### Senate Action Approvals 2010-11

<table>
<thead>
<tr>
<th>Report and Date</th>
<th>Action</th>
<th>Approved by Senate</th>
<th>Referred to and Date:</th>
<th>Approved by VPAA</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PENDING: ITEMS CARRIED FORWARD TO 2010-11</strong></td>
<td>CUP Report of March 9, 2010: Create new courses: 1. EN 109 Intensive College Composition (4 cr) 2. EN 109W Intensive College Comp Workshop (1 cr)</td>
<td>3-23-10</td>
<td>Referred to EPC</td>
<td>5-2-11</td>
<td>Will be discussed at Fall 2010 EPC meeting. Provost Koch approved on 5-2-11</td>
</tr>
<tr>
<td>CEC Report of September 7, 2010</td>
<td>CEC Report of September 7, 2010 recommending replacements to fill terms on subcommittees of the Academic Senate.</td>
<td>9-7-10</td>
<td></td>
<td>9-20-10</td>
<td></td>
</tr>
</tbody>
</table>
d. Revise the Secondary Education English minor by:
i. Removing the following courses:
1. EN 200 Basic English Grammar and Usage for Teachers (2 cr.)
2. EN 404 The English Language (4 cr.)
ii. Adding EN 304 The Teaching of the English Language (4 cr.)
iii. Revising number of credits required for minor from 22-26 to 22-24

