UNIVERSITY CURRICULUM COMMITTEE
2013-14 Meeting #13, January 27, 2014

Present: Gail Eckwright, Annette Folwell (Chair), Rodney Frey, Rachel Fujita, Tim Johnson, Jon Miller, Kathleen Monks, Jeanne Stevenson, Todd Thorsteinson, Kerri Vierling, Matt Wappett.
Absent: Max Cowan, Nancy Krogh, Joe Law, Tim Prather, Tess Wolfenson.
Others Present: Traci Craig, Dwaine Hubbard, Charles Tibbals.

Call to order: A quorum being present, the chair called the meeting to order at 3:31 p.m. in the SUB Cataldo room. The minutes of the December 2, 2013 meeting were approved.

Other Business:

Committee member Haagensen retired from the University. Rachel Fujita has been appointed to her seat on the committee.

Old Business:

New Business:

UCC-14-048 College of Natural Resources

Conservation Social Sciences: It was motioned and seconded to approve the proposed changes to Conservation Social Sciences. Committee member Vierling reviewed the proposed changes. Hearing no questions the motion to approve the proposed changes passed unanimously.

1. Change the curricular requirements of Environmental Education (GR Certificate) [Effective: Summer 2014]

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSS 481</td>
<td>Conservation Leadership</td>
<td>3 cr</td>
</tr>
<tr>
<td>CSS 559</td>
<td>Writing Research and Project Proposals</td>
<td>1 cr</td>
</tr>
<tr>
<td>CSS 560</td>
<td>Community Ecology for Env. Educators</td>
<td>3 cr</td>
</tr>
<tr>
<td>CSS 562</td>
<td>Field Science Teaching</td>
<td>2 cr</td>
</tr>
<tr>
<td>CSS 563</td>
<td>Place Based Env. Education</td>
<td>3 cr</td>
</tr>
<tr>
<td>CSS 566</td>
<td>Adv. Field Ecology Course Design</td>
<td>5 cr</td>
</tr>
<tr>
<td>CSS 567</td>
<td>Environmental Education Teaching Practicum I</td>
<td>2 cr</td>
</tr>
<tr>
<td>CSS 568</td>
<td>Environmental Education Teaching Practicum II</td>
<td>1 cr</td>
</tr>
<tr>
<td>CSS 569</td>
<td>Environmental Education Teaching Practicum III</td>
<td>2 cr</td>
</tr>
<tr>
<td>CSS 575</td>
<td>Leadership for the Environmental Educator</td>
<td>2 cr</td>
</tr>
</tbody>
</table>

Courses to total 22 credits for this certificate

UCC-14-049 College of Business and Economics

Business: It was motioned and seconded to approve the proposed changes to Business. Committee member Miller reviewed the proposed changes. Committee chair Folwell asked is Bus 290 is a requirement of all Business majors now. Miller replied that Bus 290 is a requirement now. Hearing no further questions the motion to approve the proposed changes passed unanimously.

1. Change the following courses [Effective: Summer 2014]

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

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

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
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

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

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

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 or Econ 453 or Permission

2. Change the following course and change the status from Dormant to Active [Effective: Summer 2014]

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

3. Change the curricular requirements of Economics (B.A. or B.S.) [Effective: Summer 2014]

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)
Upper-division credits in related fields, selected with approval of economics faculty. (15 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 301 or Econ 302 for two credits. Students who have completed Econ 272 with a final grade lower than B must take either Econ 301 or Econ 302 for two credits.

4. Change the curricular requirements of Information Systems (B.S.Bus.)  **[Effective: Summer 2014]**

Required course work includes the university requirements (see regulation J-3), the college requirements, and:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bus 250</td>
<td>Introductory System Development (3 cr)</td>
<td></td>
</tr>
<tr>
<td>Bus 353</td>
<td>Application Development  Data and Information Management  (3 cr)</td>
<td></td>
</tr>
<tr>
<td>Bus 355</td>
<td>Systems Analysis &amp; Administration Systems Analysis and Design (3 cr)</td>
<td></td>
</tr>
<tr>
<td>Bus 452</td>
<td>Business Telecommunications Management (3 cr)</td>
<td></td>
</tr>
<tr>
<td>Bus 453</td>
<td>Database Design (3 cr)</td>
<td></td>
</tr>
<tr>
<td>Bus 454</td>
<td>Issues in Information Systems (3 cr)</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bus 351</td>
<td>Introduction to Electronic Commerce (3 cr)</td>
<td></td>
</tr>
<tr>
<td>Bus 378</td>
<td>Project Management (3 cr)</td>
<td></td>
</tr>
<tr>
<td>CS 120</td>
<td>Computer Science I (4 cr)</td>
<td></td>
</tr>
<tr>
<td>Geog 385</td>
<td>GIS Primer (3 cr)</td>
<td></td>
</tr>
<tr>
<td>Geog 390</td>
<td>Cartographic Design &amp; Geovisualization (3 cr)</td>
<td></td>
</tr>
</tbody>
</table>

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.

**UCC-14-050 College of Letters, Arts, and Social Sciences**

It was motioned and seconded to approve the proposal from the Department of Psychology and Communication Studies to create a Ph.D. program in Experimental Psychology. Committee member Thorsteinson introduced the proposal. Committee member Johnson asked if ISU is the only other Ph.D. in Psychology in the state. Thorsteinson indicated that was correct. Johnson asked for an estimate of the number of students in that program. Traci Craig indicated that ISU has not made enrollment numbers for that program public yet. Committee member Miller asked if it was normal in these kinds of programs to have it be comprised of master’s level work with the Dissertation being the only doctoral level requirement in the program. Craig indicated that the program is very research focused. Hearing no additional questions the motion to approve the proposal passed unanimously.

The next UCC meeting will be in February. This meeting was adjourned at 3:46pm.

Charles Tibbals, UCC Secretary