UNIVERSITY CURRICULUM COMMITTEE
2013-14 Meeting #10, November 11, 2013

Present: Max Cowan, Gail Eckwright, Annette Folwell (Chair), Rodney Frey, Lynne Haagensen, Tim Johnson, Joe Law, Jon Miller, Kathleen Monks, Tim Prather, Jeanne Stevenson, Kerri Vierling, Matt Wappett.
Absent: Nancy Krogh, Ashley Morehouse, Tess Wolfenson.
Others Present: Jie Chen, Larry Forney, Alecia Hoene, Dwaine Hubbard, Jerry McMurtry, Dean Panttaja, Charles Tibbals, Greg Turner-Rahman.

Call to order: A quorum being present, the chair called the meeting to order at 3:29 p.m. in the SUB Cataldo room. The minutes of the November 4th, 2013 meeting were approved.

Other Business:

Old Business:

New Business:

UCC-14-035 College of Art and Architecture

Art and Architecture: It was motioned and seconded to approve of the proposed changes to Art and Architecture. Committee member Haagensen reviewed the proposed changes. Committee member Frey asked if any of the listed capstone courses would become senior experience courses. Haagensen asked for clarification on which disciplines would be acceptable for the graduate program. Greg Turner-Rahman indicated that students would need to choose two disciplines within the College of Art and Architecture and one discipline outside of it. This statement lead to some changes being made in item 4 of the proposed changes. Hearing no further questions the motion to approve the proposed changes passed unanimously.

1. Add the following courses (Effective: Summer 2014)

   ID 410 Capstone Proposal Development (1 cr)
   Capstone Studio proposal development requiring systematic approach to the development of project proposal in preparation for ID 452. 8 week course/1 credit hour course.
   Coreq: ID 451

   VTD 444 Other Media (3 cr)
   Exploration of new or emerging technologies including but not limited to software and various hardware devices. The focus is on the communicative, affective, and interactive possibilities of the technology and their application within research or creative production.
   Prereq: Permission

2. Change the following courses (Effective: Summer 2014)

   Art 216 Digital Tools (3 cr)
   Introduction to professional design, development, and production workflows related to various aspects of digital design. Demos and lectures cover various industry standard design software. Two 2-hr studios a week and assigned work. Introduction to professional design/development, and production workflows for web and print delivery. Introduction to industry standard applications and various Open Source tools. Exploring design sustainability by designing once and delivering via various technologies. Two 2-hr studios a week and assigned work.
   Prereq: Art 110 and Art 121; or Permission

   Art 271 Interaction Design I (3 cr)
   Introduction to technical and aesthetic concepts of interaction design, including user based interaction, design methodologies and standards based practices for the Web and other interactive media. Preparation of basic media assets (graphics, video, animation and sound) for interactive delivery. Introduction to basic design methodologies: structured versus unstructured projects, project brief, personas, scenarios, flowcharting, storyboarding and production and development and production project workflows. Introduction to interactive design methodologies, including usability strategies and best practices for interaction design. Various industry standard software and Open Source Tools will be introduced. Relevant industry standard programming languages will be covered throughout semester. Exercises and projects assigned will address production project workflows including: project proposal, mind mapping, wireframes & flowcharts, layout design, and technical development. Recommended Preparation: Basic knowledge of digital design software or Art 216 (strongly recommended).

   Art 272 Interaction Design II (3 cr)
   Intermediate interaction design. Self-initiated interactive design projects using industry standard methodologies and practices, to include pre-design project analysis and description, design development and production, introduction to information design concepts and practices and to various technologies for providing user based interaction: scripting, Flash, and databases, etc. Readings in current design issues and industry trends. Introduction to time-based (narrative) design strategies and how they are utilized as tools
of communication in interaction design. Analysis of various case studies that use narrative story telling as a means to communicate information. Industry standard Digital Design and Motion Design software will be introduced. Demos and topic discussion including a wide variety of time-based mediums (video, animation, motion design, stop-motion). Recommended Preparation: Basic knowledge of digital design software or Art 216 (strongly recommended).

