UNIVERSITY CURRICULUM COMMITTEE
Minutes #7, approved *(2012-2014 Undergraduate Catalog)*
October 26, 2011

Members Present: Bailey, Cook, Fasching, Ferrence, Kaesberg, Kopsell, Lurie, Morenus, Murphy, Rosenthal, Spruell, Standard, Trefzger, Walstrom, Weilbacher, Wood
Members Absent: Lieberman, Spelich
Guests Present: Rick Boser, Dan Wilson and Jin Jo, Department of Technology; Yusuf Sarfati and Erik Rankin, Department of Politics and Government; David Anderson, Department of Philosophy

1. Standard convened the meeting at 3:05 p.m. Introductions were made.

2. **APPROVAL OF MINUTES #5, October 12, 2011 and #6, October 19, 2011:**

   Meeting Minutes #5, October 12, 2011: There were a few corrections. Ferrence moved to approve the minutes as amended, Walstrom seconded and the committee approved the minutes by acclamation.

   Meeting Minutes #6, October 19, 2011: There were a few corrections. Ferrence moved to approve the minutes as amended, Walstrom seconded, and the committee approved the minutes by acclamation.

3. **PROPOSAL ACTION:**

   CSD   MINOR IN SPEECH PATHOLOGY AND AUDIOLOGY (Revision)   Morenus and Fasching

   Morenus presented a review of last week's discussion of the proposal. The issues were (1) the missing course number CSD 215 from both the current and the proposed catalog copy on the proposal, and (2) the answer to the question on the proposal "Does this minor require more than 9 hours from major program of study?" needed to be changed to "no" because a Speech Pathology and Audiology major would not take the minor. Ryburn reported that the proposal has been corrected. Morenus moved to approve the proposal to revise the Minor in Speech Pathology and Audiology as amended, Fasching seconded, and the committee approved the proposal by acclamation. Catalog copy follows:

   MINOR IN SPEECH PATHOLOGY AND AUDIOLOGY

   — **21 hours required.**
   — **Required courses: CSD 155, 175, 215, 350. Electives cannot include practicum courses.**
   — **NOTE: Students taking this minor will not qualify in this area for Illinois or American Speech-Language-Hearing Association certification.**

   FCS   INTERIOR AND ENVIRONMENTAL DESIGN SEQUENCE (Revision)   Lieberman and Ferrence

   Ferrence presented a review of the last week's discussion of the proposal to revise the Interior and Environmental Design Sequence, where the only change was to replace an elective course FCS 393.38 with a new course FCS 377. Ferrence moved to approve the proposal to revise the Interior and Environmental Design Sequence, Walstrom seconded, and the committee approved by acclamation. Catalog copy follows:

   Interior and Environmental Design Sequence:

   The Interior and Environmental Design Sequence prepares students for careers in residential design, contract design, space planning, store design, restaurant design, kitchen and bath design, historic preservation and design for special populations.

   The undergraduate Interior and Environmental Design (IED) program at Illinois State University is currently accredited by the Council for Interior Design Accreditation.

   — **67 hours required.**

— **11-hour core: FCS 101, 103, 200, 300.**
— **56-hour sequence: FCS 104, 218, 225, 242, 246, 338, 340, 345, 346, 347, 348, 352, 370, 375, 376, 398 (3 hours); TEC 117, 217; one of the following: ART 155, 156, 257, 275, 372 or 373;**
— **Possible minors based on individual interests: Technology, Art or Business.**
— **Recommended electives: FCS 377; TEC 317, 322.**
— **To be licensed in the State of Illinois, students must have a minimum of 2 years professional work experience and pass the National Council for Interior Design Qualification (NCIDQ) Examination. Passage of this exam also qualifies the individual professional membership in interior design organizations such as American Society of Interior Designers (ASID) and International Interior Design Association (IIDA).**

IDS   MINOR IN CIVIC ENGAGEMENT AND RESPONSIBILITY (Revision) Kopsell and Trefzger

Kopsell presented a review of last week's discussion of the Interdisciplinary Studies proposal to revise the Minor in Civic Engagement and Responsibility. Kopsell reported that all issues have been resolved. Kopsell moved to approve the proposal to revise the Minor in Civic Engagement and Responsibility as amended, Trefzger seconded, and the committee approved by acclamation. Catalog copy follows:

MINOR IN CIVIC ENGAGEMENT AND RESPONSIBILITY

Minor Coordinator: Dr. Lance Lippert, School of Communication
424 Fell Hall, Campus Box 4480
(309) 438-8869; llipper@ilstu.edu

Minor Advisor: Wendi Whitman, University College
340 Fell Hall, Campus Box 4060
(309) 438-7604; wjwhitm@ilstu.edu

        In teaching civic engagement at Illinois State University, we strive to develop civically responsible individuals who embrace their membership in communities and society by owning social issues and working to be a part of the solution, which requires ethical and civic judgments and interventions when appropriate. Illinois State University's values are at the core of this minor as students will prepare to participate in social change as well as develop an awareness of personal social responsibility. This minor is intended to prepare students to engage actively in their citizenship. The interdisciplinary minor is open to all students of any ideological viewpoint and can be positively matched with any major as a way to broaden the student's learning experience and career perspectives. A civically educated individual (1) gains a sense of self-awareness as a citizen, (2) actively participates in community service, (3) develops an appreciation of diversity, (4) comprehends the interdepedence within communities, societies, and the world, (5) grows an understanding of the democratic process, (6) displays critical thinking within the arena of democratic conversations and social issues, (7) becomes effective at problem-solving and change, and (8) is able to personally integrate reflection on service, social issues, and course content. This minor will provide students with opportunities to sharpen critical analysis, skill development, and personal reflection as well as substantive opportunities to study and perform civic engagement in their communities.

Minor requirements:

— **21 hours required.**
— **Required core (9 hours): IDS 125, 398.02; POL 101.**
— **Choose 4 courses (12 hours) from the following (only one course at the 100 level can be taken): CJS 102; COM 201, 270, 272, 274, 303, 304, 371, 375; EAF 228, 231, 235; FCS 328, 333; HIS 240, 253, 272; PHI 104, 150, 234, 236, 240; POL 106, 214, 220, 221, 222, 225, 233, 312; PSY 213, 302; SOC 240, 333, 366; TEC 175, 275; THE 154, 270, 344.**
— **NOTE: Other courses approved by the Minor Advisor may be counted toward the minor.**
— **NOTE: No more than two elective courses (6 hours) can be taken in any single department.**

Concentration for Teacher Education Majors Interested in Urban Education:

The Minor in Civic Engagement and Responsibility offers a special concentration for teacher education majors who have an interest in urban education and pursuing careers in high-need schools. This entails a dedicated strand of courses that have a strong focus on diversity, multiculturalism, and the importance of creating community engaged classrooms. Many of these courses also offer activities and assignments that immerse the student into the urban context such as field trips and service-learning projects in urban schools and communities.

In consultation with their advisor, teacher education majors interested in urban teacher preparation are recommended to choose four courses (12 hours) from the following courses that have an urban education focus (only one course at the 100 level can be taken): BSC 307; C&I 110, 111, 204, 208, 212, 232, 233.01, 319; CHE 161; CJS 102; EAF 228, 231, 235; GEO 307; HIS 290, 390; HSC 387; LAN (SPA) 223, 244; LAN 319; MAT 201, 223; PHY 353; PSY 213, 215, 302; SOC 109, 240; TEC 175.

Teacher education majors interested in urban teacher preparation courses with designated sections can refer to UTP Passport (http://teacherpipeline.illinoisstate.edu), Course Finder, and the ADP web site (http://americandemocracy.illinoisstate.edu/civic-engagement-responsibility) for updated course information.

LAN   MAJOR IN SPANISH –TEACHER CERTIFICATION SEQUENCE (Revision) Weilbacher and Spelich

Weilbacher presented a review of last week's discussion of the proposal to revise the Major in Spanish – Teacher Certification Sequence. Weilbacher moved to approve the proposal to revise the Teacher Certification Sequence, Lurie seconded, and the committee approved the proposal by acclamation. Catalog copy follows:

MAJOR IN SPANISH

Teacher Certification Sequence:

— **Part of entitlement program leading to K-12 (Type 10) certification.**
— **A minimum of 40 hours and a maximum of 49 hours in Spanish required. The number of hours required for the Major in Spanish for Teacher Certification depends upon the level at which a student begins the program. Students with no previous study in Spanish begin the language with SPA 111 and must complete 49 hours. Students with 2 years of high school Spanish (or equivalent) normally begin with SPA 112 and must complete 45 hours beyond SPA 111. Students with 3 years of high school Spanish (or equivalent) normally begin with SPA 115 and must complete 41 hours beyond SPA 111 and SPA 112.**
— **Required courses: SPA 115, 116 or 120, 213, 215, 223, 233, 243, 244; LAN 319, 320; plus sufficient electives to meet the total hour requirement previously indicated (2 of the 3 possible electives must be at the 300 level).**
— **Recommended electives: SPA 214, 305, 310, 311, 323, 324, 326, 327, 360 (214 is not for credit if the ACTFL speaking score is Advanced); LAN 321.**

TEC   COMPUTER SYSTEMS TECHNOLOGY SEQUENCE (Revision)   Cook and Wood

Cook presented a review of last week's discussion of the proposal to revise the Computer Systems Technology Sequence. Cook asked if the Department of Mathematics provided a letter of support for the changes that Technology proposed in regards to MAT 108 being removed and MAT 120 being specified as a prerequisite for TEC 244. Ryburn reported that Technology forwarded an email of support from Mathematics. Cook moved to approve, Wood seconded, and the committee approved by acclamation. Catalog copy follows:

MAJOR IN INDUSTRIAL TECHNOLOGY

Degree Offered: B.S.

Computer Systems Technology Sequence:

Computer Systems Technology is an interdisciplinary curriculum that provides a background in computer technology, software, programming, information imaging, and other industry-related technologies. The goal of the sequence is to prepare professionals for the management and supervision of technical computer systems in industrial settings. Course work emphasizes the use of computer systems to provide students with a diverse technical and professional background in communications, networking, interfacing, and electronic principles related to a variety of computer systems. The Computer Systems Technology sequence is accredited by the Association of Technology, Management, and Applied Engineering (ATMAE).

— **76 hours required.**
— **17 hours in General Education: MQM 100; PSY 110; CHE 102; MAT 120; PHY 105.**
— **13 hours in Industrial Technology core: TEC 100, 270, 313, 330; HSC 385.**
— **37 hours of required courses: IT 168; TEC 143, 151, 243, 244, 245, 283, 284, 319, 348, 383, and 390.**
— **9 hours of additional courses selected from the following: IT 254; TEC 116, 117, 150, 216, 217, 240, 250, 263, 317, 320, 345, 348, 352, 370, 398 (3 hours).**

Allowable substitutions for required courses:
— **Acceptable substitutions for CHE 102 are CHE 110 and 112, or CHE 140.**
— **Acceptable substitutions for MAT 120 are MAT 144 or 145.**
— **Acceptable substitution for MQM 100 is ECO 138.**
— **Acceptable substitutions for PHY 105 are PHY 108 or PHY 110.**
— **Acceptable substitutions for TEC 330 are ACC 131 and ACC 132.**
— **Acceptable substitution for HSC 385 is HSC 271.**
— **Acceptable substitution for IT 168 is IT 177.**

4. **PROPOSAL DISCUSSION:**

TEC   MAJOR IN GRAPHIC COMMUNICATIONS (Revision)   Ferrence and Lurie

Rick Boser and Dan Wilson were present from the Department of Technology. Ferrence distributed a handout and presented a review of the proposal to revise the Major in Graphic Communications.
*   The most significant change proposed is the shifting of several electives to the required core.
*   The number of hours required in the core will be increased from 37 to 49; the number of hours of electives will be reduced from 6 to 3, and the hours required in the concentrations will be reduced from 18 to 9. Overall the hours remain the same.
*   Two of the three concentrations were merged into one.
*   The changes were motivated by a steering board and faculty committee with the goal of improving delivery of the courses to students.
Comments/Questions:
*   The "additional 3 hours of electives" list has courses that are also listed in the concentrations. The catalog copy (of the list of electives) needs to be amended to say "if not already taken" to disallow double counting.

Standard said that this proposal will be an action item on the next meeting agenda.