4. School of Education:
a. Revise the Elementary Education English major by:
i. Removing the following courses:
1. EN 200 Basic English Grammar and Usage for Teachers (2 cr.)
2. EN 404 The English Language (4 cr.)
ii. Adding EN 304 The Teaching of the English Language (4 cr.)
iii. Revising number of English electives required from 9 to 11
b. Revise the Elementary Education English minor by:
i. Removing the following courses:
1. EN 200 Basic English Grammar and Usage for Teachers (2 cr.)
2. EN 404 The English Language (4 cr.)
ii. Adding EN 304 The Teaching of the English Language (4 cr.)
iii. Revising number of English electives required from 2 to 4
c. Revise the Elementary Education Language Arts major by:
i. Removing EN 200 Basic English Grammar and Usage for Teachers (2 cr.)
ii. Adding EN 304 The Teaching of the English Language (4 cr.)
iii. Revising number of English electives required from 5 to 3
d. Revise the Elementary Education Language Arts minor by:
i. Removing EN 200 Basic English Grammar and Usage for Teachers (2 cr.)
ii. Adding EN 304 The Teaching of the English Language (4 cr.)
iii. Revising number of English electives required from 3 to 1
e. Revise the Elementary Education Reading minor by:
<table>
<thead>
<tr>
<th>CEC Report of October 5, 2010</th>
<th>A. The Committee on Elections and Committees (CEC) report of October 5, 2010 recommending replacements to fill terms on subcommittees of the Academic Senate.</th>
<th>10-5-10</th>
<th>10-18-10</th>
</tr>
</thead>
</table>
| CUP Report of September 21, 2010 | 1. Department of Health, Physical Education & Recreation:  
   i. Revise policy to allow HP credits to be repeated  
   ii. Create the following new courses:  
      1. HP 092 Senior Tai Chi (1 cr.)  
      2. HP 201A Ballet- Beginning (1 cr.)  
      3. HP 201B Ballet- Intermediate (1 cr.)  
      4. HP 203A Jazz Dance (1 cr.)  
      5. HP 203B Dance Performance Company (2 cr.)  
      6. HP 205B Hip Hop (1 cr.)  
      7. HP 205C Belly Dance (1 cr.)  
      8. HP 211 Fitness/Power Walking (1 cr.)  
      9. HP 214 Pilates (1 cr.)  
     10. HP 220A Judo- Beginning (1 cr.) | 10-5-10 | 10-18-10 |
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP 220B</td>
<td>Judo- Intermediate</td>
<td>1 cr.</td>
</tr>
<tr>
<td>HP 222C</td>
<td>Tai Chi- Sword</td>
<td>1 cr.</td>
</tr>
<tr>
<td>HP 225B</td>
<td>Yoga- Intermediate</td>
<td>1 cr.</td>
</tr>
<tr>
<td>HP 225C</td>
<td>Yoga- Pilates</td>
<td>1 cr.</td>
</tr>
<tr>
<td>HP 230B</td>
<td>Archery- Intermediate</td>
<td>1 cr.</td>
</tr>
<tr>
<td>HP 234</td>
<td>Triathlon</td>
<td>1 cr.</td>
</tr>
<tr>
<td>HP 236A</td>
<td>Fencing- Foil</td>
<td>1 cr.</td>
</tr>
<tr>
<td>HP 236B</td>
<td>Fencing- Saber</td>
<td>1 cr.</td>
</tr>
<tr>
<td>HP 245</td>
<td>Rugby</td>
<td>1 cr.</td>
</tr>
<tr>
<td>HP 272C</td>
<td>SCUBA- Rescue Diver</td>
<td>2 cr.</td>
</tr>
<tr>
<td>HP 218</td>
<td>Folk Dance</td>
<td>1 cr.</td>
</tr>
<tr>
<td>HP 226A</td>
<td>Modern Dance- Intermediate</td>
<td>1 cr.</td>
</tr>
<tr>
<td>HP 226B</td>
<td>Modern Dance- Intermediate</td>
<td>1 cr.</td>
</tr>
<tr>
<td>HP 235A</td>
<td>Country and Square Dancing</td>
<td>1 cr.</td>
</tr>
<tr>
<td>HP 235B</td>
<td>Ballroom and Latin Dancing</td>
<td>1 cr.</td>
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<tr>
<td>HP 235C</td>
<td>Swing and Salsa Dancing</td>
<td>1 cr.</td>
</tr>
<tr>
<td>HP 226C</td>
<td>Aerobics</td>
<td>1 cr.</td>
</tr>
<tr>
<td>HP 223A</td>
<td>Individually Prescribed Program</td>
<td>1 cr.</td>
</tr>
<tr>
<td>HP 224</td>
<td>Jogging</td>
<td>1 cr.</td>
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<tr>
<td>HP 260</td>
<td>Rape Aggression Defense Systems</td>
<td>1 cr.</td>
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<tr>
<td>HP 245</td>
<td>Weight Training and Conditioning- Beginning</td>
<td>1 cr.</td>
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<tr>
<td>HP 245A</td>
<td>Weight Training and Conditioning- Intermediate</td>
<td>1 cr.</td>
</tr>
<tr>
<td>HP 246</td>
<td>Karate</td>
<td>1 cr.</td>
</tr>
<tr>
<td>HP 259</td>
<td>Tai Chi- Beginning</td>
<td>1 cr.</td>
</tr>
<tr>
<td>HP 259A</td>
<td>Tai Chi- Intermediate</td>
<td>1 cr.</td>
</tr>
<tr>
<td>HP 247</td>
<td>Yoga- Beginning</td>
<td>1 cr.</td>
</tr>
<tr>
<td>HP 205</td>
<td>Archery</td>
<td>1 cr.</td>
</tr>
<tr>
<td>HP 209</td>
<td>Bicycling- Mountain</td>
<td>1 cr.</td>
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<tr>
<td>HP 211</td>
<td>Bowling</td>
<td>1 cr.</td>
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<tr>
<td>HP 219</td>
<td>Golf- Beginning</td>
<td>1 cr.</td>
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<tr>
<td>HP 207</td>
<td>Badminton</td>
<td>1 cr.</td>
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<tr>
<td>HP 229</td>
<td>Racquetball</td>
<td>1 cr.</td>
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<tr>
<td>HP 241</td>
<td>Tennis</td>
<td>1 cr.</td>
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<tr>
<td>HP 208</td>
<td>Basketball</td>
<td>1 cr.</td>
</tr>
<tr>
<td>HP 234</td>
<td>Soccer</td>
<td>1 cr.</td>
</tr>
<tr>
<td>HP 236</td>
<td>Softball</td>
<td>1 cr.</td>
</tr>
</tbody>
</table>
27. HP 244 Volleyball- Beginning (1 cr.) as HP 244A
28. HP 244A Volleyball- Intermediate (1 cr.) as HP 244B
29. HP 253 Adventure Based Learning (1 cr.) as HP 250
30. HP 206 Backpacking (1 cr.) as HP 251
31. HP 222 Hiking (1 cr.) as HP 252A
32. HP 227 Orienteering (1 cr.) as HP 252B
33. HP 238 Winter Camping (1 cr.) as HP 253
34. HP 249 Hunter Safety Education (1 cr.) as HP 254
35. HP 217 Fly and Bait Casting (1 cr.) as HP 255
36. HP 212 Flatwater Canoeing (1 cr.) as HP 256A
37. HP 212F Freestyle Canoeing (1 cr.) as HP 256B
38. HP 212S Solo Flatwater Canoeing (1 cr.) as HP 256C
39. HP 213 Sea Kayaking (1 cr.) as HP 257
40. HP 230 Rock Climbing (1 cr.) as HP 258A
41. HP 230A Rock Climbing- Intermediate (1 cr.) as HP 258B
42. HP 216 Skating- Beginning (1 cr.) as HP 260A
43. HP 216A Skating- Figure (1 cr.) as HP 260B
44. HP 228 Power Skating and Hockey (1 cr.) as HP 260C
45. HP 231 Skiing- Beginning Alpine (1 cr.) as HP 261A
46. HP 231A Skiing- Intermediate Alpine (1 cr.) as HP 261B
47. HP 231B Skiing- Cross Country (1 cr.) as HP 262
48. HP 232 Snowboarding- Beginning (1 cr.) as HP 263
49. HP 233 Snowshoeing (1 cr.) as HP 264
50. HP 239 Swimming- Beginning (1 cr.) as HP 270A
51. HP 239A Swimming- Intermediate (1 cr.) as HP 270B
52. HP 239B Swimming- Lifeguard Training (1 cr.) as HP 271A
53. HP 239C Swimming- WSI (1 cr.) as HP 271B

