UNIVERSITY COURSES AND CURRICULA COMMITTEE
May 21, 2012
3-5 p.m.
MIKC 114
MINUTES

Members in Attendance: Elena Pravosudova, Carol Condit, Kambiz Raffiee, Tom Harrison, Fred Holman, Michael Peters for Marsha Read, Mary Hylton, Rosemary McCarthy, Kathy Boardman, Joe Cline.
Ex-Officio Members in Attendance: Katy Schleef, Pat Ragains, Maureen Cronin, Janet Stake.
Guests: David Shintani – BCH, Gracelyn Valdez – A&R.

Approval of minutes: May 7, 2012 - Approved

The June meeting is cancelled. The July meeting will be determined closer to that time.

PROPOSED CHANGES IN DEGREES, MAJORS, AND COURSES

<table>
<thead>
<tr>
<th>COB</th>
<th>College Wide</th>
<th>BS-GB 4338 Change required course</th>
<th>Approved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grad Council Approval / Core Board</td>
<td>CCN</td>
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MAJOR REQUIREMENTS (24 credits)

From the following courses, students will complete at least one 300/400 level class from each area listed
AND (24 credits)
Accounting
ACC 405R—Cost Management and Control OR
ACC 410R—Federal Taxation (3 credits)
Economics
ECON 302—Intermediate Microeconomics (3 credits)
Finance
FIN 307—Investments (3 credits)
Information Systems
IS 365—Business Processes and Information Systems Integration (3 credits)
Marketing
IS 455—Project Management: Principles and Practice (3 credits)
MKT 312—Buyer Behavior
Additional Upper Division Business (9 credits)
NOTE: Upper-division business core classes cannot be used in this section. Students may complete upper-division Management coursework to complete this section but are not required to complete a course from the Management area

Transfer agreements: 5620, 5524, 5428, 5716
Implementation: FL12

| DHS | SW | 310 113302 Change course title, | Approved |

OLD: Human Behavior and the Social Environment I (3+0) 3 credits
Examines human development from conception through young adulthood from an ecological-systems perspective. Emphasis on theories of biological, psychological, cognitive, social, cultural and spiritual

NA Deadline falls after meeting date
**NEW: HBSE I: Structural Factors and Macro Systems (3+0) 3 credits**
First course in a two-course sequence that promotes a multidimensional understanding of human functioning across systems and the life courses.
Prereq: SW 101; SW 250; PSY 101; SOC 101; ANTH 101; ECON 100 or ECON 102 or ECON 103; CH 203.

Abbrev: HSBE I
Offerings: Every Fall
Transfer agreements: No changes anticipated
Implementation: SP13

<table>
<thead>
<tr>
<th>DHS</th>
<th>SW</th>
<th>311</th>
<th>113303</th>
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</thead>
</table>
| Change course title, description and prereq | **Approved**

**OLD: Human Behavior and the Social Environment II (3+0) 3 credits**
Examines human development from young adulthood through old age from an ecological-systems perspective. Emphasis on theories of biological, psychological, cognitive, social, cultural and spiritual development.
Prereq: SW 310.

**NEW: HBSE II: Micro and Mezzo Systems (3+0) 3 credits**
Second course in a two course sequence that promotes a multidimensional understanding of human functioning across systems and the life course.
Prereq: SW 310.

Abbrev: HBSE II
Offerings: SP13
Transfer agreements: No changes anticipated
Implementation: SP13

<table>
<thead>
<tr>
<th>DHS</th>
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<th>420</th>
<th>113315</th>
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| Change title, description and prereq | **Approved**

**OLD: Methods of Social Work I (3+0) 3 credits**
Generalist social work practice—from rapport building through termination. Emphasis on social work major.
Coreq: SW 480.

**NEW: Social Work Methods with Individuals (3+0) 3 credits**
Emphasizes the application of skills, knowledge and values to social work practice with individuals.
Prereq: Admission to the Professional Sequence. Coreq: SW 424; SW 480.

Abbrev: SW Practice: Individuals
Offerings: Every Fall
Transfer agreements: No changes
Implementation: SP13

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<thead>
<tr>
<th>DHS</th>
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| Change title and description | **Approved with description changes**

**OLD: Methods of Social Work II (3+0) 3 credits**
Continuation of SW 420. Emphasis on social work values, theories and skills needed to intervene effectively with small groups, organizations neighborhoods and larger communities.
Prereq: SW 420 with a “C” or better; SW 480 with a “C” or better. Coreq: SW 481.

