

or 385 and at least one additional Art History course from 100-, 200-, or 300-level (ART 275 is strongly recommended).

- 3 hours (minimum) Art electives. Students are encouraged to enroll in as many additional Art electives as their schedule and capabilities allow to deepen study in a single discipline.
- 26 hours Professional Education requirements: TCH 212, 216, 219; PSY 215; EAF 228 or 231 or 235; STT 399 (12 hours - entire semester experience).

NOTE: All Teacher Education students are required to pass the State of Illinois Test of Academic Proficiency (TAP) in language arts, reading, writing, and mathematics before registering for TCH 216, 219 and ART 309. For this reason, students should take the State of Illinois Test of Academic Proficiency (TAP) (fee required) as early as possible. Students are required to pass the Illinois K-12 Art Content Exam, submit a Criminal Background Check and a negative TB test prior to student teaching.

The sequence in Teacher Education may also be combined with a Sequence in Studio Arts, Graphic Design, or Art History. Pursuing a double sequence may require additional semesters. However, this option is strongly recommended to prepare students better for teaching art in the public schools of today. See catalog copy under the other sequences for further information, including Discipline Areas within the Studio Arts.

Students are also encouraged to take course work in Urban Education and Languages, Literatures, and Cultures.

FCS FAMILY AND CONSUMER SCIENCES TEACHER EDUCATION SEQUENCE (Revise) Lippert and Prud'homme

With no further discussion needed, Cook moved to suspend the practice of “discussion one week-action the next” and move on the proposal today, Dustin seconded, and with no objections, the committee approved by acclamation. Lippert moved to approve the proposal to revise the Teacher Education Sequence in the Major in Family and Consumer Sciences, Neisler seconded, and the committee approved by acclamation. Catalog copy follows:

Family and Consumer Sciences Teacher Education Sequence:

Part of the endorsement program leading to licensure by the State of Illinois for teaching Family and Consumer Sciences courses grades 6-12. “Nutrition, Wellness, and Hospitality” designation.

- 61 total hours required.
- 37 hours of Family and Consumer Sciences courses required.
- 8-hour FCS core: FCS 100, 200, 300.
- 29-hour sequence: FCS 102, 111, 113, 203, 231, 250, 390, 3 hours required from: FCS 104, 242, or 338, 3 hours required from: FCS 122, 222, 225, or 226, and 3 hours required from: FCS 232 or 330.
- 24-hour Professional Education requirements: EAF 228 or 231 or 235; PSY 215; TCH 212, 216 and 219; STT 399 (10 hours).

See the Family and Consumer Sciences advisor for information about courses that count towards additional Family and Consumer Sciences designations. See Professional Studies Admission-Retention program found in the University-Wide Professional Studies Program Requirements for admission and retention standards. Also see the Family and Consumer Sciences Selective Admission-Retention Requirements section of this Undergraduate Catalog.

PHY COMPUTER PHYSICS SEQUENCE (Revise)
ENGINEERING PHYSICS SEQUENCE (Revise)
PHYSICS SEQUENCE (Revise)
TEACHER EDUCATION SEQUENCE (Revise)

Trefzger and Lieberman

With no further discussion needed, Cook moved to suspend the practice of “discussion one week-action the next” and move on the proposals today, Dustin seconded, and with no objections, the committee approved by acclamation. Trefzger moved to approve the proposals to revise the Computer Physics, Engineering Physics, Physics, and Teacher Education Sequences in the Major in Physics, subject to suggested catalog edits, Lieberman seconded, and the committee approved by acclamation. Ryburn will work with Rutherford on the suggested catalog changes. Catalog copy (with suggested changes) follows:

Physics Sequence:

- **52 hours required.**
- **44 hours in Physics required.**
- **Required courses: PHY 107, 110, 111, 112, 217, 220, 240, 270, 284, 307, 325, 340, 370, 384; 6 additional hours of 300-level Physics courses chosen from: PHY 320, 330, 355, 375, 380, and 387. NOTE: PHY 375 may be substituted for PHY 370.**
- **CHE 140 and 141 are required for the major. (3 hours of CHE 140 also count toward General Education requirements.)**

Computer Physics Sequence:

- **47 hours required.**
- **44 hours in Physics are required.**
- **Required courses: IT 254; PHY 107, 110, 111, 112, 217, 220, 240, 270, 284, 307, 318, 325, 388, 390; 6 additional hours of 300-level Physics courses of which at least 1 course must be chosen from PHY 320, 340 and 384; Computer Physics majors should take Natural Science Alternative (NSA) General Education courses.**

**Engineering Physics Program with University of Illinois
(or Other Approved Engineering University):**

- **53 hours required.**
- **45 hours in Physics and Engineering required.**
- **Required courses: PHY 107, 110, 111, 112, 217, 220, 240, 270, 284, 307; 17 additional hours of approved upper division courses transferred from the chosen engineering university.**
- **CHE 140 and 141 are also required. (3 hours of CHE 140 also count toward NSA General Education requirements.)**

Physics Teacher Education Sequence:

- **77 total hours required.**
- **40 hours in Physics required. Part of entitlement program leading to the science professional educator license with secondary 9-12 endorsement.**
- **Required courses: PHY 107, 110, 111, 112, 205, 209, 217, 220, 270, 302, 307, 310, 311, 312 and 353. Majors must also take either PHY 240 or 284.**
- **Supporting courses required (15 hours): BSC 101; CHE 140 and 141; and GEO 100 (BSC 101 and 3 hours of CHE 140 also count toward General Education requirements).**
- **Professional Education requirements (22 hours): EAF 228 or 231 or 235; PSY 215; TCH 212, 216, 219; STT 399.72 Student Teaching (8 hours). Students must pass all sections of the State of Illinois Enhanced Test of Academic Proficiency (TAP) before they can register for TCH 216 and 219.**

5. PROPOSAL DISCUSSION:

ART ART TEACHER EDUCATION SEQUENCE (Revise) Morey and Latham

Morey distributed a handout and presented a review of the School of Art proposal for revision of the Art Teacher Education Sequence.

- The School of Art proposes the addition of a new course, ART 212, Teaching in the Digital Art Studio, to the required sequence courses. The addition of the 3-hour course will increase the required sequence hours from 33 to 36.
- To offset the added 3-hour course, the hours of Art electives will be reduced from 6 to 3.

Comments/Questions:

- The revised sequence and new course seem to clearly meet a need for better preparation of art teachers without impacting the credit limitations. The proposed course will address the current challenge art education majors have in accessing upper level art studio courses that are in high demand by other art students and will introduce the technical processes and related effective pedagogical approaches needed for teaching in the 21st century K-12 classrooms.
- The proposed revised sequence and new course have been aligned with the Illinois Visual Arts Content Area Professional Teaching Standards and the National Art Education Association Standards for Art Teacher Preparation, as well as ISU's Conceptual Framework.

With no further discussion needed, Cook moved to suspend the practice of “discussion one week-action the next” and move on the proposals today, Dustin seconded, and with no objections, the committee approved by acclamation. (See “Proposal Action” above.)

FCS FAMILY AND CONSUMER SCIENCES TEACHER EDUCATION SEQUENCE (Revise) Lippert and Prud'homme

Jan Murphy from Family and Consumer Sciences was present. Lippert distributed a handout and presented a review of the proposal to revise the Family and Consumer Sciences Teacher Education Sequence.

- The Department of Family and Consumer Sciences proposes elimination of FCS 101 and 103 from the required core, and the addition of FCS 100, resulting in a reduction of hours in the core from 11 to 8.
- The revised FCS core will provide foundational knowledge of the profession and the integrative nature of the various FCS disciplines, and a better understanding of the research and scholarly knowledge base in each program.
- The total hours in the program will be reduced from 40 to 37.
- They propose elimination of FCS 233 from a list of three courses from which 3 hours must be taken, leaving two courses (FCS 232 or 330).

Comments/Questions:

- It was noted that the program requires more than 60 hours (37 and 24 hours of professional education) but is under 124.

With no further discussion needed, Cook moved to suspend the practice of “discussion one week-action the next” and move on the proposals today, Dustin seconded, and with no objections, the committee approved by acclamation. (See “Proposal Action” above.)

PHY COMPUTER PHYSICS SEQUENCE (Revise)
ENGINEERING PHYSICS SEQUENCE (Revise)
PHYSICS SEQUENCE (Revise)
TEACHER EDUCATION SEQUENCE (Revise)

Trefzger and Lieberman

George Rutherford and Charles Su were present from the Department of Physics. Trefzger distributed a handout and presented a review of the proposals to revise the sequences within the Major in Physics.