iv. Rename the following courses:
1. HP 090 Geriatric Swimming (1 cr.) as Senior Swimming
2. HP 091 Geriatric Exercise (1 cr.) as Senior Exercise
v. Rename and renumber the following courses:
1. HP 239D Swimming- SCUBA (1 cr.) to HP 272A SCUBA- Beginning
vi. Rename, renumber, and revise credit distribution for HP 239E Swimming- Advanced SCUBA (2 cr.) to HP 272B SCUBA- Advanced (1-0-2)
vii. Delete the following courses from the bulletin:
1. HP 216B Skating-Intermediate Figure (1 cr.)
2. HP 241A Tennis-Intermediate (1 cr.)
3. Department of History:
   a. Create a new course: HS 339 United States Immigration History: First Contact to the Present (4 cr.)
   b. Delete HS 353 The Finnish Immigrant Experience (4 cr.) from the bulletin.
4. Department of Physics:
   a. Revise the prerequisite for PH 201 College Physics I (5 cr.)

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<table>
<thead>
<tr>
<th>Senate Action of October 19, 2010</th>
<th>A. The granting of a posthumous degree for James A. McCoy, a student in the Department of Engineering Technology.</th>
<th>10-19-10</th>
<th>11-2-10</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEC Report of October 19, 2010</td>
<td>A. Replacements to fill terms on subcommittees of the Academic Senate.</td>
<td>10-19-10</td>
<td>11-2-10</td>
</tr>
</tbody>
</table>
| GPC Report of October 25, 2010  | 1. The approval of a curriculum revision proposed by the School of Education. This revision would:
   • Reorganize current courses that are all taught on-line into a new on-line program called the Master of Arts in Education: Instruction
   • Terminate the Master of Arts in Education: Elementary Education and Master of Arts in Education: Secondary Education programs.
   2. The approval of a graduate TESOL (Teaching of English to the Speakers of Other Languages) program and TESOL certification as described in the attached proposal submitted by the English Department.
   3. The approval of graduate credit for the following courses associated with the TESOL program and certification.
      i. EN 414 History of the English Language
      ii. EN 414/515 English Grammar and Usage
      iii. EN 416/516 Second Language Acquisition
      iv. EN 517 TESOL Methods and Materials
   4. Twelve faculty for graduate faculty status. | 10-19-10 | 11-2-10 |
| LSC report of November 2, 2010  | 1. Add HS/GR 311 and 311X, Central European Culture and Civilization to the list of courses fulfilling Division II, Foundations of Humanities for winter 2011. | 11-2-10 | 11-12-10 |
| CUP Report of October 19, 2010  | 1. Department of Communication and Performance Studies:
   i. Revise the prerequisite for ESPR 360 Publicity Techniques for Entertainment and Sports Promotion (4 cr.)
   2. Department of Engineering Technology: | 11-2-10 | 11-12-10 |
a. Revise the Electronics Engineering Technology major by adding TE 351 Humanity and Technology (4 cr.) as a required course
b. Revise the Industrial Technologies major by adding TE 351 Humanity and Technology (4 cr.) as a required course
c. Revise the Mechanical Engineering Technology major by adding TE 351 Humanity and Technology (4 cr.) as a required course
d. Create a Computer Numerical Control Technology minor
e. Remove the Manufacturing minor from the bulletin
f. Revise the contracted minor language in the bulletin
g. Rename, revise prerequisites, and revise the bulletin description for the following courses:
i. ET 410 Interfacing and Data Acquisition Techniques (3 cr.) as Testing and Data Acquisition Techniques
h. Revise the bulletin description for the following courses:
i. TE 351 Humanity and Technology (4 cr.)
ii. MET 200 Introduction to Alternative Energies (3 cr.)

i. Revise the prerequisites and bulletin description for the following courses:
i. MET 213 Materials Science I (3 cr.)
j. Revise the prerequisite for the following courses:
i. DD 203 Industrial Drawing and Design (4 cr.)
ii. ET 311 Applied Programmable Controllers (2 cr.)
iii. MET 310 Mechanics-Dynamics (3 cr.)
iv. MET 320 Mechanical Design (4 cr.)
v. MF 233 Numerical Control (4 cr.)
vi. MF 249 Advanced Machine Operations (4 cr.)

vii. MF 263 Advanced CNC Operations (4 cr.)

