

## UNIVERSITY CURRICULUM COMMITTEE

Minutes #9 approved (2012-2014 Undergraduate Catalog)

January 26, 2011

**Members Present:** Cook, Ferrence, Kaesberg, Kelly, Kopsell, Morenus, Smudde, Trefzger, Walker, Walstrom, Weilbacher

**Members Absent:** Kukla, Murphy, Rosenthal, Standard

**Guests Present:** Connie Dyar, Family and Consumer Sciences; Jess Ray, University Registrar

1. Morenus convened the meeting at 3:07 p.m.
2. **APPROVAL OF MINUTES #8, January 19, 2011:** Trefzger moved to approve the minutes pending change (where reported that Standard asked about hours in major FCS courses in the Interior and Environmental Design Sequence, which should have been 58 not 56), Cook seconded; the minutes were approved as corrected by unanimous acclamation.
3. **PROPOSAL DISCUSSION:**

### **BSC/CHE MAJOR IN BIOCHEMISTRY/MOLECULAR BIOLOGY (Revision) Kaesberg/Kelly**

Kaesberg said that there were no unresolved issues from last week's discussion of the proposal to revise the Major in Biochemistry/Molecular Biology. Kaesberg moved to approve the proposal, Kelly seconded; the revision of the sequences in the major were approved by unanimous acclamation of the committee. Catalog copy follows:

#### **MAJOR IN BIOCHEMISTRY/MOLECULAR BIOLOGY PROGRAM**

##### **General Sequence:**

- 35 hours required in Chemistry, 19 hours in Biological Sciences and 1 hour in Biochemistry/Molecular Biology Seminar.
- Required courses: CHE 140, 141, 215, 230, 231, 232, 233, 315, 342, 343, 344, 360 or 370, 361; BSC 196, 197, 203, 219, 220, 350; BSC/CHE 310.
- 1 year of calculus (MAT 145 and MAT 146) and 1 year of Physics (PHY 108 and 109 or PHY 110 and 111) must be completed prior to enrolling in CHE 360, 370 or CHE 361.
- The following courses are in the General Education program: BSC 196, 197; CHE 140; MAT 145; PHY 108, 110.

##### **Biochemistry Sequence:**

- 35 hours required in Chemistry, 17 hours in Biological Sciences, and 1 hour in Biochemistry/Molecular Biology seminar.
- Required courses: CHE 140, 141, 215, 230, 231, 232, 233, 315, 342, 343, 344, 360 or 370, 361; BSC 196, 197, 203, 219; CHE/BSC 310.
- 1 year of Calculus (MAT 145 and MAT 146) and 1 year of Physics (PHY 108 and 109 or PHY 110 and 111) must be completed prior to enrolling in CHE 370 or CHE 361.
- The following courses are in the General Education Program: BSC 196, 197; CHE 140; MAT 145; PHY 108, 110.
- 3 hours of elective credit in BSC at the 200-level or greater.

##### **Molecular Biology Sequence:**

- 26 hours required in Chemistry, 23 hours in Biological Sciences, and 1 hour in Biochemistry/Molecular Biology seminar.
- Required courses: CHE 140, 141, 215, 230, 231, 232, 233, 342, 344; BSC 196, 197, 203, 219, 220, 260, 350; CHE/BSC 310.

- **1 year of Calculus (MAT 145 and 146) and 1 year of Physics (PHY 108 and 109 or PHY 110 and 111) must be completed.**
  - **The following courses are in the General Education Program: BSC 196, 197; CHE 140; MAT 145; PHY 108, 110.**
  - **6 hours of elective credit in BSC or CHE courses at the 300-level.**
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**FCS INTERIOR AND ENVIRONMENTAL DESIGN SEQUENCE (Revision) Ferrence/Walstrom**

Connie Dyer was present from the Department of Family and Consumer Sciences. Ferrence presented a review of last week's discussion of the proposal.

- Family and Consumer Sciences provided a rationale for the increase of hours to 58 which is over the suggested limit of 55 hours in major courses. The increase in hours is due to accreditation standards. FCS also provided a copy of the accreditation report summary.
- As requested, the Technology department chair provided support for TEC 317 through an email.
- The issue of FCS 393.38, which is a temporary course that was established in 1986, will not hold up the proposal. The department will send through a new course proposal to replace the course with a permanent number.
- Dyer said that they have been careful with the hours and tried to make sure that students would be able to complete the sequence within a reasonable amount of time.
- Ferrence added that though they are over the 55 hour limit in major courses, they are well within the limit of 124 hours total.