TEC   MAJOR IN RENEWABLE ENERGY (Revision)   Kaesberg and Murphy
          TECHNICAL SEQUENCE (Deletion)
          ECONOMICS AND PUBLIC POLICY SEQUENCE (Deletion)

Rick Boser and Jin Jo were present from the Department of Technology. Kaesberg distributed a handout and presented a review of the proposal to revise the Major in Renewable Energy, including the deletion of the two sequences.

- The current major in Renewable Energy is divided into two sequences, the Technical Sequence, and the Economics and Public Policy Sequence. Technology proposes deletion of the two sequences, enhancing the focus on undergraduate research in the major, and mandating a minor.
- The original two sequence model was focused on a limited segment of the renewable energy industry. The revised model allows students to develop expertise in an interdisciplinary core of subjects related to renewable energy as well as more in-depth studies in a related minor.
- After two years of tracking graduate placement, it was found that almost 50% of the graduates continue their education in graduate programs. Therefore, they added TEC 260 and a research oriented elective pool with added independent study options to provide better grounding in research methods and analysis.
- The total hours required will be 58, including a minimum of 19 hours of TEC courses, 23 hours of General Education courses (CHE 102 was added), 32 hours in the required core, and 3 hours of electives. They added two new renewable energy courses: TEC 260 and 262. TEC 320 was removed from the core and added to the new elective course list.
- The curriculum changes are in response to recommendations by the industry advisory board and align with the Illinois Board of Higher Education P-20 Energy Plan of Study Workgroup initiative to promote energy literacy.

Comments/Questions:
- Standard noted that with the addition of the mandated minor, the total hours of the program have increased overall. The major hours required went from 66 to 58 hours plus the hours of the minor chosen, which ranges from 20-25 hours. Kaesberg said that some of the hours in the minors will also be in the major (9 hours of overlap is allowed), so the program is increasing by approximately 10 hours, which Boser said is less than most of the Technology majors.
- It was asked if a transfer student, who has not been able to overlap the hours of General Education courses with the major, would need more than four years to complete the program as revised; and would this keep transfer students from taking the major. Rosenthal said that it does happen, but the transfer student coming in would understand that more hours would be needed. Technology is putting students through a rigorous program, but with great career outcomes and well worth doing it.
- Erik Rankin, who was present from Politics and Government, asked about POL 232, which was required in the Economics and Public Policy sequence that is being deleted. The course is not listed as a requirement, or an elective, in the new curriculum being proposed. Many of the students taking the POL 232 course are renewable energy majors. He asked about having a renewable energy program without teaching the political ramifications. Boser answered that if the student took the Economics minor, the political ramifications might be accounted for. Rankin said that Politics and Government would do whatever they could to support the renewable energy program.
- It was asked if Technology would consider adding a Politics and Government minor and Boser answered in the affirmative.

Standard said that the proposal would be an action item at the next meeting.

THE   DESIGN/PRODUCTION SEQUENCE (Revision)   **Murphy and Walstrom**

Murphy distributed a handout and presented a review of the proposal to revise the Design Production Sequence in the Major in Theatre.
- Theatre proposes replacing ATK with THE 251, and ATK 340 with THE 351 in the course electives ("6 hours to be selected from" lists).
- They are adding two new theatre courses to the list of allowed electives.

Comments/Questions:
- It was noted that Theatre is adding four new courses, yet say that they anticipate no additional funding.

Standard said that the proposal will be on the next meeting agenda as an action item.

IDS   MINOR IN COGNITIVE SCIENCE (Revision)   **Kopsell and Morenus**

David Anderson, Director of the Minor in Cognitive Science, was present. Kopsell distributed a handout and presented a review of the proposal to revise the Minor in Cognitive Science.
- The changes proposed are to add PHI 251 as a course option in the Philosophy Emphasis because of the courses currently listed, PHI 253 or 315, one is no longer taught and the other is a topics course without regular rotation. PHI 251 focuses on traditional and contemporary theories of the person, including those at the forefront in cognitive science.
- IT 226 will be added to Group B courses (Computer Science). This is a new course that is ideal for students with a Computer Science Emphasis in the minor.
- SOC 338 will be added to Group C courses (Linguistics). This is a new course which teaches the important methodology of "conversation analysis." The course will further enhance the strong offerings in the Linguistics Emphasis in the minor.
- CSD 310 Clinical Neurology will be added to Group F courses (related courses). Neurology is one of the most important disciplines contributing to cognitive science. This course adds an important new option for students pursuing the minor.

