

UNIVERSITY CURRICULUM COMMITTEE

Minutes #10 approved (2008-2010 Undergraduate Catalog)
October 24, 2007

Members Present: Buckley, Clairardin, Cook, Gillespie, Hawkins, Kaesberg, Kahl, Lessoff, Morenus, Palmer, Petro, Rosenthal, Smith, Standard, Trefzger

Members Absent: Dean, Radakrishnan

Guests Present: Krzysztof Ostaszewski, Mathematics

1. Morenus convened the meeting at 3:06 p.m.
2. **APPROVAL OF MINUTES: #9, October 17, 2007.** The committee will vote electronically on approval of the minutes after they have had time to review them.
3. **PROPOSAL ACTION:**

CJS Minor in Criminal Justice Sciences (Revision) (Trefzger/Cook)
Major in Criminal Justice Sciences (Revision)

Trefzger summarized last week's discussion of the proposal to revise the Major and Minor in Criminal Justice Sciences. It was reported that corrected catalog copy has been received that addresses issues brought up last week: (1) the correct total hours are 64 instead of 55, (2) replacement of PSY/SOC 131 with PSY/SOC 223, and (3) change PSY 232 to PSY 233 (to correct an existing error). Trefzger moved to approve the proposal to revise the Major and Minor in Criminal Justice Sciences, with amendments, Cook seconded and the committee voted unanimously to approve. Catalog copy follows:

MAJOR IN CRIMINAL JUSTICE SCIENCES

- 64 hours required.
- Required courses: CJS 101, 200, 201, 207, 208, 300, 395, 398.01* (6 hours), 398.02* (6 hours).
- 21 hours of electives selected with the approval of an academic advisor. A minimum of 12 hours must be selected from Illinois State University Department of Criminal Justice Sciences course offerings. The remaining electives must be taken from the list of recommended courses from other departments at Illinois State University, or may be appropriate transfer credit. Electives in other departments: LAN 111, 112, 115, 116 (8 hour maximum); FIL 185; MQM 220, 221; POL 201, 215, 231, 330, 331; PSY 223, 233, 302, 350; SOC 223, 263, 264, 365, 367; SED 362. Students who major in Criminal Justice Sciences must complete the following courses or equivalents: ENG 145; PSY 110 or 111; SOC 106.

*Students seeking enrollment in CJS 398.01 and 398.02 must complete necessary paperwork for application to the internship which will be received during mandatory meetings set by the Internship Coordinator. To be eligible, the student must have: (1) completed 90 semester hours, (2) an overall and major GPA of 2.40 at the time referrals are made, and (3) completed all required courses including SOC 106; PSY 110 or 111; and ENG 145. Students who have completed accredited corrections and/or police training may substitute this training for a portion of the internship with departmental approval. Students eligible for an internship will, with the assistance of the internship coordinator, choose an agency from a list of approved agencies. Students may also participate in out-of-state internships.

MINOR IN CRIMINAL JUSTICE SCIENCES

- 21 hours required.
- Required courses: CJS 101, 200, 201, 207, 208.
- 6 hours of electives selected, with the approval of an academic advisor, from the Department of Criminal Justice Sciences course offerings.
- NOTE: Space in Criminal Justice Sciences courses is limited for non-majors.

IDS Minor in Ethnic Studies (Revision)**(Lessoff/Kahl)**

Lessoff summarized last week's discussion of the proposal to revise the Minor in Ethnic Studies. There are two amendments: (1) SOC 264 needs to be removed from Group II, and (2) a note needs to be added to the catalog copy that indicates that HIS 104 and IDS 121 may each be taken only once for credit.

Morenus reported that Academic Affairs sent a formal notice, via email, returning the proposal to delete the Minor in Ethnic and Cultural Studies back to the University Curriculum Committee.

