UNIVERSITY CURRICULUM COMMITTEE
Minutes #8 approved *(2008-2010 Undergraduate Catalog)*
October 10, 2007

Members Present: Buckley, Clairardin, Cook, Gillespie, Kaesberg, Kahl, Lessoff, Morenus, Palmer, Petro, Radakrishnan, Rosenthal, Smith, Standard, Stier, Trefzger
Members Absent: Dean, Hawkins
Guests Present: Tim Hunt, English; Terry Dennis, Information Technology; Karen Mark, Psychology; Jess Ray, Office of the University Registrar

1. Morenus convened the meeting at 3:07 p.m.

2. APPROVAL OF MINUTES: #7, October 3, 2007. Several grammatical corrections were noted. Kaesberg moved to approve the minutes with corrections, Clairardin seconded. The minutes were unanimously approved with corrections.

3. PROPOSAL ACTION:

BSC/CHE   Major in Biochemistry/Molecular Biology (Revision)   (Trefzger/Stier)

Trefzger reviewed last week's discussion of the proposal to revise the Major in Biochemistry/Molecular Biology. Trefzger said that Steve Peters from Chemistry contacted him and asked to amend the catalog copy to read "CHE 360 or 370," instead of just 370, in the list of required courses. Chemistry was concerned about the wording in the proposal and how it would impact students that wish to double major in BMB and Chemistry. Students who wish to double major must take CHE 360 and the proposal did not make that clear. The department will advise students in regards to which course they should take. There was no opposition to changing the catalog copy to say "CHE 360 or 370."

Trefzger moved to approve the proposal with the amended catalog copy, Stier seconded, and the committee voted unanimously to approve. Catalog copy follows:

BSC/CHE

MAJOR IN BIOCHEMISTRY/MOLECULAR BIOLOGY PROGRAM

— **34 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 PHY110 and 111) must be completed prior to enrolling in CHE 360 or CHE 361.**
— **The following courses are in the General Education program: BSC 196, 197; CHE 140; MAT 145; PHY 108, 110.**
— **The following general electives are highly recommended: 1 year of a foreign language, a course in computer programming, and a course in technical writing (ENG 249 Technical Writing).**
— **Optional electives, in consultation with the BMB Advisor, may be selected from the following: BSC 253, 260, 283, 305, 321, 326, 329, 353, 354, 361, 367, 368, 380; 389.28; CHE 290, 350, 351, 362, 363, and certain CHE 380-level courses with approval of the BMB advisor.**
— **American Chemical Society Certification can be obtained by completing the Chemistry major requirements. Additional requirements include CHE 350, 351, 362, 363.**
— **Molecular Biology Emphasis: recommended courses include BSC 260, 353, and 354.**

ENG   Minor in English for Teacher Education (Revision)   (Clairardin/Buckley)

Clairardin reviewed last week's discussion of the proposal to revise the Minor in English for Teacher Education. The only remaining issue was whether to add the disclaimer paragraph. It was decided last week to wait until the Council on Teacher Education establishes the language for all teacher education minors in the catalog.

Clairardin moved to approve the proposal to revise the Minor in English for Teacher Education, Buckley seconded, and the committee voted unanimously to approve. Catalog copy follows:

ENG

MINOR IN ENGLISH

For Teacher Education:

— **24 hours in English required, exclusive of ENG 101.**
— **2.50 GPA in all English courses taken at Illinois State University.**
— **Required courses: 6 hours in literature: ENG 229 and 3 hours from ENG 110, 130, 150; 6 hours in writing: ENG 145, 246; 3 hours in language: ENG 243.**
— **9 hours of electives from: ENG 160, 165, 241, 244, 245, 247, 248, 249, 250, 251, 260, 261, 271, 272, 308, 310, 341, 342, 347, 349, 360, 365, 370 (courses not selected from the literature, writing, or language course lists can also serve as electives).**
— **At least 15 of the 24 hours must be at the 200- through 300-level.**

ENG   Publishing and the Nonprofit Literary Arts Sequence (Revision)   (Buckley/Trefzger)

Tim Hunt was present from English. Buckley reviewed last week's discussion of the proposal to revise the Publishing and the Nonprofit Literary Arts Sequence to add the 2.75 GPA requirement, the new courses and an elective. He reminded Tim Hunt from English that the request to change the title of the sequence to Publishing Studies Sequence needed to be sent to the Provost for approval. With no additional discussion or concerns, Buckley moved to approve the proposal revision, with the exception of the title change request; Trefzger seconded, and the committee voted unanimously to approve. Catalog copy follows:

Publishing and the Nonprofit Literary Arts Sequence

    This program is designed to prepare graduates for careers in academic, commercial, digital, literary, nonprofit, or technical publishing.