Prereq: Art 271 or Permission

Art 370 Intermediate/Advanced Interaction Design (3 cr, max 9)
Advance analysis of both design and development techniques, and strategies used in various interactive mediums. Relevant industry standard programming languages will be introduced throughout semester. Discussions, exercises and projects assigned will address interactive design best practices, trends and current industry standards. Advanced interaction design projects. Individual and small team design projects. Emphasis on team dynamics, project analysis and description, development and production. Focus on interactive information design projects, project management and production. Readings and assigned writings focus on current design industry issues, practices, trends and methodologies.

Prereq: Art 271 or Art 272, or Permission

Recommended Short Course Title: Int/AdvInteraction Design

ID 152 Interior Design I (2-3 cr)
Study of the relationship of design theories to the interior environment; exploration, through a variety of media, of the elements and principles of design, with emphasis on spatial relationships and color theory. Focus of design problems is residential design and small-scale contract design. Attendance at outside events; some class critique sessions outside of scheduled hours at student expense.

Prereq: Arch 154 and ID 151; or Permission
Coreq: Arch 154

ID 351 Interior Design III (4-6 cr)
Sequence of advanced residential and small scale contract design projects requiring integration of design theories and process in relationship to critical problem solving. Emphasis on formation of interior spaces to correspond to function and flow patterns. Nine hours of studio a week; field trips reqd at student expense; some class jury sessions outside of scheduled hours.

Prereq: ID 152 and 254 or Permission

ID 352 Interior Design IV (4-6 cr)
Sequence of large scale contract and other design problems requiring application of expanded design process including problem identification, analysis, program development, conceptual and design development and solution presentation. Implementation of lighting, codes, systems furniture, and interior specifications in the design process. Nine hours of studio a week; field trips required at student expense; some class jury sessions outside of scheduled hours.

Prereq: ID 351

ID 451 Interior Design V (5-6 cr)
Advanced problems in mixed use contract interior design requiring synthesis of related course work into comprehensive design resolution that communicates design impact on sense of place and place making; projects will seek to refine the design decision making process by requiring in-depth programming, client participation, and development beyond schematic phases, e.g., integration of building systems, lighting design, interdisciplinary investigation, and understanding of cultural/environmental context. Nine hrs of studio a wk and assigned work; field trips reqd at student expense; some class jury sessions will meet outside of scheduled hours.

Recommended Preparation: VTD 244, Arch 244, ID 386, and ID 443.

Prereq: ID 352

ID 452 Interior Design VI (5-6 cr)
Capstone studio course featuring advanced applications of design theories and processes focusing on complex design issues, synthesis and implementation of previous course work in appropriate student selected project, from the initial programming through the final complete design documentation and presentation. Nine hrs of studio a wk and assigned work; field trips required at student expense; some class jury sessions will meet outside of scheduled hours.

Prereq: ID 410 and ID 451

VTD 457 Capstone Design Studio I (3-6 cr)
Sequential contract courses built around the collective content of five interdisciplinary clusters; research, design & implementation of comprehensive virtual design project. Three 4-3 hr studios a wk and associated work.

Prereq: VTD 356

VTD 458 Capstone Design Studio II (3-6 cr)
Sequential contract courses built around the collective content of five interdisciplinary clusters; research, design & implementation of comprehensive virtual design project. Three 4-3 hr studios a wk and associated work.

Prereq: VTD 457

Change the curricular requirements of Interior Design (B.I.D.) [Effective: Summer 2014]
Arch 151  Introduction to the Built Environment (2 cr)
Arch 154  Introduction to Architectural Graphics (3 cr)
Arch 243  Digital Design Tools for Architecture and Interior Design
          (2 cr)
Arch 244  Computer Aided Drafting and Modeling (2 cr)
Arch 253  Architectural Design I (3 cr)
Arch 266  Materials and Methods (3 cr)
Arch 385  History of Architecture I (3 cr)
Arch 386  History of Architecture II (3 cr)
Arch 463  Environmental Control Systems I (3 cr)
Arch 463L Environmental Control Systems I Lab (1 cr)
Arch 464  Environmental Control Systems II (3 cr)
Arch 464L Environmental Control Systems II Lab (1 cr)
Art 110  Integrated Art and Design Communication (2 cr)
Art 112  Drawing as Integrated Design Thinking (2 cr)
Art 121  Integrated Design Process (2 cr)
ID 151  Introduction to Interior Design (3 cr)
ID 152  Interior Design I (2 cr)
ID 254  Architectural Design II (4 cr)
ID 281  History of Interiors I (3 cr)
ID 282  History of Interiors II (3 cr)
ID 332  Furniture Design and Construction (3 cr)
ID 351  Interior Design III (5 cr)
ID 352  Interior Design IV (5 cr)
ID 368  Materials and Specifications (3 cr)
ID 404  Special Topics (2 cr)
ID 443  Universal Design (3 cr)
ID 451  Interior Design V (5 cr)
ID 452  Interior Design VI (5 cr)
Arch 475  Professional Practice (3 cr)