Senate Action on November 2, 2010
Approval of the December 2010 Preliminary Graduation List. 11-2-10  11-12-10

CUP Report of November 2, 2010
*Please note that item #1 has been excluded at this time.
2. Department of Chemistry:
a. Revise the prerequisites for the following courses:
i. CH 415 Inorganic Chemistry (4 cr.)
ii. CH 436 Modern Spectroscopy (3 cr.)
b. Revise the title, prerequisites and bulletin description for CH 437 Atomic Absorption Spectrometry (1 cr.) to Atomic Spectrometry (1 cr.)
3. Department of Clinical Sciences:
a. Change credits for the following courses:

11-16-10  11-23-10
<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11-16-10</td>
<td>GPC Report of November 2, 2010 *Item #1 (Theatre Track for the English Master of Arts program) is under further review from the Provost &amp; Vice President for Academic Affairs and is not approved at this time. 1-10-11</td>
</tr>
<tr>
<td>11-23-10</td>
<td>11-23-10 note exception of item #1.</td>
</tr>
<tr>
<td>3/31/11</td>
<td>*Item #1 (Theatre Track for the English Master of Arts program) is under further review from the Provost &amp; Vice President for Academic Affairs and is not approved at this time. Approved by Provost Susan Koch 3/31/11.</td>
</tr>
<tr>
<td>11-30-10</td>
<td>CUP Report of November 2, 2010 College of Business: a. Create the following new courses: i. MGT 216 Introduction to International Sustainable Entrepreneurship (4 cr.) ii. MGT 416 Advanced International Sustainable Entrepreneurship (4 cr.)</td>
</tr>
<tr>
<td>11-16-10</td>
<td>CUP Report of November 16, 2010 1. Department of Biology: a. Create the following new courses: i. BI 290 Fisheries and Wildlife Seminar (1 cr.) ii. BI 420 Neuroscience (4 cr.) iii. BI 489 Graduation Assessment for Biology Majors (0 cr.) 2. Department of Mathematics and Computer Science: a. Create the following new courses: i. MA 430 Introduction to Optimization (3 cr.) ii. MA 463 Real Analysis (3 cr.) iii. MA 467 Convex Analysis (3 cr.) 3. Department of Technology and Occupational Sciences: a. Create a Cosmetology Limited Instructor Certification b. Change credit hours for the following courses: i. HR 060 Theory of Cosmetology Fundamentals from 4 cr. to 1-4 cr. ii. HR 061 Theory of Cosmetology Supervision from 4 cr. to 1-4 cr. iii. HR 062 Theory of Cosmetology Administration from 2 cr. to 1-2 cr. iv. HR 063 Practice of Cosmetology Fundamentals</td>
</tr>
<tr>
<td>11-30-10</td>
<td>EPC on January 17, 2011.</td>
</tr>
<tr>
<td>1-10-11</td>
<td>Item 1b Creation of a new major in Fisheries and Wildlife Management is not approved at this time. Referred to EPC. Approved by Provost Susan Koch 3-31-11. Approved by the Board of Trustees on 4-29-11</td>
</tr>
<tr>
<td>Date</td>
<td>Event</td>
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</tbody>
</table>
| 11-30-10 | GPC report of November 30, 2010 | A. College of Business  
1. Change the number of credits required for an MBA from 40 to 36 credits  
2. Change credits for all courses in the MBA program from 4 credits to 3 credits;  
3. Allow students to take 6 credits of electives to meet the requirements of the MBA program.  

English Department  
1. Change the number of workshop credits from 16 to 12-16 credits.  
2. Change the number of thesis credits from 12 to 8-12 credits. The length requirement for the MFA thesis would remain the same.  
3. Change the number of elective/cognate requirements from 8 to a range of 8-16 credits and simplify the bulletin language describing the elective/cognate requirements.  

Changes in the bulletin language for EN 507, Advanced Writing Theory. Old language (strikeout) and new language are provided below.  