Comments/Questions:
- The proposal was routed to and approved by all affected departments/schools.
- It is estimated that on average there are 8-10 Cognitive Science minors at any one time, and the needed electives will only see one additional student enrolled every two to five years.
- The reviewers questioned courses listed that are no longer in the catalog, but have been replaced by other courses (the course numbers changed). ANT 286 was replaced with ANT 350; ANT 288 was replaced with ANT 378; ANT 290 was replaced with ANT 393. Anderson sent a message to the chair of Anthropology asking for consent that the new course numbers could replace the old course numbers in the minor. The Department of Languages, Literatures, and Cultures has consented to having LAN 310.15 replace LAN 262.15 in the minor.
- Other discrepancies noted:
  - SOA 338 in Linguistics Group C. The reviewer wanted to know if the department abbreviation had changed because it is also SOA 338 in Course Finder instead of SOC 338. Ryburn explained that the system used by Course Finder (and other databases) pulls information from department tables used by administrative areas (such as Financial and Human Resources) that need Sociology and Anthropology under one department abbreviation (SOA), but the catalog needs two distinct departments for the courses, thus there is SOC and ANT for the catalog.
  - IT 226 in Group B Computer Science is not in the catalog but it is in Course Finder; this is a new course and will be in the 2012-2014 catalog.
- Anderson said that Languages, Literatures and Cultures asked if LAN 311.15 and 335.12 can be added to the Linguistics Emphasis. A memo from them and exact catalog copy needs to be provided.

Standard said that the proposal will be on the next meeting agenda as an action item.

IDS   MINOR IN MIDDLE EASTERN AND
SOUTH ASIAN STUDIES (Revision)   **Wood and Weilbacher**

Yusuf Sarfati, Director of the Minor in Middle Eastern and South Asian Studies, and Erik Rankin, the minor's advisor were present. Wood distributed a handout and presented a review of the proposal to revise the Minor in Middle Eastern and South Asian Studies.
- The proposal is to eliminate courses from the minor that are no longer offered and add courses that are relevant and regularly offered.
- IDS 203.20 and IDS 203.35 are no longer offered and will be moved from the required core list to the elective list; the courses might be offered in the future, consequently they are not being completely removed from the minor.
- HIS 272 will be added to the core course list; GEO 235.03 will be removed from the core list and GEO 255 will be removed from the elective list because the courses are no longer offered. They will also add courses from the Departments of Philosophy and Criminal Justice to the minor.

- The following courses will be added to the elective list: CJS 369; ENG 255, 261, 352; HIS 272, 307; IDS 203.20 and 203.50; PHI 207, 208; and POL 345. Overall the number of elective courses offered will increase from 21 to 27.
- The proposed changes will reduce the number of required core hours from 12 to 9 and increase the number of elective hours from 9 to 12. The minor would still consist of 21 required hours.

Comments/Questions:

- The reviewers suggested adding language in the elective list to clarify that students cannot take a course as an elective if they have already taken it as a required course, such as HIS 272 and POL 345 that are now listed as both required and elective courses.
- LAN 206 and ENG 206 are listed separately in the list of elective courses, however they are cross listed and have the same title. The reviewers suggested changing the listing to ENG 206 or LAN 206.
- A number of the elective courses are special topics courses that vary by the professor and semester. In some cases, the course would not be relevant to the minor (e.g. HIS 307). The reviewers were told that the courses were included in the elective list because they are usually taught by faculty who are affiliated with the minor. When the section being offered in a particular semester is not relevant to the minor, students would be directed away from it during advisement, and also directed to take the course when it is a relevant topic.
- The reviewers asked about the relevance of POL 225 Women in Politics, and were told that the course as it is currently taught has global components that are relevant to the minor.
- Wood said that the changes will give more options to students and help students move through the minor more easily.

Standard said that the proposal will be on the next meeting agenda as an action item.

5. **LIAISON REPORTS:**

   a. **Council for General Education:** Weilbacher reported that CGE is involved in interpreting the General Education data and plan to have something to report by Thanksgiving.
   b. **Council on Teacher Education:** Standard – Nothing to report.
   c. **Academic Affairs Committee:** Kaesberg – Nothing to report.