Courses to total 128-127 credits for this degree (including 4-63 cr from a list of advisor-directed electives)

4. Change the curricular requirements of Integrated Architecture and Design (M.S.) [Effective: Summer 2014]

Master of Science. Major in Integrated Architecture and Design. The Master of Science offers a research program open to candidates who hold a non-professional degree in any design discipline and/or who hold a professional degree in architecture (B.S.Arch. or M.Arch.), B.S.Arch., or other degree holders who desire to embark on a career in architectural consulting, research, and/or scholarship. The program is designed for independent study within one or more of the following areas of specialization: Computing and Visualization, Environment and Behavior, Urban Design, Community Design and Planning, Universal Design, Landscape Design, Media Design, and Sustainable Architecture and Planning. Graduate students work closely with their graduate committee to develop a program of study that borrows from three disciplines within the College of Architecture and Architecture as well as studies with other programs throughout the university. Acceptance into the program is contingent on the Graduate Program Committee’s review of the candidate’s statement of intent describing the area of specialization in which the candidate will focus, three letters of recommendation, and a portfolio. The Graduate School requires a completed application, university transcripts, a resume, and an official TOEFL score, when appropriate. Prospective students are encouraged to first correspond with the Chair of the Graduate Program about their interests. The chair will then direct the applicant to further sources if needed. The M.S. degree with a major in Integrated Architecture and Design requires the completion of 30 credits of course work in either a thesis or non-thesis (project-based) option. The M.S. degree requires the completion of 30 credits of course work including a research thesis: Arch 520 Architectural Research Methods (3 cr), Arch 510 Graduate Seminar (3 cr), 16 credits of electives, and 8 credits for the research thesis.

Thesis option:
Arch 500  Master's Research and Thesis (8-10 cr)
Arch 520  Architectural Research Methods (3 cr)
Graduate Seminars in three disciplines (Two disciplines from within the College of Architecture and Architecture and one discipline from outside the college) (12 cr)
Electives (5-7 cr)

Non-thesis option:
Graduate Studios (12 cr)
Graduate Seminars in three disciplines (Two disciplines from within the College of Architecture and Architecture and one discipline from outside the college) (12 cr)
Electives (6 cr)

5. Change the curricular requirements of Art (B.A.) [Effective: Summer 2014]

... 200-level studio courses selected from the following (students pursuing a studio emphasis in graphic design must include Art 222; and interaction design majors must include Art 272) (15-18 cr):
Art 211  Drawing III (3 cr)
Art 216  Digital Tools (3 cr)
Art 221  Introduction to Graphic Design (3 cr)
Art 222  Introduction to Typography (3 cr)
Art 231  Painting I (3 cr)
Art 241  Sculpture I (3 cr)
Art 251  Printmaking I (3 cr)
Art 261  Ceramics I (3 cr)
Art 271-272  Interaction Design I-II (3 cr)
Art 280  Understanding Photography (3 cr)

300-level studio courses selected from the following (at least 6 cr must be taken in one studio area, i.e., Art 330, no more than 6 cr in one studio area may be counted toward this requirement) (15 cr):
Art 321  Graphic Design Concepts (3 cr, max 6)
Art 322  Graphic Design Studio (3 cr, max 6)
Art 330  Intermediate/Advanced Painting (3 cr, max 9)
Art 340  Intermediate/Advanced Sculpture (3 cr, max 9)
Art 350  Intermediate/Advanced Printmaking (3 cr, max 9)
Art 370  Advanced Interaction Design (3 cr, max 9)
Art 380  Digital Imaging (3 cr)
Art 390  Mixed Media (3 cr, max 9)
Art 491  Information Design (3 cr, max 9)