— **2.75 GPA in English courses taken at Illinois State University required.**
— **52 hours required.**
— **19 hours in English core: ENG 100 with a C or better, ENG 300, 6 hours selected from ENG 283, 284, 285, or 286; 3 hours selected from British Literature courses; and 3 hours selected from American Literature courses.**
— **18 hours of foundational courses: ENG 247, 249, 254, 353, and 354; 3 hours from either ENG 350 or 351.**
— **6 hours advanced courses selected from: ENG 355, 356, or 357.**
— **6 hours ENG 398.**
— **3 hours selected from any 300-level English course.**

ITK   Major in Computer Science (Revision)   (Cook/Lessoff)
       General Computer Sequence (New)
       Enterprise Computing Engineering Sequence (New)
       Integration of Enterprise Systems Sequence in the Major in Information Systems (New)

Terry Dennis was present from Information Technology. Cook reviewed last week's discussion of the proposals to create the new sequences in Computer Science and Information Systems. Cook asked if the letters of concurrence were received from the affected departments. Terry Dennis has letters from three departments, but there are several more who should respond. Lessoff said that he didn't think the proposal should be held up because of the missing letters of concurrence because the courses are listed in other ITK sequences and ITK reports that enrollment is down by 200 students. Cook said that departments might have become used to the lower enrollments and the increase in students registering in their courses might be problematic. Rosenthal asked UCC to give the departments a week longer to reply. The proposals for the new sequences were tabled for action at next week's meeting.

ITK   Major in Telecommunications Management (Revision)   (Standard/Smith)

Standard reviewed last week's discussion of the proposal to revise the Major in Telecommunications Management. With no further discussion, Standard moved to approve the proposal, Smith seconded, and the committee voted unanimously to approve. Catalog copy follows:

MAJOR IN TELECOMMUNICATIONS MANAGEMENT

> **Telecommunications Management is concerned with information systems, telecommunications technology, computer technology, business practices, policy issues, and psychological/social considerations involved in voice, data, image, and facsimile transmission. This multidisciplinary program prepares undergraduate students to enter the telecommunications industry in entry-level positions with adequate preparation to assume management positions once work experience is gained. Graduates will possess an in-depth technical understanding of computer networks and telecommunication systems as well as an appreciation of the economic and public policy issues that are important in the design and development of local and wide area networks, and national and multinational telecommunication systems. A minor is not required.**

Major courses (57 hours):
   Information Technology core (10 hours):
      —ITK 160, 177, 261.
   Professional Practice (7 hours):
      —ITK 191.
      —1 of: 3 options:
         — 6 hours of ITK 398, or
         — 3 hours of ITK 391 and 3 hours of ITK 398, or
         — 3 hours of ITK 391 and 1 course from ITK 351, 353, 371, 374, 378, 380, 382 (if not used to satisfy other requirements).
   Telecommunications Technology (27 hours):
      —ITK 254, 277, 373, 375, 377, 379.
      —TEC 383.
      —2 additional courses from: ITK 351, 353, 371, 374, 378, 380, 382 (if not used to satisfy other requirements).
   Economic, Legal, Public Policy (13 hours):
      —ECO 105, 235.
      —1 course from: FIL 311, 312; POL 318.
      —1 course from: MQM 221; PSY 230.
Supporting requirements (29 hours):
   Mathematics and Statistics (11 hours):
      —1 course from: MAT 120 or 145.
      —1 course from: MAT 146 or 160.
      —1 course from: ECO/GEO/POL/PSY 138;
         MQM 100;
Communication and Organization (15 hours):
      —1 course from: COM 202, 227; ENG 249.
      —ACC 131; COM 223; FIL 185; MQM 220.
   Ethics (3 hours):
      —PHI 234.