1. EN507 Bulletin Description (old):  
EN 507 Advanced Writing Theory 4 cr.  
A study of the major developments in writing theory which are most directly related to nonfiction and technical writing. Students investigate a variety of writing genres and theoretical means for better understanding those genres. This course provides a foundation for the kinds of writing graduate students will undertake in graduate writing workshops.  
2. EN507 Bulletin Description (new):  
EN 507 Advanced Writing Theory 4 cr.  
A study of the major developments in writing theory, particularly related to the online teaching, of nonfiction and technical writing. Students investigate a variety of writing genres and theoretical means for better understanding those genres. |

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Details</th>
</tr>
</thead>
</table>
| 11-30-10 | GPC report of November 30, 2010 | 12 faculty research grants deemed eligible for funding.  

FGC report of November 11, 2010  
HR 064 Practice of Cosmetology Supervision from 4 cr. to 1-4 cr.  

GPC report of November 30, 2010  
A. College of Business  
1. Change the number of credits required for an MBA from 40 to 36 credits  
2. Change credits for all courses in the MBA program from 4 credits to 3 credits;  
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English Department  
1. Change the number of workshop credits from 16 to 12-16 credits.  
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EN 507 Advanced Writing Theory 4 cr.  
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EN 507 Advanced Writing Theory 4 cr.  
A study of the major developments in writing theory, particularly related to the online teaching, of nonfiction and technical writing. Students investigate a variety of writing genres and theoretical means for better understanding those genres. |
<table>
<thead>
<tr>
<th><strong>Native American Studies</strong></th>
<th><strong>Education</strong></th>
<th><strong>Provost approves MA in Education: Education Administration: American Indian emphasis program with stipulation that the program must meet its projected enrollment targets by the end of two years.</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. NAS 486: American Indian Educational Law and Leadership, for graduate credit.</td>
<td>1. Approval of a new Master of Arts in Education: Education Administration: American Indian emphasis program <strong>with the stipulation that the program must meet its projected enrollment targets by the end of year two.</strong></td>
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<td></td>
<td>B. graduate faculty status for 36 faculty.</td>
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<tr>
<td><strong>LSC report of November 30, 2010</strong></td>
<td>1. Add NAS 212, Michigan/Wisconsin: Tribes, Treaties and Current Issues to courses meeting Division IV, Foundations of Social Sciences.</td>
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<tr>
<td></td>
<td>2. Add NAS 212, Michigan/Wisconsin: Tribes, Treaties and Current Issues to courses meeting World Cultures Credit.</td>
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<tr>
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<td>3. Add NAS 342: Indigenous Environmental Movements to Division IV, Foundations of Social Science</td>
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<tr>
<td></td>
<td>4. Add NAS 342: Indigenous Environmental Movements to courses meeting World Cultures Credit.</td>
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<tr>
<td><strong>AAPC report of January 18, 2011</strong></td>
<td>1. Changes in the entry and retention standards for the School of Education including: a) replacement of the Pre-Professional Skills Test (PPST) with passage of the Michigan Test for Teacher Certification (MTTC) Basic Skills test and b) increasing full admission requirements from 24 college credits to 28 credits.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. The New Selection Standards from the Department of Nursing.</td>
<td></td>
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<tr>
<td><strong>CUP Report of January 18, 2011</strong></td>
<td>Department of Sociology and Social Work</td>
<td></td>
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<tr>
<td></td>
<td>a. Delete the following courses: i. SO 111 Civil Life in Democratic Society (2 cr.)</td>
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<td></td>
<td>ii. SO 302 Life Cycle and Social Structure (4 cr.)</td>
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<td></td>
<td>iii. SO 412 Sociology of Education (4 cr.)</td>
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<td>iv. SO 432 Seminar on the Changing American Family (4 cr.)</td>
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<td>v. SO 472 Occupational Stress (4 cr.)</td>
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<td></td>
<td>b. Rename SO 362 Women, Men and Social Inequality to SO 362 Gender and Society</td>
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<td></td>
<td>c. Create a new course SO 100 Youth Culture in Transition (2 cr.)</td>