Courses to total 120 credits for this degree

6. Change the curricular requirements of Art Education (B.S. Art Ed.) [Effective: Summer 2014]

... Art 410  Professional Practices (2 cr)
EDCI 201  Contexts of Education (2 cr)
EDCI 301  Learning, Development, and Assessment (3 cr)
EDCI 302  Teaching Culturally Diverse Learners (4 cr)
EDCI 401  Internship Seminar (1 cr)
EDCI 410  Technology, Teaching and Learning (2 cr)
EDCI 436  Secondary Art Methods (3 cr)
EDCI 446  Secondary Art Practicum (1 cr)
EDCI 453  Phonics, Phonological Awareness, Fluency, and Assessment (1 cr)
EDCI 463  Literacy Methods for Content Learning (3 cr)
EDCI 485  Secondary Internship (7-15 cr)
EDSP 300  Educating for Exceptionalities (2 cr)

200-level studio courses selected from the following (students pursuing a studio emphasis in graphic design must include Art 222; and interaction design majors must include Art 272) (15 cr):
Art 211  Drawing III (3 cr)
Art 216  Digital Tools (3 cr)
Art 221  Introduction to Graphic Design (3 cr)
Art 222  Introduction to Typography (3 cr)
Art 231  Painting I (3 cr)
Art 241  Sculpture I (3 cr)
Art 251  Printmaking I (3 cr)
Art 261  Ceramics I (3 cr)
Art 271-272  Interaction Design I-II (3 cr)
Art 280  Understanding Photography (3 cr)

300-level studio courses selected from the following (at least 6 cr must be taken in one studio area, i.e., Art 330, no more than 6 cr in one studio area may be counted toward this requirement) (15 cr):
Art 321  Graphic Design Concepts (3 cr, max 6)
Art 322  Graphic Design Studio (3 cr, max 6)
Art 330  Intermediate/Advanced Painting (3 cr, max 9)
Art 340  Intermediate/Advanced Sculpture (3 cr, max 9)
Art 350  Intermediate/Advanced Printmaking (3 cr, max 9)
Art 370  Advanced Interaction Design (3 cr, max 9)
Art 380  Digital Imaging (3 cr)
Art 390  Mixed Media (3 cr, max 9)
Art 491  Information Design (3 cr, max 9)
Advisor Approved electives in art/design history/theory (9 cr)

Courses to total 120 credits for this degree

7. Change the curricular requirements of Studio Art and Design (B.F.A.) [Effective: Summer 2014]

...
Art 303 Contemporary Art and Theory (3 cr)
Art 407 New Media (3 cr)
Art 410 Professional Practices (2 cr)
Art 490 BFA Art/Design Studio (12 cr)
Art 495 BFA Senior Thesis (4 cr)

Art History Electives selected with advisor approval (6 cr):
Art 205 Visual Culture (3 cr)
Art 208 Italian Renaissance Art and Culture (3 cr)
Art 213 History and Theory of Modern Design I (3 cr)
Art 302 Modern Art and Theory (3 cr)
Art 313 History and Theory of Modern Design II (3 cr)
Art 323 History of Typography (3 cr)
Art 382 History of Photography (3 cr)
Art 409 Visual Studies (3 cr)

200-level studio courses selected from the following (15 cr):
Art 211 Drawing III (3 cr)
Art 216 Digital Tools (3 cr)
Art 221 Introduction to Graphic Design (3 cr)
Art 222 Introduction to Typography (3 cr)
Art 231 Painting I (3 cr)
Art 241 Sculpture I (3 cr)
Art 251 Printmaking I (3 cr)
Art 261 Ceramics I (3 cr)
Art 271-272 Interaction Design I-II (3 cr)
Art 280 Understanding Photography (3 cr)

300-400 level studio courses selected from the following (at least 6 cr must be taken in one studio area, i.e., Art 330, no more than 6 cr in one studio area may be counted toward this requirement) (15 cr):
Art 321 Graphic Design Concepts (3 cr, max 6)
Art 322 Graphic Design Studio (3 cr, max 6)
Art 330 Intermediate/Advanced Painting (3 cr, max 9)
Art 340 Intermediate/Advanced Sculpture (3 cr, max 9)
Art 350 Intermediate/Advanced Printmaking (3 cr, max 9)
Art 370 Advanced Interaction Design (3 cr, max 9)
Art 380 Digital Imaging (3 cr)
Art 390 Mixed Media (3 cr, max 6)
Art 491 Information Design (3 cr, max 9)

Courses to total 120 credits for this degree

No more than a combined total of 9 credits of the following courses may be applied toward a B.F.A. degree: Art 404, 488, 497, 498, and 499.