LAN   Minor in Latin for Teacher Education (Deletion)   (Kahl/Dean)

Kahl reviewed last week's discussion of the proposal to delete the Minor in Latin for Teacher Education. Kahl reported that he contacted Jim Pancrazio in Languages, Literatures, and Cultures and asked about adding a bullet to the Minor in Latin explaining to students that they can earn an endorsement by passing the state of Illinois content test (even though the Minor in Latin for Teacher Education has been deleted). LAN agreed to add the suggested text to the Minor in Latin. With no further discussion, Kahl moved to approve deletion of the Minor in

Latin for Teacher Education, Petro seconded, and the committee voted unanimously to approve. The proposal will be sent to the Academic Senate for review/approval. Catalog copy to be deleted follows:

MINOR IN LATIN

For Teacher Education:

— **Program requirements are the same as those for the Minor in Latin.**
— **Students not majoring in Languages, Literatures, and Cultures Education are encouraged to take LAN 319.**

PHY   Minor in Physics for Teacher Education (Revision)   (Palmer/Kaesberg)

Palmer reviewed last week's discussion of the proposal to revise the Minor in Physics for Teacher Education. The disclaimer paragraph will be added after the Council on Teacher Education has drafted and approved text to be used for teacher education minors. Palmer moved to approve the proposal, Kaesberg seconded, and the committee voted unanimously to approve. Catalog copy follows:

MINOR IN PHYSICS

For Teacher Education:

— **27 hours in Physics required.**
— **Required courses: PHY 110, 111, 112, 270, and 311.**

TEC   Minor in Industrial Technology (Revision)   (Hawkins/Standard)
**   Minor in Technology Teacher Education (Revision)**
**   Major in Technology Teacher Education (Revision)**

Standard reviewed last week's discussion of the proposal to revise the Minor in Industrial Technology. With no further discussion, Standard moved to approve the proposal, Kahl seconded and the committee unanimously voted to approve. Catalog copy follows:

MINOR IN INDUSTRIAL TECHNOLOGY

— **21 hours required through advisement.**
— **6 of the 21 hours required must be upper level coursework.**
— **No more than 9 hours from the Industrial Technology major program of study may be applied to the minor.**
— **Courses must be chosen from the following list: TEC 111, 116, 120, 121, 123, 130, 143, 150, 151, 152, 211, 212, 216, 222, 223, 224, 225, 226, 229, 233, 234, 240, 243, 244, 245, 250, 253, 257, 263, 270, 283, 284, 285, 292, 313, 315, 317, 318, 319, 320, 322, 325, 326, 327, 328, 329, 330, 345, 348, 350, 351, 352, 353, 354, 356, 358, 383, 384, 390, 392, 394; and HSC 271 or 272 or 385.**

Standard reviewed last week's discussion of the proposal to revise the Minor and Major in Technology Education. With no further discussion, Standard moved to approve both the Minor and the Major revisions, Cook seconded, and the committee voted unanimously to approve. Catalog copy follows:

MINOR IN TECHNOLOGY EDUCATION

— **28 semester hours of required technical core courses: TEC 111, 116 or 150, 120 or 130, 303, 304, 305, 307; MAT 108; and PHY 105.**
— **In order to teach, students completing a minor in technology education must complete a sequence of professional education coursework and student teaching in another teacher certification endorsement area.**

MAJOR IN TECHNOLOGY EDUCATION

Technology Education includes: (1) a study of the concepts practiced in modern technological systems of energy utilization, communication, production, and transportation, and engineering-related fields; (2) the development of cognitive, psychomotor, and affective skills in these four areas related to the use of tools, materials, processes, resources, techniques, scientific principles, work (skill and organization), and products as well as their impacts on society; and (3) the professional competencies of planning, executing and evaluating instruction.

The following requirements are part of the entitlement program leading to certification; Secondary 6-12. Initial employment opportunities include: Junior High/Middle School Technology Teacher (middle school endorsement also requires PSY 302 and C&I 233), High School Technology Teacher, Vocational/Trade School Teacher, School District Technology Coordinator, Community/Junior College Instructor, Industrial Trainer/Instructor. A cumulative and major GPA of 2.50 is required for student teaching and graduation. The Technology Education Program is accredited by the Illinois State Board of Education (ISBE) and NCATE/CTTE.