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</tr>
</tbody>
</table>
3. Center for Native American Studies  
a. Delete NAS 420 Issues of Representations within Native America (4 cr.) from the bulletin  
b. Create the following new courses:  
i. NAS 224 Native American Beadwork Styles (4 cr.)  
ii. NAS 414 First Nations Women (4 cr.)  
iii. NAS 486 American Indian Educational Law and Leadership (3 cr.)  
4. Department of Engineering Technology  
a. Create a new course TE 225 Technology and Sustainability in Non-Western Societies (4 cr.)  
5. Department of Geography  
a. Rename Department to “Earth, Environmental, and Geographical Sciences”  
b. Revise the Earth Science Major by:  
i. Increasing the number of credits of required courses in major from 44 to 44-45  
ii. Increasing the number of other required courses from 19 to 24  
iii. Moving AS 103 Observational and Solar System Astronomy (4 cr.) from required courses in major to Other required courses  
iv. Adding the following courses to required courses in major:  
   1. GC 100 Physical Geography (4 cr.)  
   2. GC 210 Earth Hazards (4 cr.)  
v. Moving the following courses from required course to choose one of the following with GC 202 Soils (4 cr.) and GC 370 Geomorphology (4 cr.):  
   1. GC 260 Minerals and Rocks (4 cr.)  
   2. GC 365 Historical Geology (4 cr.)  
vi. Moving GC 465 Hydrology (4 cr.) from choose one of the following to required course in major  
vii. Dropping the following courses from other required courses:  
   1. BI 111 Introductory Biology (4 cr.)  
viii. Adding the following to other required courses:  
   1. CH 112 General Chemistry II (5 cr.)  
   2. MA 161 Calculus I (4 cr.)  
ix. Adding the following courses to choose one from the following along with GC 335 Geographic Information Systems (4 cr.) and GC 425 Remote Sensing (4 cr.):  
   1. GC 285 Field Techniques (5 cr.)  
   2. GC 445 Advanced Aerial Photograph Interpretation and Photogrammetry (2 cr.)  
   3. GC 455 Digital Image Processing (2 cr.)
4. GC 492 Research in Water Science (4 cr.)
c. Revise the Environmental Science Major by:
i. Increasing the number of credits required in the core from 36 to 55-58 credits
ii. Decreasing the number of credits in the emphases from 27-30 to 16 (with no more than 12 credits from one prefix)
iii. Removing Environmental science electives 12-15 credits
iv. Removing Environmental Policy Emphasis
v. Changing number of credits required for degree from 128 to 127-130
vi. Adding the following courses to the core:
1. GC 235 Quantitative Methods (4 cr.)
2. MA 161 Calculus (5 cr.)
3. GC 489 Human Impact on the Environment (4 cr.)
to option with
GC 475 Environmental Impact Assessment (4 cr.)
vii. Moving the following courses from Environmental Science electives to core:
1. PH 201 College Physics I (5 cr.) or PH 220 Introductory Physics I (5 cr.)
viii. Moving GC 475 Environmental Impact Assessment (4 cr.) from Environmental Policy emphasis to core
ix. Dividing Biological Sciences Emphasis into two:
1. Natural Resources
   a. BI 240 Conservation Biology (4 cr.)
   b. BI 310 Ecology Theory and Methods (4 cr.)
   c. BI 442 Wildlife Management (4 cr.)
d. GC 401 Biogeography
2. Water Resources
   a. BI 411 Limnology (4 cr.)
   b. BI 441 Fisheries Management (4 cr.)
x. Adding courses to Natural Resources Emphasis
1. BI 305 Ecology of the Northern Forest (4 cr.)
2. BI 441 Fisheries Management (4 cr.)
3. EC 345 Environmental and Nat. Res. Economics (4 cr.)
4. GC 425 Remote Sensing (4 cr.)
5. GC 428 Spatial Analysis (4 cr.)
6. RE 277 Introduction to Wildland Firefighting (2 cr.)
7. RE 371 Protected Area Management (3 cr.)
8. SP 432 Environmental Communication (4 cr.)
xii. Adding courses to Water Resources Emphasis
1. BI 314 Introduction to Marine Biology (3 cr.)
1. CH 220 Introduction to Organic Chemistry (5 cr.) or CH 321 Organic Chemistry I (4 cr.) or CH 322 Organic Chemistry II (4 cr.)
2. GC 202 Soils (4 cr.)
xiv. Adding courses to Pollution Control and Remediation Emphasis
1. CH 435 Gas and Liquid Chromatography (2 cr.)
2. CH 450 Biochemistry I (4 cr.)
3. CH 452 Biochemistry II (4 cr.)
4. CH 454 Biochemical Techniques (4 cr.)
5. GC 385 Weather and Climate (4 cr.)
6. GC 425 Remote Sensing (4 cr.)
7. GC 428 Spatial Analysis (4 cr.)
xv. Creating Renewable Energy Emphasis
1. ET 221 Solar Power (3 cr.)
2. ET 222 Wind Power (3 cr.)
3. GC 385 Weather and Climate (4 cr.)
4. GC 425 Remote Sensing (4 cr.)
5. GC 428 Spatial Analysis (4 cr.)
6. MET 200 Introduction to Alternative Energies (3 cr.)
7. MET 230 Bioenergy (3 cr.)
8. PH 393 Experimental Instrumentation and Analysis (4 cr.)
xvi. Removing the following courses under Emphases
1. BI 402 Microbial Ecology (4 cr.)
d. Rename Environmental Conservation to Environmental Studies and Sustainability
e. Revise the Environmental Conservation Major by:
   i. Increasing the number of credits in required courses in major from 38 to 58
   ii. Adding the following courses:
      1. GC 164 Human Geography (4 cr.)
2. GC 220 Economic Geography (4 cr.)
3. GC 269 Introduction to Sustainability (4 cr.)
4. GC 310 Urban Geography (4 cr.)
5. GC 360 Population Geography (4 cr.)

