Business

1. Change the following courses [Effective: Summer 2015]

   Bus 290  Leading Organizations and People (3 cr)
   Great leaders are made, not born. This course prepares students to effectively acquire and deploy human capital, lead individuals and teams, inspire and motivate people to perform the tasks needed to achieve ambitious goals, and inspire innovation. Includes international and ethical issues. May involve evening exams and presentation practices.
   **Prereq:** Acct 201, Bus 190, Econ 201, or Econ 272; and Sophomore Standing

   **Rationale:** In anticipation of the new curriculum we are teaching four sections of Bus 290 this semester as a special topics course. Based upon the real-time feedback it is clear that the students who have not yet taken Econ 201 are struggling with the basic concepts of business. Because of this, the Bus 204 instructors/professors are backtracking, and thereby slowing the course down. We believe that the combination of Acct 201, Econ 201, Bus 190 and sophomore standing prerequisites will provide a useful foundation for Bus 290 that will allow faculty members to teach Bus 290 as designed and therefore to achieve the desired objectives of the course.

   Bus 353  Data and Information Management Application Development (3 cr)
   Intro to the design and implementation of IS applications. Topics may include programming for mobile and distributed systems, usability, and security. An examination of data and information management in business organizations. Applications across functional business areas using database management systems are stressed.
   **Prereq:** Junior Standing

   **Rationale:** Reflects changes in the subject area, current practice, and revision of CBE core. Much of the current course will move to 350. This course will be more advanced and will include some of the programming topics currently addressed in Bus 250 which is being dropped from the major.

   Bus 355  Systems Analysis, & Administration and Design (3 cr)
   Introduction to analysis, development, and design management of modern information systems. May involve evening exams.
   **Prereq or Coreq:** Bus 250; Junior Standing

   **Rationale:** Reflects changes in the subject area in particular a focus on system administration rather than development.

   Bus 452  Business Telecommunications Management (3 cr)
   Survey of telecommunications management issues in a business environment; topics include local and wide area networks, telephony, public networks, and application of telecommunications technology in strategic business management.
   **Prereq:** Bus 250 and Bus 350, Bus 353, or Bus 355

   **Rationale:** Reflects changes in the CBE core. Will open the course to more students inside and outside the college.

   Bus 453  Database Design (3 cr)
   Introduction to modern database management systems and their use in solving business problems. May involve evening exams.
   **Prereq:** Bus 250 and Bus 350, Bus 353, Bus 355, or CS 120

   **Rationale:** Reflects changes in the CBE core in particular the ending of IBC. Course will be more readily available to more students due to change in prereqs.

   Econ 453  Econometrics (3 cr)
   Same as Stat 433. Application of statistical methods to economics and business studies; emphasis on regression analysis methods. Use of quantitative techniques to analyze and test economic theories.
   **Prereq:** Stat 251 or Stat 301

   **Rationale:** Better description of course content.

   Econ 490  Economic Theory and Policy (3 cr)
   A capstone course for economics majors. Integrates theory, quantitative methods, and policy in the economics major; will involve independent research projects.
   **Prereq:** Econ 351, and Econ 352, and Econ 453 or Permission

   **Rationale:** Officially adding prerequisites that have been the de facto requirements for several years.

2. Change the following course and change the status from Dormant to Active [Effective: Summer 2015]

   Econ 490  Economic Theory and Policy (3 cr)
   A capstone course for economics majors. Integrates theory, quantitative methods, and policy in the economics major; will involve independent research projects.
   **Prereq:** Econ 351, and Econ 352, and Econ 453 or Permission

   **Rationale:** Officially adding prerequisites that have been the de facto requirements for several years.
Bus 454 (s) **Current Issues in Information Systems (3 cr, max arr)**

Discussion of major topics of current importance in information systems.

**Prereq:** Bus 350, Bus 353 or Bus 355

**Rationale:** Reflects changes in the subject area and the CBE core, in particular a focus on management rather than development. Allows faculty time to be better allocated. Resources will be made available by removing Bus 250 from the IS major and not offering it.