**NEW: Social Work Methods with Groups (3+0) 3 credits**
One of a four course sequence emphasizing the application of skills, knowledge and values to social work practice. Focuses on competent intervention with small groups. Prereq: SW 420 with a “C” or better; SW 480 with a “C” or better. Coreq: SW 481.

Abbrev: SW Groups
Offerings: Every Spring
Transfer agreements: No changes
Implementation: SP13

<table>
<thead>
<tr>
<th>ED</th>
<th>ED</th>
<th>EDEL 483 104397</th>
<th>Approved</th>
<th>OLD: Elementary Supervised Teaching Internship 42-S/U only credits</th>
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<tr>
<td></td>
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<td>(Formerly CTL 405; implemented Fall 2007).</td>
<td>Coreq: EDUC 402.</td>
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<td>NEW: Elementary Supervised Teaching Internship 6-12 S/U only credits</td>
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<td>May be repeated to a maximum of 12 credits</td>
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<td>Abbrev: Elem Sup Teach Intern</td>
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<td>Offerings: Every Fall and Spring</td>
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<td>Transfer agreements: No changes anticipated</td>
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<td>Implementation: FL12 – course is offered with enrollment</td>
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<tr>
<th>LBA</th>
<th>COM</th>
<th>302</th>
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<th>OLD PRE/COREQ</th>
<th>NEW PRE/COREQ</th>
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<td>COM 113; COM 212.</td>
<td>Rec prep: COM 113; COM 212.</td>
<td>Transfer agreements: No changes</td>
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<td>Implementation: FL12</td>
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CONSENT AGENDA - (Items on the consent agenda are voted upon as a group. Any member of the committee may request that item(s) be removed from the consent agenda for individual consideration)

PROPOSED CHANGES

<table>
<thead>
<tr>
<th>COB</th>
<th>ECON</th>
<th>Prereq changes</th>
<th>Approved with removal of RECO 100 (no longer offered)</th>
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<tr>
<td></td>
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<td>COURSE</td>
<td>OLD PRE/COREQ</td>
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<tr>
<td></td>
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<td>ECON 102</td>
<td>MATH 120 or equivalent; ACT of 22 or SAT of 500 or Satisfactory scores on math Readiness exam or corequisite. Coreq: Math 126R or higher.</td>
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<td>ECON 103</td>
<td>ECON 102 or RECO 100; MATH 120 or equivalent; ACT of 22 or SAT of 500 or satisfactory score on math Readiness exam or corequisite.</td>
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<tr>
<td>Course</td>
<td>Coreq: MATH 126R or higher.</td>
<td>MATH 128 or MATH 176 or MATH 181</td>
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<td></td>
<td>Transfer agreements: No changes</td>
<td>Implementation: SP13</td>
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**COB MGT**

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<tr>
<th>484 109735</th>
<th>Change Lect/Lab to facilitate PS scheduling</th>
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**Approved:** verified the grading basis is S/U only in PS

**OLD:** MANAGEMENT INTERNSHIP (1+3 to 6) 2 to 3 S/U Only Credits

**NEW:** MANAGEMENT INTERNSHIP 2 to 3 S/U Only Credits

Transfer agreements: No changes
Implementation: SP13

| OK per Joe | NA |

**SCI MET**

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<thead>
<tr>
<th>101 114262</th>
<th>Change Lect/Lab</th>
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**Approved**

**OLD:** Introduction to Metallurgical Engineering I (2+0) 2 credits

**NEW:** Introduction to Metallurgical Engineering I (1+3) 2 credits

Transfer agreements: No changes
Implementation: FL12

| Jannet V approved 5/17/12 | NA |

**INFORMATIONAL ITEMS**

**PROPOSED CHANGES**

<table>
<thead>
<tr>
<th>CABNR</th>
<th>NRES</th>
<th>BS-EHY</th>
<th>Correction to rec schedule</th>
<th>Acknowledged</th>
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**RECOMMENDED SCHEDULE** Starting Fall of Odd Years

**First Year - Fall Semester (14 credits)**

- ENG 101--Composition I (3 credits)
- MATH 181--Calculus I (4 credits)
- CHEM 121A--General Chemistry I (3 credits)
- CHEM 121L--General Chemistry Laboratory I (1 credit)
- NRES 100--Principles of Natural Resources and Environmental Science (3 credits)