— **84 hours required.**
— **4 hours General Education: PHY 105.**
— **35 semester hours of required technical core courses: TEC 101, 111, 116, 120, 130, 150, 216, 243, 303, 304, 305, and MAT 108.**
— **15 semester hours of additional Industrial Technology elective courses.**
— **30 semester hours Professional Education courses that include: C&I 212, 214, 216; EAF 231 (EAF 228 or EAF 235 may also be used to meet this requirement); PSY 215; STT 399.33; TEC 307. Successful completion of 100 clinical hours required before student teaching.**

If technology education majors wish to be certified at the middle school, PSY 302 and C&I 233 are required.

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4. **PROPOSAL DISCUSSION:**

ENG   Major in English (Revision)   (Dean/Buckley)

Tim Hunt, chair of English, was present to answer questions. Buckley presented a review of the proposal to revise the Major in English.
*   English proposes changes to three of the five required courses in the English core;
*   They propose that the gateway experience be strengthened by requiring ENG 100 be taken concurrently with ENG 102, a new "proseminar" NC/CR course that would be team-taught under the direction of the faculty member serving as the Director of Undergraduate Studies in English;
*   The genre course requirement be reduced so that students would take one course rather than three from the set (ENG 283, 284, 285, 286) and that students take, instead, two additional major elective courses at the 200- through 300-level; and
*   ENG 300 be converted from a 4-credit hour course to a 3-credit hour course, in part so that the 1-credit hour course ENG 102 can be introduced without increasing the total number of hours for the major.
*   The proposal will be an action item on the next meeting agenda.

ENG   Major in English for Teacher Certification (Revision)   (Dean/Buckley)

Buckley presented a review of the proposal to revise the Major in English for Teacher Certification.
*   Proposed changes to the requirements include a reduction in the number of hours selected from ENG 283, 284, 285, and 286 from 9 to 3 hours;
*   English is proposing that the requirement of ENG 285 be replaced with 283, in fulfillment of the new requirement specified in the Major in English. Hunt said they found that when all students were required to take ENG 285, it "killed off" the rest of the drama offerings. This proposed change gives students more flexibility.
*   They propose adding ENG 102, the new "proseminar" course to the requirements.

- Hunt said they also cleaned up catalog copy by removing "strongly recommended" after two of the course listings and said that they can use their website and other places to advise students on which courses are recommended.
- Morenus asked if the word "elective" should be plural (in the last bulleted item), Hunt agreed that it should read "electives."
- The proposal will be an action item on the next meeting agenda.

LAN   Minor in Italian Studies (Revision)   **(Petro/Gillespie)**

Petro distributed a handout and presented a review of the proposal to revise the Minor in Italian Studies.
- Languages, Literatures, and Cultures proposes adding HIS 107 to the list of approved electives;
- There is a support letter from Roger Biles, chair of the Department of History;
- The proposal will be an action item on the next meeting agenda.

LAN   Minor in Latin (Revision)   **(Petro/Gillespie)**

Petro distributed a handout and presented a review of the proposal to revise the Minor in Latin.
- Languages, Literatures, and Cultures proposes adding HIS 220 to the list of electives;
- There is a support letter from Roger Biles, chair of the Department of History;
- The proposal will be an action item on the next meeting agenda.

PSY   Minor in Psychology for Teacher Education (Deletion)   **(Stier/Palmer)**

Karen Mark was present from Psychology to answer any questions. Stier presented a review of the proposal to delete the Minor in Psychology for Teacher Education.
- Psychology proposes deleting the teacher education minor because it duplicates existing curriculum;
- The proposal rationale says that "State requirements have changed such that Psychology is considered part of social science, and students wishing to teach high school Psychology now must attain teacher certification in all of the social sciences, not just Psychology. Before this change, students could pursue the teacher education minor in Psychology and get an endorsement to teach Psychology. Since preparation for certification can be achieved by completing either the Minor in Psychology or the Minor in Psychology for Teacher Education, the redundancy in these two minor programs is leading to the decision to delete the latter."
- Stier asked if students in the minor have been contacted and Mark said they had.
- Mark brought letters of concurrence from two departments who are impacted by the deletion of the minor: Health Sciences (Health Education) and Theatre (Theatre Education).
- Rosenthal asked if students would be able to complete the minor in progress and Mark said that because the courses are all still there it is possible for them to complete the minor in teacher education if they wish to do so.