iii. Moving GC 475 Environmental Impact Assessment (4 cr.) from required to choose 8 credits from

iv. Removing the following courses from the 4 credit choice:
1. GC 202 Soils (4 cr.)
2. GC 255 Physical Geology (4 cr.)
3. GC 370 Geomorphology (4 cr.)
4. GC 401 Biogeography (4 cr.)
5. GC 465 Hydrology (4 cr.)

v. Adding the following courses to choose 8 credits from the following:
1. AN 210 People, Culture and Nature (4 cr.)
2. AN 320 Native Peoples of North America (4 cr.)
3. RE 270 Outdoor Recreation Resources, Behavior and Values (3 cr.)
4. BC 415 Intercultural Communications (4 cr.)
5. EC 345 Environmental and Natural Resources Economics (4 cr.)
6. EC 410 Managerial Economics (4 cr.)
7. EC 420 Capitalism, Socialism, Democracy (4 cr.)
8. EC 425 International Economics (4 cr.)
9. EC 460 Economic Development (4 cr.)
10. GC 470 Environmental Ethics (4 cr.)
11. GC 475 Environmental Impact Assessment (4 cr.)
12. GC 491 Internship (2-6 cr.)
13. GC 300 Regional Studies: World Cultures (4 cr.) or study abroad
14. SP 432 Environmental Communication (4 cr.)
15. NAS 342 Indigenous Environmental Movements (4 cr.)
16. NAS 340 Kinomaage: Earth Shows Us the Way (4 cr.)
17. PS 206 International Relations (4 cr.)
18. PS 402 Political Economy (4 cr.)
19. PS 404 Politics of East and West Asia (4 cr.)
20. PS 415 Politics of American Foreign Policy (4 cr.)
21. SO 351 Social Change (4 cr.)

f. Rename Geographical Information Systems to Geomatics

g. Revise Geomatics (formerly Geographical Information Systems) by:
i. Increasing the number of credits required in the major from 46 to 62
ii. Removing minor or cluster minor (20 credits) required
iii. Reducing other required courses from 9 credits to 5
iv. Reducing electives from 12 to 8 credits
v. Moving GC 164 Human Geography (4 cr.) from Other required courses to required courses in major
vi. Removing the following courses from elective courses
   1. CIS 100 Computer Concepts (2 cr.)
   2. CIS 355 Web Applications Programming (4 cr.)
   3. CS 302 Unix System Administration (4 cr.)
   4. CS 470 Artificial Intelligence (4 cr.)
   5. GC 330 Planning Theory and Practice (2 cr.)
   6. MA 240 Discrete Mathematics (4 cr.)
   vii. Adding the following courses to elective courses
       1. AD 118 Introduction to Graphic Communication (4 cr.)
       2. CS 120A Accelerated Computer Science (4 cr.)
       3. CS 422 Algorithms Design and Analysis (4 cr.)
       4. CS 442 Advanced Networking (4 cr.)
       5. DD 100 Technical Drafting with Introduction to CAD (4 cr.)
       6. DD 110 CAD Productivity and Customization (4 cr.)
   viii. Adding the following courses to required courses
       1. ENV 101 Environmental Science (4 cr.)
       2. CIS 220 Network Concepts (2 cr.)
       3. CIS 250 Systems Analysis and Design (4 cr.)
       4. GC 489 Human Impact (4 cr.)
   h. Suspend the following majors:
      i. Physical Geography
      ii. Human Geography
      i. Create a new course GC 269 Introduction to Sustainability (4 cr.)
   6. Department of Economics
      a. Renumber EC 435 Law and Economics to EC 330
      b. Renumber EC 455 Economics of Regulation and Antitrust to EC 363
      c. Renumber EC 420 Capitalism, Socialism and Democracy Economics to EC 340
   7. Department of Health, Physical Education, and Recreation
      a. Rename and revise bulletin description for RE 356 Wilderness Education Association Wilderness