**First Year - Spring Semester (17 credits)**

- ENG 102--Composition II (3 credits)
- MATH 182--Calculus II (4 credits)
- CHEM 122A--General Chemistry II (3 credits)
- CHEM 122L--General Chemistry Laboratory II (1 credit)
- GEOL 100--Earthquakes, Volcanoes, and other Natural Hazards (3 credits)
- NRES 210--Environmental Pollution (3 credits)

**Second Year - Fall Semester (15 or 16 credits)**

- ECON 102--Principles of Microeconomics (3 credits)
  - CH 201--Ancient & Medieval Cultures (3 credits)
  - BIOL 190--Introduction to Cell and Molecular Biology (3 credits)
  - NRES 211--Conservation, Humans and Biodiversity (3 credits)
  - APST 270--Introduction to Statistical Methods OR
  - STAT 152--Introduction to Statistics OR

**Grad Council Approval / Core Board**

**CCN**
Second Year - Spring Semester (15 credits)

**MATH 352 / STAT 352**—Probability and Statistics (3-4 credits)

**CH 202**—The Modern World (3 credits)
**Biol 191**—Introduction to Organismal Biology (3 credits)
**Geog 210R**—Introduction to Geotechnology (3 credits)
**Phys 180**—Physics for Scientists and Engineers I (3 credits)
Core Fine Arts (3 credits)

Third Year - Fall Semester (15 credits)

**Biol 420**—Aquatic Ecology (3 credits)
**CH 203**—American Experiences and Constitutional Change (3 credits)
**Nres 295**—Principles of EcoHydrology (3 credits)
**Nres 322**—Soils (3 credits)

**Technical Electives (3 credits)**

**Nres 412**—Environmental Law (3 credits)
**Nres 414**—Hydrologic Fluid Dynamics (3 credits)
**Nres 484**—Limnology: Study of Inland Waters (3 credits)

Third Year - Spring Semester (16 credits)

**Ch 203**—American Experiences and Constitutional Change (3 credits)
**Nres 421**—Conservation Biology (3 credits)
**Biol 314**—Ecology and Population Biology (3 credits)
**Nres 440**—Wetland Ecology and Management (4 credits)

**Nres 482**—Small Watershed Hydrology (4 credits)
Technical Electives (3 credits) (5 credits)

Fourth Year - Fall Semester (15 credits)

**Biol 420**—Aquatic Ecology (3 credits)
**Ge 484**—Groundwater Hydrology (3 credits)
**Nres 400**—International Issues for Water Development (3 credits)
**Nres 412**—Environmental Law (3 credits)
**Nres 414**—Hydrologic Fluid Dynamics (3 credits)
**Nres 484**—Limnology: Study of Inland Waters (3 credits)
**Nres 482**—Small Watershed Hydrology (3 credits)
Electives (3 credits)

Fourth Year - Spring Semester (15 credits) (12 or 13 credits)

Capstone Elective (3 credits)

**Nres 421**—Conservation Biology (3 credits)
Technical Elective (3 credits) (3 credits)
General Electives (0-1 credits) (3 or 4 credits)

**RECOMMENDED SCHEDULE** Starting Fall of Even Years

First Year-Fall Semester (14 credits)

**Eng 101**—Composition I (3 credits)
**Math 181**—Calculus I (4 credits)
**Chem 121A**—General Chemistry I (3 credits)
**Chem 121L**—General Chemistry Laboratory I (1 credit)
**Nres 100**—Principles of Natural Resources and Environmental Science (3 credits)

First Year-Spring Semester (17 credits)

**Eng 102**—Composition II (3 credits)
<table>
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<tr>
<th>Course Code</th>
<th>Course Description</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MATH 182</td>
<td>Calculus II</td>
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<tr>
<td>CHEM 122A</td>
<td>General Chemistry II</td>
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<tr>
<td>CHEM 122L</td>
<td>General Chemistry Laboratory II</td>
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</tr>
<tr>
<td>GEOL 100</td>
<td>Earthquakes, Volcanoes, and other Natural Hazards</td>
<td>3</td>
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<tr>
<td>NRES 210</td>
<td>Environmental Pollution</td>
<td>3</td>
</tr>
</tbody>
</table>

**Second Year - Fall Semester (15 or 16 credits)**

- **ECON 102** – Principles of Microeconomics (3 credits)
- **NRES 211** – Conservation, Humans and Biodiversity (3 credits)
- **CH 201** – Foundations of Western Culture (3 credits)
- **APST 270** – Introduction to Statistical Methods OR **STAT 152** – Introduction to Statistics OR **MATH 352 / STAT 352** – Probability and Statistics (3-4 credits)
- **BIOL 190** – Introduction to Cell and Molecular Biology (3 credits)