8. Change the curricular requirements of Virtual Technology and Design (B.S.) [Effective: Summer 2014]
1. Change the curricular requirements of Biology; and Microbiology, Molecular Biology and Biochemistry (M.S. and Ph.D.) [Effective: Summer 2014]

Candidates must fulfill the requirements of the College of Graduate Studies and of the Department of Biological Sciences. See the College of Graduate Studies section for the general requirements applicable to each degree and the Department of Biological Sciences Graduate Student Handbook for required courses and procedures.

Master of Science. Major in biology/Biology or Microbiology, Molecular Biology and Biochemistry. The M.S. program emphasizes research including, but not limited to the departmental and multidisciplinary areas described above. Admission is based upon the compatibility of the student's research interests with the areas of concentration offered by the department and the availability of a faculty member to be the student's mentor. An incoming student arranges a formal graduate program of at least 30 semester hours in consultation with his or her major professor and graduate committee. A laboratory research based thesis is required.

Seamless Bachelor of Science/Master of Science, MMBB Program. Thesis and non-thesis options are offered. The seamless B.S./M.S. degree program in microbiology, molecular biology, and biochemistry enables qualified students to pursue the M.S. degree before completion of a B.S. degree in either microbiology, biochemistry or molecular biology/biotechnology. The classical B.S. degree from MMBB is typically completed by the fourth year of undergraduate training and will continue to be the route selected by most students. However, students accepted into the seamless program may work toward completion of both the B.S. and M.S. requirements during their fourth and fifth years or additional years if necessary. Successful students will receive both degrees upon completion of their studies. Provided that adequate academic and research progress is achieved, some students could complete the requirements for both the B.S. and M.S. in five years. Requirements for completion of the B.S. and M.S. degrees through the seamless program, and qualifications of graduates, are expected to be identical to those earning the degrees through the conventional path in which the two degrees are earned sequentially. Students interested in this program should discuss their options with their academic advisors. Identification of a graduate advisor plus formal application and acceptance to the MMBB graduate program and the College of Graduate Studies must be completed before the beginning of the fourth year. Once accepted, students must work toward completing the requirements for both degrees under the supervision of their graduate advisors and graduate committees in accordance with departmental and university guidelines. In regard to official standing within the university, students in the seamless program are classified as graduate students during their fourth and fifth years.

Master of Science. Program in MMBB. Thesis and non-thesis options are offered. The M.S. degree may be earned in microbiology, molecular biology, and biochemistry. An incoming student arranges a formal graduate program of at least 30 semester hours in consultation with his or her major professor and graduate committee. Students must take MMBB 599 during the fall and spring of the first year and take MMBB 541 for 1 credit every year. The student is also expected to include MMBB 501 (seminar) each semester. One semester of teaching is required and is obtained through participation in the department's teaching programs. Students are required to pass the core courses MMBB 541, MMBB 542, and either MMBB 585 or MMBB 587. The final exam for MMBB 589 serves as the qualifying exam and is given in May of the first year. A master's candidate prepares a written thesis documenting completion of a laboratory research program. The thesis must be approved by the student's major professor and supervising committee and be defended during an oral examination. Publication of data from the thesis in the peer-reviewed literature is expected.

Master of Science. Major in Microbiology, Molecular Biology and Biochemistry (non-thesis option). This degree option has the same course credit requirements as the Master of Science thesis option except that students pursuing the non-thesis option enroll in MMBB 599 Non-thesis Master's Research rather than MMBB 500 Master's Research and Thesis. Instead of a laboratory research-based thesis the student must submit a final report on a suitable subject that has been approved by the student's advisor and the Department Chair. The report should be prepared in the format of a publishable review article.
Doctor of Philosophy. Major in Biology, Biology or Microbiology, Molecular Biology, and Biochemistry. The Ph.D. program emphasizes research including, but not limited to the departmental and multidisciplinary area described above. In addition to the requirements listed above, admission is based upon the compatibility of the student's research interests with the areas of concentration offered by the department, and the availability of a faculty member to be the student's mentor. A doctoral student develops a graduate program of at least 78 semester hours in consultation with his or her major professor and graduate committee. A laboratory research based thesis is required.