Ferrence moved to approve the proposal, Walstrom seconded; the proposal was approved by unanimous acclamation of the committee. The revised program has been approved for the *2011 Supplement to the 2010-2012 Undergraduate Catalog* due to accreditation mandates. 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, 372 or 373;**
  - **Possible minors based on individual interests: Technology, Art or Business.**
  - **Recommended electives: FCS 393.38; 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).**
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**LAN INTEGRATED BACHELOR OF ARTS (B.A.) AND MASTER OF ARTS (M.A.)  
IN LANGUAGES, LITERATURES, AND CULTURES (Delete) Weilbacher/Kopsell**

Weilbacher said that there were no issues pending from last week's discussion of the proposal to delete the Integrated Bachelor of Arts (B.A.) and Master of Arts (M.A.). Weilbacher moved to approve the proposal,

Kopsell seconded; the proposal was approved by unanimous acclamation of the committee. The proposal will be forwarded to the Graduate School for their review/approval before being sent to the Academic Senate. Catalog copy to be deleted follows:

#### **Integrated Bachelor of Arts (B.A.) and Master of Arts (M.A.) in Languages, Literatures, and Cultures**

**The Integrated Bachelor of Arts (B.A.) and Master of Arts (M.A.) in Languages, Literatures, and Cultures enables a student to complete the B.A. and M.A. degrees in five years. It is available to the most promising Illinois State University, non-teacher education majors in French, German, or Spanish. Students with a 3.50 G.P.A. or higher may apply after they have completed at least two 200-level courses. Applications must be made to Admissions. Two letters of recommendation and a writing sample should be sent to the Department of Languages, Literatures, and Cultures.**

**Students accepted into the program must have sufficient undergraduate credits (approximately 90 hours) by their senior year in order to take courses for graduate as well as undergraduate credit. They do not normally complete a second undergraduate major.**

**All regular undergraduate requirements for the B.A. degree outside of the major will apply to candidates for the integrated degree.**

**Candidates generally take nine hours of graduate credit during their senior year and eighteen (18) hours of graduate credit during their graduate (fifth) year, and one course for joint credit, for the equivalent of thirty (30) graduate hours. Fifteen (15) course hours must be at the 400 level and approved as part of the graduate plan of study. All courses required for the regular B.A. will be completed by the end of the senior year. Should a student decide to leave the integrated B.A./M.A. program and complete only a B.A., all regular undergraduate degree requirements will apply.**

**The two semesters of graduate study must take place at Illinois State University. B.A./M.A. students are eligible to receive a graduate assistantship during their graduate year and, if they have already completed 120 hours, during the last semester of their fourth year. One hundred forty-seven (147) hours are required for the integrated program. Upon completion of the program, both a Bachelor of Arts degree and a Master of Arts degree will be awarded.**

**French Sequence: In addition to the 27 hours of graduate study, the French Sequence requires 35 hours of undergraduate study, including French 115, 116, 213, 214, 220, 235 or 335, 305, and four additional 300-level courses approved by the Department.**

**German Sequence: In addition to the 27 hours of graduate study, the German Sequence requires 35 hours of undergraduate study, including German 115, 116, 211, 213, 217, and six courses at the 300 level approved by the Department.**

**Spanish Sequence: In addition to the 27 hours of graduate study, the Spanish Sequence requires 33 or 34 hours of undergraduate study, including Spanish 116 or 120, 213, 215, 223, 233, 305; two courses among 323, 324, or 325; and three courses among 310, 311, 336, 337, 360, 385. Only students beginning study at Spanish 116 or higher are eligible for this sequence.**

**All sequences: The 27 graduate hours for all sequences must be completed with an average GPA of 3.00 or higher in at least three of the following areas: culture, linguistics, literature, and pedagogy. Students must pass a comprehensive examination and may choose to write a master's thesis as part of their graduate requirements. Details about academic requirements may be obtained from the Department of Languages, Literatures, and Cultures.**

#### **4. LIAISON REPORTS:**

- a. Council on General Education: Weilbacher - Nothing to report.
- b. Council for Teacher Education: Morenus - Nothing to report.

- c. Academic Affairs Committee: Kaesberg reported that the AAF will be reviewing a subgroup's evaluation of the use of textbooks. The subgroup is looking for more fiscally affordable methods of offering textbooks, such as e-books. They will also be reviewing the 2009-2010 Annual Report of the University Curriculum Committee.

## 5. STAFF REPORTS:

Morenus asked if the next three self-studies for IDS Minor 5-year Review were due to be completed by February 1. Ryburn said that two of the self-studies were given extensions and will probably be presented to the UCC in March. The Minor in International Studies review is tentatively scheduled for the UCC meeting on February 23, 2011.