With no further discussion, Lessoff moved to approve the amended proposal, Kahl seconded and the committee voted unanimously to approve. Catalog copy follows:

University-Wide Curriculum**Interdisciplinary Studies****MINOR IN ETHNIC STUDIES**

**Director: Susan Kalter, Department of English
203 Williams/Stevenson 420E, Campus Box 4240
(309) 438-8660; smkalte@ilstu.edu**

Website: <http://lilt.ilstu.edu/ethnicstudies/>

Ethnic Studies is the study of race and ethnicity in U.S. and transnational contexts. Students and faculty in this area examine how social categories like race, indigeneity, culture, ethnicity, and nation are conceptualized. They also familiarize themselves with the specific and comparative experiences both historical and contemporary of the major population groups that make up the United States. The program at Illinois State allows participants to examine regional, national, and global dimensions of these experiences.

Student in the minor must complete a minimum of 22 hours representing 8 courses as indicated from Groups I, II, and III; at least 4 courses must be above the 100-level; no more than 3 courses may be from one department or school. Students may use departmental or IDS 287, 298, or 398 courses for one course in Group II and/or one course in Group III. No more than 9 hours applied toward this minor may overlap with hours applied toward any other minor.

Students interested in pursuing a major in this area may arrange their program of study through the Interdisciplinary Studies Major program.

Minors are also available in three specific areas: African-American Studies; Latin American, Caribbean, and Latino/a Studies; and Native American Studies.

A list of affiliated faculty and more information is available on the Ethnic Studies website.

Group I - Ethnicity (Students must complete 2 courses)

—ANT 281, 285; C&I 110; COM 272, 372; HIS/SOC 111; IDS 105, *121.52; POL 334; SOC 264, 366.

NOTE: Other courses with appropriate content for Group I may be approved by the faculty director.

Group II - Race and Ethnicity in the United States. (Students must complete 4 courses chosen from at least 2 departments or schools.)

— ANT 272; C&I 232, 312, 319, 320, 321, 322; ENG 165, 265, 266, 365; *HIS 104.06, 257, 258; 264, 273, 310; *IDS 121.29, *121.37, *121.40, 121.41; MUS 153, 154; POL 336, PSY 327; SOC 109; SWK 310; THE 154.

would be replaced with PSY 110. With no further discussion, Standard moved to approve as corrected, Hawkins seconded, and the committee voted unanimously to approve. Catalog copy follows:

MAJOR IN INDUSTRIAL TECHNOLOGY

Construction Management Sequence:

Construction Management is an interdisciplinary curriculum that provides a background in construction administration, construction technology, architectural and engineering principles, applied science, and mathematics. The goal of the sequence is to prepare construction professionals capable of managing projects to completion from plans prepared by design professionals. Course work emphasizes the allocation of labor, equipment, and material to construction projects in order to achieve completion at maximum efficiency of time and cost. The program focus is on production and management capabilities. The Construction Management sequence is accredited by the American Council on Construction Education (ACCE). Graduates are prepared to assume leadership positions in residential, commercial and specialty construction. Initial employment may include: field supervision, project management, estimating, and scheduling. Positions are also available in related areas such as code enforcement, construction financing, product sales, quality control, and safety management.

- 91 hours required.
- 20 hours in General Education: MQM 100; PSY 110; CHE 102; MAT 120; PHY 105; and 3 hours from one of the following: CHE 204; GEO 202, 207; or PHY 207.
- 10 hours in Industrial Technology core: TEC 100, 270, 313; HSC 272.
- 42 hours of required sequence courses: TEC 116, 120, 121, 123, 222, 223, 224, 226, 229, 292, 322, 325, 326, 327, and 394.
- 6 hours of sequence elective courses selected from the following: TEC 111, 211, 225, 240, 328, 329, 398 (3 hours); GEO 370.
- 10 hours from the College of Business and Department of Economics including: ACC 131; ECO 105; and FIL 185.
- 3 hours of sequence management electives from the following: HSC 385; MKT 230; TEC 320, 330, 370.

Industrial Computer Systems Sequence:

Industrial Computer Systems 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 industrial computer systems.