Doctor of Philosophy. Major in Microbiology, Molecular Biology, and Biochemistry. The Ph.D. degree may be earned in microbiology, molecular biology, and biochemistry. A doctoral student develops a graduate program of at least 78 semester hours in consultation with his or her major professor and graduate committee. Students must take MMBB 589 during the fall and spring of the first year. The final exam for MMBB 589 serves as the qualifying exam and is given in May of the first year. Defense of a formal research proposal is required during the second year as part of the preliminary exam. The student is also expected to take MMBB 511 every year and enroll in 501 (seminar) each semester, with active participation in the form of one or more seminar presentations during the course of his or her graduate career. Students are required to pass the core courses MMBB 541, MMBB 542, and either MMBB 585 or MMBB 587. Two semesters of participation in the department's teaching programs are required. A preliminary examination is required in year two prior to admission to final candidacy for the degree. All candidates prepare a formal dissertation reflecting original thought and independent laboratory investigation and defend it during an oral presentation as a final step toward their degree. Publication of data from the dissertation in the peer-reviewed, scientific literature is expected.

Physics: It was motioned and seconded to approve of the proposed changes to Physics. Committee member Johnson reviewed the proposed changes. Hearing no questions the motion to approve the proposed changes passed unanimously.

1. Change the curricular requirements of Physics (Ph.D.) [Effective: Summer 2014]

   Doctor of Philosophy. Major in Physics. General Ph.D. requirements apply. Correspondence concerning the student's specific goals is encouraged in the preliminary planning of the Ph.D. program.

   Specific departmental course requirements are: Phys 501 (2 cr), Phys 511, Phys 521, Phys 533, Phys 541, Phys 542, Phys 550, Phys 551, Phys 571, and at least nine additional semester-hours of physics courses at the 500 level. A typical study plan would include 40 to 50 credits of course work at the 500 level in physics and about 30 credits in research and thesis. The study plan also would include at least six units of upper-division or graduate course work outside of physics. The nature and number of these additional units will depend upon the professional goals of the individual student. In planning a program, the student should consult with the departmental Academic Standards Committee for approval of any particular choice of non-physics course work. The Ph.D. degree in physics is primarily a recognition of ability and accomplishment in research. The purpose of the course work is to provide the factual and theoretical background for research. Successful completion of course work is not in itself considered as completion of the major requirement for the degree.

   ...
Sociology and Anthropology: It was motioned and seconded to approve of the proposed changes to Sociology and Anthropology. Committee member Frey reviewed the proposed changes. Committee member Prather asked for clarification regarding the second note in the proposed changes. Hearing no further questions the motion to approve the proposed changes passed unanimously.

1. Change the curricular requirements of Anthropology (M.A.) [Effective: Summer 2014]

   **Master of Arts, Major in Anthropology.** Candidates must fulfill the requirements of the College of Graduate Studies and of the Department of Sociology & Anthropology. See the College of Graduate Studies section for the general requirements applicable to each M.A. degree.

   **Thesis option.** Only the thesis option for the M.A. degree in anthropology is available. Course work will include either 30 credits plus a foreign language proficiency examination or 36 credits and no foreign language requirement. Students who as undergraduates did not take at least one course in each of the four subfields of anthropology and a course in statistics will be asked to do so (in consultation with an advisor) at the beginning of their graduate programs. No graduate credit will be awarded for courses taken to satisfy such deficiencies. Graduate students must demonstrate competence in each of the four subfields of anthropology. The thesis option M.A. core along with the expected undergraduate preparation (or courses taken as deficiencies as a graduate student) are designed for this purpose. Thesis students complete the core courses, supporting field’s electives, the anthropology electives, and the thesis credits.

   - Anth 420 Anthropological History and Theory (3 cr, max 9)
   - Anth 500 Master's Research and Thesis (6-10 cr)
   - Anth 510 Research Methods in Anthropology (3 cr)
   - Anth 511 Human Evolution (3 cr)
   - Anth 521 Contemporary Issues in Anthropological Theory (3 cr)
   - Anth 530 Introduction to Archaeological Method and Theory (3 cr)

   **Thesis Supporting Field’s Electives (up to 6 cr)**

   **Thesis Anthropology Electives**

   Both the 30- and 36-credit M.A. program must include at least 6 but no more than 10 thesis credits, although more than 10 credits of Anth 500 may be taken. A minimum of 18 credits must be at the 500 level. Anthropology courses must be at the 400 or 500 level, while supporting courses can include 300 level. No more than 12 credits can be transferred from other institutions and an official copy of the student’s transcripts from each institution must be on file in the Registrar’s Office. Such institutions must have a graduate program and the work taken for graduate credit.