**Second Year - Spring Semester (15 credits)**

- **CH 202** – The Modern World (3 credits)
- **BIOL 191** – Introduction to Organismal Biology (3 credits)
- **GEOG 210R** – Introduction to Geotechnology (3 credits)
- **PHYS 180** – Physics for Scientists and Engineers (3 credits)
- **Core Fine Arts** (3 credits)

**Third Year - Fall Semester (15 credits)**

- **BIOL 420** – Aquatic Ecology (odd years) (3 credits)
- **CH 203** – American Experience and Constitutional Change (3 credits)
- **NRES 295** – Principles of EcoHydrology (3 credits)
- **NRES 322** – Soils (3 credits)
- **NRES 400** – International Issues and Water Development (3 credits)

**Third Year - Spring Semester (13 credits)**

- **BIOL 314** – Ecology and Population Biology (3 credits)
- **NRES 440** – Wetland Ecology & Management (4 credits)
- **NRES 482** – Small Watershed Hydrology (4 credits)
- **Technical Electives (6 credits)** (5 credits)

**Fourth Year - Fall Semester (15 credits)**

- **GE 484** – Groundwater Hydrology (3 credits)
- **NRES 412** – Environmental Law (3 credits)
- **NRES 414** – Hydrologic Fluid Dynamics (3 credits)
- **NRES 482** – Small Watershed Hydrology (4 credits)
- **NRES 484** – Limnology: Study of Inland Waters (3 credits)
- **Technical Electives (3 credits)**

**Fourth Year - Spring Semester (14-12 credits)**

- **Capstone Elective (3 credits)**
- **NRES 421** – Conservation Biology (3 credits)
- **Technical Elective (3 credits)**
- **General Electives (0-1 credits)** (3 or 4 credits)

**Acknowledged**

OLD: ECONOMICS INTERNSHIP (1+3 to 6) 2 to 3 Credits

May 21, 2012
University Courses & Curricula Committee Minutes
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<table>
<thead>
<tr>
<th>Old Database to Match PS</th>
<th>New: <strong>ECONOMICS INTERNSHIP</strong> 2 to 3 Credits</th>
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<tr>
<td><strong>COB ENT</strong> 489 113875 Correcting Old Database to Match PS</td>
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<tr>
<td><strong>OLD</strong>: ENTREPRENEURSHIP INTERNSHIP (3+0) 3 Credits</td>
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<td>Implementation: FL12</td>
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<tr>
<td><strong>DHS MED</strong> Post-Bac Certificate Adjust Rec Schedule</td>
<td>Acknowledged; also removed references to 600 level courses as this program is not graduate level per Maureen’s conversation with Med School</td>
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<tr>
<td><strong>Recommended Schedule</strong></td>
<td></td>
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<tr>
<td><strong>First Year-Summer Semester</strong></td>
<td><strong>BIOL 450/650</strong> -- Special Topics (3 credits)</td>
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<td><strong>MCAT Prep Course</strong></td>
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<tr>
<td></td>
<td><strong>BCH 400/600</strong> -- Introductory Biochemistry (4 credits)</td>
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<td>If <strong>BCH 400/600</strong> has been completed prior to matriculation, students may select one of the available electives.</td>
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<td><strong>First Year-Fall Semester</strong></td>
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<td><strong>BCH 417/617</strong> -- Metabolic Regulation (3 credits)</td>
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<td><strong>BIOL 453/653</strong> -- Immunology (3 credits)</td>
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<td><strong>BIOL 454/654</strong> -- Genomic Conflict, Epigenetics, and Human Disease (3 credits)</td>
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<td><strong>BIOL 477/677</strong> -- Genes, Brain, and Behavior (3 credits)</td>
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<td><strong>First Year-Spring Semester</strong> (14 credits)</td>
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<td><strong>BIOL 405/605</strong> -- Molecular Biology (3 credits)</td>
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<td><strong>BIOL 406/606</strong> -- Molecular Biology Laboratory (3 credits)</td>
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<td><strong>PHAR 400/600</strong> -- Introduction to Human Pharmacology (3 credits)</td>
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<td><strong>MICR 700</strong> -- Biotechnology Today and Tomorrow (2 credits)</td>
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<td><strong>Second Year - Summer Semester</strong></td>
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