- 78 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.
- 36 hours of required sequence courses: ITK 168; MAT 108; TEC 143, 151, 243, 244, 245, 283, 284, 319, 383, and 390.
- 12 hours of additional courses selected from the following: ITK 254; TEC 116, 150, 211, 216, 240, 250, 263, 317, 318, 320, 345, 348, 352, 370, 398 (3 hours).

Integrated Manufacturing Systems Sequence:

Integrated Manufacturing Systems is an interdisciplinary curriculum that provides experiences in the following areas: Product Design, Process and Production Control, or Industrial Plastics. The goal of the sequence is to prepare professionals capable of managing projects and processes in industrial settings. Course work emphasizes the management of people, processes, and materials through hands-on activities. Initial employment opportunities include: project management, process control, production management, product design, quality control support, and technical sales.

- 75 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 271.
- 30 hours of required sequence courses: TEC 111, 116, 130, 216, 233, 240, 263, 285, 292, and 392.
- 12 hours minimum of sequence elective courses selected from one of the following concentrations: Plastics Technology, Production and Process Control, or Product Design. Students should see the department advisor for specific course recommendations: TEC 212, 234, 244, 315, 317, 318, 345, and 384.
- 3 hours of department electives from the following: TEC 320, 370, or 398.

DOUBLE MAJOR

Degree Offered: B.S.

NOTE: Only core courses and acceptable substitutions (CHE 102; HSC 271; TEC 100, 270, 313 and 330; MAT 120; MQM 100; PHY 105) may be used to meet the requirements for a double major in Industrial Technology.

Allowable substitutions for required courses:

- Acceptable substitutions for CHE 102 are CHE 110 and 112, or CHE 140.
- Acceptable substitution for MAT 120 is MAT 144 or 145.
- Acceptable substitution for MQM 100 is ECO 138.
- Acceptable substitutions for PHY 105 are PHY 108 or PHY 110.
- Acceptable substitution for TEC 270 is MQM 220.
- Acceptable substitutions for TEC 330 are ACC 131 and ACC 132.

MAT Actuarial Science Sequence (Revision)

(Palmer/Stier)

Kaesberg moved to suspend the “discussion one week – action the next” rule to take action on the proposal to revise the Actuarial Science Sequence today, Petro seconded, and the committee unanimously approved. Palmer moved to approve the proposal, Cook seconded, and the committee voted unanimously to approve the proposal pending completion of circulation on October 30, 2007. Catalog copy follows:

Actuarial Science Sequence:

This sequence of the major is designed to teach the students the mathematical foundations of actuarial science, and to prepare them for careers as actuaries in a variety of fields dealing with the risk of potential financial losses, such as life insurance, health insurance, financial risk management, property/casualty/liability insurance, pensions, or employee benefits.

- 67 hours required.
- Required courses: MAT 145, 146, 147, 175, 280, 350, 351, 353, 380, 383, 384; ACC 131, 132; ECO 105; FIL 242, 250, 341; ITK 168 or ITK 177.
- Submission of senior portfolio (see actuarial advisor).
- Students are encouraged to take MAT 298 (professional internship) MAT 283 (actuarial computing) and intensive reviews for actuarial examinations offered through the Illinois State University Conferencing Unit.

Suggested Mathematics Schedules for Actuarial Science Majors:

Schedule (a) Students beginning with Precalculus

Schedule (b) Students beginning with Calculus I

Schedule (c) Accelerated schedule for honors students or those preparing for graduate school

Semester	(a)	(b)	(c)
1	144	145	145
2	145	146	146
3	146	147	147, 175
4	147	175, 280	280, 350
5	175, 350	350	351, 380
6	280, 351	351	384
7	353, 380, 383	353, 380, 383	353, 383
8	384	384	Open

Required courses in the Actuarial Science Sequence (outlined above) provide the contents of the Society of Actuaries examinations P, FM, M (both MLC and MFE) and C, or the Casualty Actuarial Society examinations 1, 2, 3 and 4, as well as complete VEE requirements. Courses correspond to professional actuarial examinations as follows:

SOA exam P (same as CAS exam 1): MAT 350

SOA exam FM (same as CAS exam 2): MAT 280

SOA exam MLC and CAS exam 3L: MAT 380, and part of MAT 383

SOA exam MFE and CAS exam 3F: MAT 383

SOA exam C (same as CAS exam 4): MAT 384

CAS exam 3: MAT 351, MAT 380, MAT 383

VEE Statistics: MAT 353

VEE Economics: ECO 105

VEE Finance: FIL 242 and FIL 341

4. PROPOSAL DISCUSSION:

MAT Actuarial Science Sequence (Revision)

(Palmer/Stier)

Krzysztof Ostaszewski from Mathematics was present to answer questions. Palmer presented a review of the proposal to revise the Actuarial Science Sequence in the Major in Mathematics.

- Currently, Actuarial Science students must take ITK 168; this proposal offers an option of taking ITK 177 or ITK 168.
- Krzysztof Ostaszewski explained that at one time there were two classes from which to choose, but one of the courses was removed when the course changed and the content became inappropriate. The School of Information Technology contacted him and said that they thought that ITK 177 would be an appropriate course for the actuarial sequence and he agreed.
- Palmer reported that there is an email from ITK to confirm that they support adding ITK 177.
- Palmer asked Ostaszewski if, since the catalog states that it is for FIL majors only, FIL 242 should be one of the required courses. Ostaszewski answered that there is an agreement with Finance, Insurance, and Law and actuarial students are treated the same as FIL students; except for the actuarial students the prerequisite of FIL 240 is waived, and the actuarial students must take the more difficult MAT 280.

Kaesberg moved to suspend the “discussion one week – action the next” rule to take action on the proposal to revise the Actuarial Science Sequence today, Petro seconded, and the committee unanimously approved. (See “Proposal Action” above.)

5. LIAISON REPORTS:

- a. Council on General Education: Morenus reported that CGE is working on their course proposal package.
- b. Council on Teacher Education: Palmer – Nothing to report.

c. Academic Affairs Committee: Lessoff – Nothing to report.

6. **STAFF REPORT:** Rosenthal distributed a draft of the proposed guidelines for the 5-year review of the Interdisciplinary Minors and asked the committee to review the proposed guidelines for discussion at the next UCC meeting.

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

Revised Courses:

CJS

208 CRIMINAL LAW 3 sem. hrs.

Survey of criminal law, including development of substantive criminal law. Examination of judicial opinions related to the criminal justice process. Formerly CJS 304. Prerequisites: CJS 101. Major/minor only or consent department advisor.

305 RULES OF EVIDENCE FOR THE ADMINISTRATION OF JUSTICE 3 sem. hrs.

Types of evidence, standards of proof, and legal requirements relating to the admissibility of evidence in court. Prerequisites: CJS 101 and 208. Junior standing (60 hours completed). Major/minor only or consent department advisor.

TEC

354 PRINT PRODUCTION PLANNING AND PROFITABILITY 3 sem. hrs.

Printing production workflow analysis, cost estimating, scheduling, job costing, and profitability. Use of computer-assisted management software. Lecture. Formerly *MANAGING PRINTING AND IMAGING TECHNOLOGIES*. Prerequisites: TEC 257.

356 GRAPHIC COMMUNICATIONS BUSINESS PRACTICES 3 sem. hrs.

Current management trends in the profession, with specific emphasis on production management and legal issues for graphic communications businesses. Lecture. Formerly *MANAGING PRODUCTION IN PRINTING/IMAGING TECHNOLOGIES*. Prerequisites: TEC 351. Major/minor only or consent dept advisor.

358 DIGITAL MEDIA MANAGEMENT 3 sem. hrs.

Study of web publishing, digital asset management, variable data printing, and networking issues for graphic communications businesses. Lecture, labs and field trips. Materials charge optional. Prerequisites: TEC 319 or 354. Major/minor only or consent department advisor.

8. **ADJOURNED:** Cook moved to adjourn, Standard seconded, and the meeting was adjourned at 3:40 p.m. The next meeting will be held November 7, 2007.