Provost Koch approves program deletion. Board of Trustees approval 4-29-11.
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| CUP report of January 18, 2011 | 2. Department of Modern Languages and Literatures  
   a. Create the following courses:  
      i. IP 190 Introduction to International Studies (4 cr.)  
      ii. IP 290 Global Engagement (1 cr.)  
   b. Revise the bulletin description for IP 490 International Studies Seminar and reduce the number of credits from 4 to 3  
   c. Revise the International Studies major by:  
      i. Adding the following courses:  
         1. IP 190 Introduction to International Studies (4 cr.)  
         2. IP 290 Global Engagement (1 cr.)  
      ii. Removing AN 100 Introduction to Socio-Cultural Anthropology (4 cr.) or BC 415 Intercultural Communication (4 cr.) and HS 105 World History (4 cr.) from core  
      iii. Adding PS 299 Model U.N. (2 cr.) as an “or” option along with PS 203 Comparative Government (4 cr.) or PS 206 International Relations (4 cr.)  
      iv. Creating Regional Concentrations  
         1. Non-regional  
         2. Africa  
         3. Asia  
         4. Europe  
         5. Latin America  
         6. Middle East  
   d. Revise the International Studies minor by:  
      i. Reducing core credit requirements from 16 to 9  
      ii. Adding the following courses:  
         1. IP 190 Introduction to International Studies (4 cr.)  
         2. IP 290 Global Engagement (1 cr.) | 3-8-11 | 4-1-11 |
| LSC report of February 15, 2011 | **(Please note: Items 1-4 have been sent back to the LSC for review)**  
   5: Add SO 362 Men, Women and Social Inequality to Division IV – Foundations of Social Sciences | 3-8-11 | 4-1-11 |
| Academic Senate meeting of March 22, 2011 | Approval of the 4 April 2011 graduation list | 3-22-11 | 4-11-11 |
| CUP report of March 22, 2011 | 1. Department of English  
   a. Renumber, rename and change the prerequisite for EN 207 Journalism News and Reporting as EN 217 Newspaper Writing and Reporting | 4-5-11 | 4-22-11 |
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| 2.05.11   | 2. Department of Health Physical Education and Recreation  
|           | a. Remove the following courses as options in the Community Health Education major:  
|           | i. HL 230 Fitness Leadership (2 cr.)  
|           | ii. HL 471 Exercise Specialization in Adult Fitness and Cardiac Rehabilitation (2 cr.)  
|           | iii. HL 472 Health and Exercise Leadership Skills (2 cr.)  
|           | b. Remove the following courses as options in the Health and Nutrition minor:  
|           | i. HL 230 Fitness Leadership (2 cr.)  
|           | ii. HL 471 Exercise Specialization in Adult Fitness and Cardiac Rehabilitation (2 cr.)  
|           | iii. HL 472 Health and Exercise Leadership Skills (2 cr.)  
| 4-19-11   | CEC report of April 19, 2011  
|           | A. The Committee on Elections and Committees (CEC) report of April 19, 2011 recommending assignments to fill Academic Senate standing Committees for the 2011-2012 academic year.  
|           | 4-19-11 4-26-11  
| 4-19-11   | CUP report of April 19, 2011  
|           | 1. Department of Mathematics and Computer Science  
|           | i. Create a new course: CS 342 Game Programming (4 cr.)  
|           | 4-19-11 4-26-11  
| 4-19-11   | Senate Exec recommendations of April 5, 2011  
|           | 1. Article 1 (Authority and Purpose), Section 1.2, of the Academic Senate Bylaws be amended by changing the title “Vice-President for Academic Affairs” to “Provost and Vice President for Academic Affairs.” In addition, this title should be changed in all other sections of the Academic Senate Bylaws in order to be consistent throughout the Academic Senate Bylaws.  
|           | 2. Article 2 (Membership), Section 2.1., be amended as follows:  
|           | 2.1 The Academic Senate shall be composed as follows: One (1) faculty member from each department, two (2) from departments of twenty (20) or more, selected elected by the faculty of that department; the deans of the colleges; one (1) department head from each college; the Dean of Academic Information Services; and four (4) students appointed by ASNNU. The Provost and Vice President for Academic Affairs and an AAUP and MEA liaison shall serve in an ex officio, nonvoting capacity. Members of the Academic Senate shall have at least three (3) years at Northern Michigan |
University, if possible. Students may be appointed to appropriate committees of the Academic Senate.

3. Article 4 (Officers of the Senate), Section 4.1, be amended as follows:
4.1 At its organizational meeting, the incoming Senate elect from its faculty membership, a Chair, Vice-Chair, Secretary, and at-large members of the Executive Committee. Election of officers and other Executive Committee members shall be by plurality.

4. Article 5 (Executive Committee of the Senate), Section 5.1, be amended as follows:
5.1 The Executive Committee of the Senate shall consist of nine (9) members: The Chair, Vice-Chair, Secretary, Past Chair of the Senate, other members elected by the Senate from among its faculty members, and others as specified by the Agreement.