5. LIAISON REPORTS:

a. Council on General Education: Morenus – Nothing to report.

b. Council on Teacher Education: Palmer – Nothing to report.

c. Academic Affairs Committee: Lessoff – AA F will meet today to set agenda for the year.

6. STAFF REPORT: Rosenthal – Proposal from Chemistry to add policies to the Major in Chemistry:
- Chemistry asks for the addition of: "C or better is required in all Chemistry courses that are prerequisites for another Chemistry course: CHE 140, 141, 215, 230, 232, 360, 362."   Rosenthal editorially approved this request and contacted the department and asked them to add this requirement in each course prerequisite as well.
- Rosenthal asked for UCC advice on Chemistry's request to add "A maximum of 4 of the required Chemistry courses may be repeated for a replaced grade." Rosenthal said the University Repeat Policy says that any course can be repeated once for a replaced grade. Kaesberg said that Nursing has a clause about only repeating

3 courses a second time. Rosenthal will look at the wording of Nursing's policy and talk to Chemistry and find out the number of students this will impact. It was decided that this is not a UCC issue, and should be sent to Academic Affairs to review.

- Chemistry also wants to add: "A course in the major may not be taken more than twice unless the course description states 'may be repeated.' An exception may be requested once during a student's undergraduate career if the GPA in the major plan and the overall GPA is 2.0 or higher." Rosenthal said this is not a change in the current policy; they just want to make it clear to their students. There is no problem with adding this statement.

- Finally, they request to add the statement, "Chemistry courses must be taken within 10 years prior to graduation for them to count toward the B.S. degree." Trefzger said that he thinks that the College of Business has a similar policy for the business law course in the MBA program. Rosenthal acknowledged that the graduate school has a policy (not sure about the number of years). Palmer said that the College of Education has been looking at having this kind of policy as well. Rosenthal said that this is a graduation requirement and not a policy for the UCC to decide; he will explore further but will likely refer to Academic Affairs.

- Rosenthal will send an email to the chair of the Department of Chemistry to communicate the results of this discussion.

7. **INFORMATION:** The University Curriculum Committee Executive Secretary approved the following (*for the 2008-2010 Catalog):*

New Courses:

CHE

370   PHYSICAL BIOCHEMISTRY
       3 sem. hrs.
This course covers the principles of thermodynamics and kinetics, and how these principles are applied to relevant biochemical processes. Formerly CHE 389.02; not for credit if had CHE 360. Prerequisites: CHE 215, 342; PHY 109 or 111; and MAT 146, or consent instructor.

C&I

264   LANGUAGE ARTS INSTRUCTIONAL STRATEGIES
       3 sem. hrs.
The curriculum organization, instructional strategies, and instructional materials for literacy programs. Prerequisites: C&I 208; 45 contact hours.

ENG

254   INTRODUCTION TO PROFESSIONAL PUBLISHING
       3 sem. hrs.
Study and practice of editorial, production, printing, and marketing processes involved with producing a book or journal. Computer assisted. Prerequisites: C or better in ENG 100 and B or better in ENG 101, or consent department chair.

355   FORENSIC BIBLIOGRAPHY ANDARCHIVAL EDITING
       3 sem. hrs.
History of print culture from orality to digital text; introduction to principles and practices of bibliographic investigation and scholarly editing. Prerequisites: B or better in ENG 246, 247, 248, or 249; Junior/senior standing or graduate standing or consent instructor.

356   PROPOSAL WRITING IN THE ARTS AND HUMANITIES
       3 sem. hrs.
Rhetorical and economic principles of proposal writing in the arts and humanities, including analyzing CFPs and researching and writing proposals. Prerequisites: C or better in ENG 246, 247, 248, or 249; Junior/senior standing or graduate standing or consent instructor.