6. **STAFF REPORT:**

   Ryburn reported that there is one new proposal from the Department of Management and Quantitative Methods for a new Minor in Business Environment and Sustainability that is on circulation at this time.

7. **MISCELLANEOUS:** None.

8. **ADJOURNED:** Ferrence moved to adjourn, Kopsell seconded. The meeting was adjourned at 4:22 p.m. The next meeting will be on November 2, 2011.

9. **INFORMATION:** The University Curriculum Committee Executive Secretary approved the following:

New Courses:

ECO

343   COMPETITION AND MANAGERIAL STRATEGIES
        3 sem. hrs.
Applications of game theory to managerial decisions in competitive, oligopolistic, and monopolistic markets. Prerequisites: ECO 239 or 240 or consent of instructor.

FCS

377   FAMILY AND CONSUMER SCIENCES TRAVEL STUDY
        1-6 sem. hrs.
Encompasses any studies related to Family and Consumer Sciences Study Travel Program: Domestic or

Abroad. May be repeated; maximum of 6 hours may be applied toward graduation. Prerequisites: Major or minor only or consent of Department Chairperson.

TEC

260   RESEARCH AND ANALYTICAL TOOLS IN RENEWABLE ENERGY
         3 sem. hrs.
Introduction to quantitative research methods and analytical tools in renewable energy including data collection, data analysis, and simulation tools. Lecture and lab. Prerequisites: TEC 160; MQM 100. Major/minor only or consent of advisors.

262   ENERGY MANAGEMENT
         3 sem. hrs.
Application of the principles and practices of energy management to improve energy efficiency, sustainability, and renewable resource usage. Lecture only. Prerequisites: TEC 111. Major/minor only or consent of advisor.

Revised Courses:

ART
         (changed title, description, prerequisites)
284   EXPANDED MEDIA I
         3 sem. hrs.
Students utilize digital tools and fabrication techniques in studio art production, exploring specialized topics such as programming, motion, and time. Formerly *INTEGRATED MEDIA I*. Prerequisites: ART 103, 104, 109.

TEC
         (changed title, description)
100   PROFESSIONAL DEVELOPMENT IN TECHNOLOGY
         1 sem. hr.
Introduction to career and leadership opportunities, employer expectations, job search skills, and placement resources within technology fields of study. Lecture. Materials charge optional. Formerly *INTRODUCTION TO INDUSTRIAL TECHNOLOGY*.

         (changed title, description)
151   INTRODUCTION TO COMPUTER SYSTEMS TECHNOLOGY
         3 sem. hrs.
Study and use of basic methods and software used in computer applications for imaging, graphics, and communications. Lecture and lab. Materials charge optional. Formerly *INTRODUCTION TO INDUSTRIAL COMPUTER SYSTEMS*. Prerequisites: Major/minor only or consent of department advisor.

         (changed prerequisites)
284   TECHNICAL COMPUTER APPLICATIONS
         3 sem. hrs.
Application of computer hardware and software solutions to industrial production and control problems. Lecture and lab. Materials charge optional. Prerequisites: TEC 143, and TEC 283 or concurrent registration. Major/minor only or consent of department advisor.

         (changed title, description)
319   GRAPHICAL SOFTWARE INTERFACES
         3 sem. hrs.
Combination of graphic and programming techniques to interpret and solve technological problems and

enhance productivity. Lecture and lab. Formerly *COMPUTER GRAPHICS.* **Prerequisites: Grade of C or better in TEC 283. Major/minor only or consent of department advisor.**

(changed title, description, prerequisites)
358   E-PUBLISHING MANAGEMENT
            3 sem. hrs.
Study of ePublishing technology, media production management, and digital asset management for graphic communications businesses. Lecture, labs and field trips. Materials charge optional. Formerly *DIGITAL MEDIA MANAGEMENT***. Prerequisites: TEC 152, 250. Major/minor only or consent of department advisor.**

(changed description, prerequisites)
360   RENEWABLE ENERGY CAPSTONE
            3 sem. hrs.
A research-focused synthesis of the skills and knowledge acquired in the Renewable Energy major coursework. Lecture and lab. Prerequisites: TEC 260 and 45 hours in the major. Major/minor only or consent of the department advisor.