmental organizations. Business Information security jobs, in both the private and public sectors, are growing at a very fast pace, based on bureau of labor statistics data and informal feedback from the departmental ISAC advisory group. Information Systems professionals are increasingly being required to have exposure in information security. The proposed minor addresses this need. IS majors will be encouraged to take this area as a track, thus increasing their chances of employment. The minor is a standalone one, without burdensome pre-requisites, and it should attract other majors to seek out this minor. Since the proposed courses form an important component of electives offered by IOTM, no significant resources are needed at this time.

Recommend – approval with new name and explanations – 10-0

Program modifications -2 changes based in nursing

1- Program modification to BSN in nursing dropping credit hours for degree from 124 to 120.
Major changes – new courses to update the program,

BSN degree changes
Courses in the Professional Major (OLD CURRICULUM)

Semester in major   Course #   Course Title (credit hours)
BSN-1
First Semester
        NURS 3010   Nursing Agency I (3)
        NURS 3110   Nursing Agency II (3)
        NURS 3210   Nursing Agency III (3)
        NURS 3170   Concepts in Pathophysiology (3)
        NURS 4950   Nursing Research (3)
                Total Credit Hours (15)

BSN-2
Second Semester
        NURS 3120   Adult Health Nursing I (7)
        NURS 3630   Mental Health Nursing (5)
        NURS 3180   Concepts in Pharmacology (3)
                Total Credit Hours (15)

BSN-3
Third Semester
        NURS 4030   Adult Health Nursing II (7)
        NURS 3620   Women's Health Nursing (5)
        NURS 4020   Leadership & Management in Nursing (3)
                Total Credit Hours (15)

BSN-4
Fourth Semester
        NURS 3640   Parent-Child Nursing (5)
        NURS 4010   Community Health Nursing (5)
        NURS 3130   Gerontology Nursing (3)
        NURS 4250   Nursing Competency Prep (2)
                Total Credit Hours (15)

Courses in the Professional Major (NEW CURRICULUM- effective 201540)

Semester in major   Course #   Course Title (credit hours)
BSN-1
First Semester
        NURS 3040   Nursing to Promote Wellness across the Lifespan (5)
        NURS 3080   Fundamentals of Nursing and Assessment across the Lifespan (5)
        NURS 3150   Pathopharmacology 1 (3)
        NURS 3190   Nursing Research 1 (2)
                Total Credit Hours (15)

BSN-2

Second Semester   NURS 3280   Advanced Fundamentals (3)
      NURS 3300   Nursing Care of Persons with Health Challenges (4)
      NURS 3400   Family Health (4)
      NURS 3290   Nursing Research 2 (1)
      NURS 3540   Pathopharmacology 2 (3)
         Total Credit Hours (15)

BSN-3

Third Semester
      NURS 4130   Nursing Care of Persons in Crisis 1 (4)
      NURS 4240   Nursing Care of Persons in Crisis 2 (8)
      NURS 4260   Professional Nursing Development (3)
         Total Credit Hours (15)

BSN-4

Fourth Semester
      NURS 4510   Population Health (4)
      NURS 4620   Precepted Clinical Practicum (5)
      NURS 4700   Nursing Care of Persons and Families with Complex Care Needs (3)
      NURS 4760   Professional Nursing Competency (3)
         Total Credit Hours (15)

Recommendation – approval with explanations. 10-0

2- Program modification for RN Conversion to BSN dropping credit hours required from 124 to 120. Major changes-

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NURS 4120   Leadership and Management in Nursing (5)

NURS 4180   Theoretical and Professional Foundations in Nursing (4)

NURS 4190   Interpersonal Strategies in Nursing of Older Individuals (6)
NURS 4200   Population Focused Care (5)

NURS 4210   Applied Nursing Research (3)

NURS 4220   Applied Pathophysiology and Pharmacology (4)

NURS 4230   Applied Health Assessment (3)

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NURS4350 Transition to BSN Practice (2)

NURS4360 Theory and Collaborative Practice (3)

NURS4390 Health Promotion and Assessment of Families Across the Lifespan(3)

NURS4270 Applied Health Assessment Across the Lifespan(3)

NURS4290 Nursing Care of the Older Adults (4)

NURS4310 Research Methods and Evidence Based Practice (3)

NURS4320 Pathopharmacology Across the Lifespan(4)

NURS4330 Nursing Leadership and Management (5)

NURS4340 Population Focused Care (5)

Recommend – approval with explanations 10-0