New Courses (continued):

TEC

304   MEDICAL, AGRICULTURAL, AND BIO-RELATED TECHNOLOGIES
          3 sem. hrs.
A study of technological systems related to medical, agricultural, and bio-related technologies. Lecture and lab. Prerequisites: TEC 101 or 301.

Revised Courses:

CHE
          (prereqs)
361   PHYSICAL CHEMISTRY LABORATORY I
          1 sem. hr.
Laboratory applications of principles treated in physical chemistry. Materials charge optional. Prerequisites: CHE 360 or 370 or concurrent registration.

LAN (SPA)

          (prereq)
223   ADVANCED SPANISH COMPOSITION
          3 sem. hrs.
Study of advanced composition skills in Spanish, including formal and informal writing, use of dictionaries and reference materials, orthography, and vocabulary building. Prerequisite: SPA 213.

          (prereq)
243   CULTURA ESPAÑOLA
          3 sem. hrs.
Spanish customs and institutions in their historical perspective. Formerly *CIVILIZACIÓN ESPAÑOLA*. Prerequisite: SPA 223.

          (prereq)
244   CULTURA HISPANOAMERICANA
          3 sem. hrs.
Cultural life and customs of Spanish-speaking countries in the Americas. Formerly *CIVILIZACIÓN HISPANOAMERICANA*. Prerequisite: SPA 223.

TEC
          (prereqs)
243   COMPUTER NETWORKING SYSTEMS
          3 sem. hrs.
Implementation of the principles of local area network architecture, including server and client hardware specifications and configurations. Lecture and lab. Materials charge optional. Prerequisites: Major/minor only or consent dept advisor.

          (title, content)
302   CURRICULUM DEVELOPMENT, TECHNOLOGICAL DESIGN
          AND PROBLEM SOLVING
          3 sem. hrs.
Foundation and methodology concepts used to deliver and assess technology-based design and problem solving in the K-12 classroom/laboratory. Materials charge optional. Formerly *TEACHING TECHNOLOGICAL DESIGN AND PROBLEM SOLVING*. Prerequisites: Education major, graduate student, or practicing teachers only.

TEC

   (number, level, title, prereqs)
305   TEACHING TRANSPORTATION, ENERGY, AND POWER TECHNOLOGIES
       3 sem. hrs.
Instruction and practice developing, teaching, and assessing transportation, energy, and power technologies curricula using a standards-based approach. Lecture and lab. Formerly TEC 201 *TEACHING TRANSPORTATION TECHNOLOGY*. Prerequisites: TEC 101 or 301 or demonstrated equivalent competencies. TEC 111 and 116 or concurrent registration.

   (number, level, prereqs)
307   COMPETENCIES FOR TEACHING
       4 sem. hrs.
Curriculum planning, teaching, and evaluation strategies, and professionalism for Technology Education teachers. Includes Clinical Experience. Lecture. Formerly TEC 203. Prerequisites: TEC 305 and C&I 216 or concurrent registration. Concurrent registration in Student Teaching or within one semester.

Decimalizations:

CHE

380.59   TOPICS IN CONTEMPORARY CHEMISTRY: ATMOSPHERIC CHEMISTRY
       3 sem. hrs.
Advanced study of atmospheric chemistry. Topics covered include basic atmospheric structure and physics, photochemical smog, ozone depletion and greenhouse gas production with an emphasis on recent discoveries in the field. Prerequisites: CHE 362 or consent instructor.

Deleted Courses:

LAN (SPA)

262   EXPLAINING SPANISH GRAMMAR
       3 sem. hrs.
Advanced study of contrasts in Spanish and English grammar, with a focus on explaining the differences. Formerly 310 SPANISH SYNTAX. Prerequisites: SPA 215 or consent instructor.

Editorial Changes:

HSC

   (prereqs)
257   AIR QUALITY AND POLLUTION CONTROL
       3 sem. hrs.
Air contaminants found in the ambient air, workplace, and home, including health effects, measurement, and control. Lecture and lab. Materials charge optional. Formerly HSC 357. Prerequisites: CHE 140, 141; or concurrent registration; MAT 119; KNR 182 or concurrent registration; HSC 145.

8.   **ADJOURNED:** Clairardin moved to adjourn, Cook seconded, and the meeting was adjourned at 4:15 p.m. The next meeting will be held October 17, 2007.