   **Note:** Students who have already received credit for Anth 410, Anth 411, Anth 420 or Anth 430 will substitute appropriate courses for Anth 420, Anth 510, Anth 511, or Anth 530 with approval from the student’s advisor.

   **Non-thesis option.** Course work will include either 30 credits plus a foreign language (or language other than the student’s native language) proficiency examination or 36 credits and no foreign language requirement. Students who as undergraduates did not take at least one course in cultural anthropology, archaeology, and physical anthropology and a course in statistics will be required to do so in consultation with an advisor at the beginning of their graduate programs. In general, no graduate credit will be awarded for courses taken to satisfy such deficiencies. Non-thesis students complete the core courses, the support field’s electives, the anthropology electives, non-thesis credits, and select one subfield emphasis.

   - Anth 420 Anthropological History and Theory (3 cr, max 9)
   - Anth 510 Research Methods in Anthropology (3 cr)
   - Anth 521 Contemporary Issues in Anthropological Theory (3 cr)
   - Anth 530 Introduction to Archaeological Method and Theory (3 cr)
   - Anth 599 Non-thesis Master's Research (6 cr)
   - Non-thesis Supporting Field’s electives (up to 6 cr)
   - Non-thesis Anthropology Electives

   **One of the following:**

   - Anth 509 Anthropological Field Methods (1-8 cr, max 8)
   - Anth 598 Internship (cr arr)

   **Non-thesis Subfield (complete one subfield):**

   **Physical Anthropology**

   - Anth 511 Human Evolution (3 cr)
   - Anth 512 Human Races (3 cr)

   **Archaeology**

   - Anth 530 Introduction to Archaeological Method and Theory (3 cr)

   **One of the following:**

   - Anth 453 Archaeological Lab Techniques (3 cr)
   - Anth 532 Historical Artifact Analysis (3 cr)
   - Anth 549 Lithic Technology (3 cr)

   **Cultural Anthropology**

   - Anth 528 Social and Political Organization (3 cr)
1. Change the curricular requirements of **Natural Resources** (M.N.R.) [Effective: Summer 2014]

**Master of Natural Resources.** Major in Natural Resources. The Master of Natural Resources (MNR) is an interdisciplinary course-based graduate program designed for mid- and executive-level professionals who wish to enhance their educational credentials for a career in natural resources. The fundamental objective of the MNR graduate program is to integrate and scale various perspectives – ecological, the human dimension, planning, policy and law, and practical tools – into a systems view of natural resources. This unique professional degree is accessible to students of diverse academic backgrounds and will help graduates develop credentials and skills for the effective management of natural resources. The degree consists of 30 semester credits (five credits from each of four MNR program categories – Ecology & Management, Law; Human Dimensions, Policy, Planning, and Tools & Technology, eight elective course credits from the MNR curriculum, and two credits for a case study project). Up to 12 semester credits can be transferred into the program from other institutions. General MNR requirements apply.

The MNR program can be combined with two different certificate programs specializing in restoration ecology and fire science. Admission to the College of Graduate Studies requires a minimum graduate point average (GPA) of 3.0, three letters of reference, and the Graduate Record Examination (GRE).

Complete admission and degree information available online at MyMNR.net General M.N.R. requirements apply. To provide the breadth of knowledge required in this 30-credit degree, students must complete a minimum of two courses in each of the four major concentration areas (policy, planning, and law; human dimensions; ecology and resources; and tools and technology). Students will select courses based on their academic background and career goals. Students must also complete two 3-day, 1-credit colloquia to be offered on the UI campus. An additional 6 credits of advisor-approved electives is to be selected from nonlisted courses. The M.N.R. Committee may approve course substitutions.

The next UCC meeting will be November 18th, 2013. This meeting was adjourned at 4:03pm.

Charles Tibbals, UCC Secretary