## 6. INFORMATION: The University Curriculum Committee Executive Secretary approved the following:

New Courses:

### FCS

#### **246 VISUAL COMMUNICATION FOR INTERIOR DESIGN** 2 sem. hrs.

**Presentation techniques using various materials/methods for communication of interior design solutions. Emphasis on volumetric space and building enclosure. Lecture and lab. Prerequisites: Grade of C or better in FCS 104 and 242. Major/minor only or consent of advisor.**

#### **376 INTERIOR DESIGN IV: STUDIO** 4 sem. hrs.

**Culmination of design process in a self-guided interior design project in student's area of concentration. Materials charge optional. Prerequisites: FCS 375. Major/minor only or consent of advisor.**

Revised Courses:

### ART

(changed prerequisites)

#### **352 RENDERING FOR INTERIOR DESIGNERS** 3 sem. hrs.

**Perspective sketching and delineations of architectural interiors. Various media and application techniques will be stressed for professional results in presentations. Also offered as FCS 352. Prerequisites: FCS 242, 246 or consent of instructor.**

### FCS

(changed hours, prerequisites)

#### **218 INTERIOR CONSTRUCTION AND BUILDING SYSTEMS** 3 sem. hrs.

**Evaluation of building infrastructure, including heating/cooling systems, electrical and plumbing conventions, and interior construction, as related to the design process. Field trips. Materials charge optional. Prerequisites: FCS 242.**

(changed prerequisites)

#### **340 INTERIOR DESIGN I: STUDIO** 4 sem. hrs.

**Design principles applied to residential space. Students examine the ways in which rooms are affected by various design elements. Lecture and lab. Materials charge optional. Prerequisites: Grade of C or better in FCS 104 and 242. FCS 246 or concurrent registration. FCS 225 and TEC 117 or concurrent registration recommended. Major/minor only or consent of advisor.**

**FCS**

(changed prerequisites)

**352 RENDERING FOR INTERIOR DESIGNERS**

**3 sem. hrs.**

**Perspective sketching and delineations of architectural interiors. Various media and application techniques will be stressed for professional results in presentations. Also offered as ART 352.**

**Prerequisites: FCS 242, 246 or consent of instructor.**

**MAT**

(changed title, prerequisites)

**362 LINEAR OPTIMIZATION**

**4 sem. hrs.**

**Modeling and solution of problems using the simplex method. Duality, sensitivity, integer programming. Transportation problems. Formerly *LINEAR PROGRAMMING*. Prerequisites: Grade of C or better in MAT 175.**

Deleted Course:

**FCS**

**244 INTERIOR SYSTEMS AND HOUSING**

**3 sem. hrs.**

**Consumer choice of dwelling and the analysis of interior spaces and equipment. Field trips required.**

**Prerequisite: FCS 104.**

Decimalized Courses:

**IDS**

**102.84 HONORS COLLOQUIUM: FOOD CHAIN-ED**

**1 sem. hr.**

**This course is designed to give students the opportunity to investigate current issues and debates related to food and the food supply: organic foods, GMOs and growth hormones, mega farms and factory production, animal rights, consumer rights, and corporation rights; to analyze food and the role that marketing plays; to investigate social political, and economic impact that food consumption has on local and global levels; to explore the cultural importance of food through religious and cultural customs as well as through the role of food in the arts.**

**ITK**

**368.15 TOPICS IN INFORMATION SYSTEMS: BUSINESS INTELLIGENCE AND DATA WAREHOUSING**

**3 sem. hrs.**

**This course covers the use of database technology to implement and analyze a large data set. Implementation and problem solving will be emphasized, including skills in database administration and business intelligence. Students will gain practical experience with using a variety of business intelligence tools. Students will also complete a semester long data warehousing and data analysis project.**

**Prerequisites: Grade of C or better in ITK 378. Junior/senior standing. Major/minor only or consent of department advisor.**

**TEC**

**348.06 TOPICS IN INDUSTRIAL COMPUTER SYSTEMS: E-COMMERCE**

**3 sem. hrs.**

**This course enables students to examine, develop, and manage e-Commerce related projects. One focus is the development of secure e-Commerce sites on Windows (IIS Server) and UNIX (Apache) platforms. The course also enables students to understand and apply the concepts of entrepreneurship, e-Business, and examine business models. They will further learn to understand and apply on-line database management systems and web security. Prerequisites: TEC 245 and completion of 75 hours or consent of instructor. Major/minor only or consent of department advisor.**

Editorial Changes:

**PHY**

**(prerequisite)**

**375 ELECTRONICS FOR SCIENTISTS**

**3 sem. hrs.**

**DC and AC circuit analysis with an introduction to the electrical properties of semiconductors; theoretical and experimental analysis of semiconductor diode, transistor, and operational amplifier circuits. Lecture and lab. Prerequisite: PHY 111.**

- 7. ADJOURNED:** Smudde moved to adjourn the meeting, Kopsell seconded; the meeting was adjourned at 3:43 p.m. by unanimous acclamation. The next meeting will be called when needed.