3. **Change the curricular requirements of Economics (B.A. or B.S.)** [Effective: Summer 2015]

Required course work includes the university requirements (see regulation J-3), the general College of LASS requirements for the B.A. or B.S. degree, and:

**One of the following groups of courses (6-7 cr):**

**Group A.**
- Econ 201 Principles of Macroeconomics (3 cr)
- Econ 202 Principles of Microeconomics (3 cr)

**or**

**Group B.***
- Econ 272 Foundations of Economic Analysis (4 cr)

**One of the following (2-3 cr):**
- Econ 201 Principles of Macroeconomics (3 cr)
- Econ 202 Principles of Microeconomics (3 cr)

**Two credits of upper-division economics course and**

- Econ 351 Intermediate Macroeconomic Analysis (3 cr)
- Econ 352 Intermediate Microeconomic Analysis (3 cr)
- Econ 453 Econometrics (3 cr)
- Econ 490 Economic Theory and Policy (3 cr)
- Math 143 Pre-calculus Algebra and Analytic Geom (3 cr) or higher
- Math 160 Survey of Calculus

**Additional upper-division credits in economics (12-14 cr)**

**One of the following (3 cr):**
- Econ 453 Econometrics (3 cr)

**One of the following groups (4-6 cr):**

**Group A.**
- Econ 201 Principles of Macroeconomics (3 cr)
- Econ 202 Principles of Microeconomics (3 cr)

**or**

**Group B.***
- Econ 272 Foundations of Economic Analysis (4 cr)

**One of the following (3-4 cr):**
- Math 160 Survey of Calculus (4 cr)
- Math 170 Analytic Geometry and Calculus I (4 cr)
- Math 175 Analytic Geometry and Calculus II (4 cr)
- Math 275 Analytic Geometry and Calculus III (3 cr)

**One of the following (3 cr):**
- Stat 251 *Prin of Statistics Statistical Methods* (3 cr)
- Stat 301 Probability and Statistics (3 cr)

**Courses to total 128-120 credits for this degree**

* A total of six credits in this area is required. Students who have completed Econ 272 with a final grade of B or better may either complete at least two additional upper-division credits in economics or take Econ 201 or Econ 202 for two credits. Students who have completed Econ 272 with a final grade lower than B must take either Econ 201 or Econ 202 for two credits.

**Rationale:** The primary intent of this change is to clarify that the only math requirement for the Economics major is one of either Math 160, 170, 175 or 275. Secondly, in keeping with the change to require 120 total credits for the degree, we are abolishing the requirement of 15 upper-division credits in related fields. Since Econ 340 is being changed from 2 to 3 credits, it makes sense to require 12 credits of upper-division Economics electives instead of 12-14. Since it is no longer possible to combine Econ 272 with Econ 340 for six credits, we are removing the "Group A", "Group B" structure.

4. **Change the curricular requirements of Information Systems (B.S.Bus.)** [Effective: Summer 2015]
Required course work includes the university requirements (see regulation J-3), the college requirements, and:

- **Bus 250**  
  *Introduction to System Development (3 cr)*
  
- **Bus 353**  
  *Application Development Management (3 cr)*
  
- **Bus 355**  
  *Systems Analysis & Administration Systems Analysis and Design (3 cr)*
  
- **Bus 452**  
  *Business Telecommunications Management (3 cr)*

- **Bus 453**  
  *Database Design (3 cr)*

- **Bus 454**  
  *Issues in Information Systems (3 cr)*

Restricted IS electives: at least three additional courses from the following (9 cr):

- **Bus 351**  
  *Introduction to Electronic Commerce (3 cr)*

- **Bus 378**  
  *Project Management (3 cr)*

- **CS 120**  
  *Computer Science I (4 cr)*

- **Geog 385**  
  *GIS Primer (3 cr)*

- **Geog 390**  
  *Cartographic Design & Geovisualization (3 cr)*

- **400-Level course offered by the College of Business and Economics (3 cr)*

  An additional **Bus 390** may be used with approval of IS area coordinator (3 cr)

- **300-Level or higher computer science course**

- **Non-CBE elective: at least one additional 300 or 400-level course from outside the CBE (3 cr)**

  An additional **Bus 390** beyond that required for CBE core may be used with approval of IS area coordinator (3 cr)

Courses to total 120 credits for this degree. In addition to all other requirements, students must take at least 9 credits from outside the CBE in addition to those specifically required. These may be chosen from the restricted electives or from other courses.

**Rationale:** Reflects changes in the area as well as revision of the CBE core.

Resources will be freed by:
- dropping Bus 352 and from the CBE core revision, in particular the dropping of Bus 339.
- dropping Bus 351
- dropping Bus 250