- The Department of Physics proposes adding a new 1-hour course, PHY 307 Seminar in Physics, to the requirements of each of the four sequences in the B.S. Physics major (Computer Physics, Engineering Physics, Physics, and Teacher Education).
- They propose reducing the hours of PHY 107 (from 2 to 1), a course required in all four sequences. The reduction in hours of PHY 107 offsets the addition of the new 1-hour course, PHY 307.
- The existing PHY 107 contains coverage of research topics that early-stage students tend not to be prepared to deal with effectively. The new PHY 307 course will present the research topic material that was previously covered in PHY 107 and will do it at a point in students' programs when they have completed more Physics coursework and are more likely to be making career decisions.

Comments/Questions:

- The reviewers asked if the stated hour count could be changed to include the impact of the required non-Physics courses (such as 8 hours of CHE 140/141). They understand that it might be difficult to show a specific count with those kinds of hours because of the overlap of General Education science courses with courses required in the major.
- They asked at what stage students in the Engineering Physics sequence transfer to the engineering program at another university and if they completed enough coursework at ISU to be ready for career planning and other higher-level activities that constitute the new PHY 307. Rutherford answered that the program is a 3/2 program. Three years are taken here at ISU and two years at the other university, which satisfies the B.S. in Physics here and the other school's Engineering program. It was further explained that seventeen hours of upper-division Physics coursework from the engineering university is transferred back to ISU.
- It was suggested that the hours of STT 399 be included in the catalog copy for the Teacher Education Sequence.
- Ryburn will work with Rutherford on editing catalog copy to include total hours, STT 399 hours, and statements regarding the General Education course overlap.

With no further discussion needed, Cook moved to suspend the practice of "discussion one week-action the next" and move on the proposals today, Dustin seconded, and with no objections, the committee approved by acclamation. (See "Proposal Action" above.)

6. LIAISON REPORTS:

- a. Council on General Education – Lieberman reported that the CGE reviewed a course that will be taken by teacher education students. They also reviewed the information from the open forums.
- b. Council for Teacher Education – Temple reported that the CTE reviewed and approved several curriculum proposals and discussed the issue on assignment of pass/no pass to student teaching rather than letter grades. There was discussion of what would happen with students who do not pass the EdTPA.
- c. Academic Affairs Committee – Lippert reported that at the last meeting they discussed AMALI/Global Studies issues. Work is continuing and they will be meeting tonight.

7. MISCELLANEOUS: Update on Writing Across the Curriculum (WAC) and Global Studies Open Forums – Temple:

The forums that were held over four days, with two days for each topic, were successful and a fine demonstration of shared governance. Temple thanked Angie Scott who took notes at the forums. The forums were well-attended by UCC members and representatives from many academic departments.

Rosenthal thanked Temple for leading the open forums. For WAC, originally they recommended that each department/school offer two writing intensive courses, but his take-away from the forums was that writing will be infused across the discipline/curriculum in each department.

Currently, Global Studies is non-western (for instance, it includes Latin America but not Russia). Rosenthal suggested that the director of CTLT, Claire Lamonica, talk to the faculty about learning outcomes and that the International Studies group be included at some point. Kaesberg inquired if there would be an opportunity for non-AMALI faculty to participate and Rosenthal answered that there would be. Rosenthal said that feedback from the open forums will be available on the Provost's website.

8. **STAFF REPORT:** Ryburn reported that two program proposals will be ready for review December 3, 2014. It was decided that the committee would meet January 21, 2015 to discuss the proposals.
9. **ADJOURNED:** Dustin moved to adjourn the meeting and Lieberman seconded. The meeting was adjourned at 4:02 p.m. The next meeting is scheduled for January 21, 2015.
10. **INFORMATION:** The University Curriculum Committee Executive Secretary approved the following:

New Courses (for *2015 Supplement to the 2014-2016 Undergraduate Catalog*):

ART

212 TEACHING IN THE DIGITAL ART STUDIO

3 sem. hrs.

Theory-informed, pedagogical methods and studio course for art education students and teachers using technologies found in K-12 schools.

238 WOOD/METAL DESIGN 1

3 sem. hrs.

Wood and metal as media used to solve visual and conceptual problems. Focus on basic skills in woodworking and metalworking. Not for credit if had ART 224 METALWORK AND JEWELRY DESIGN and/or ART 234 WOOD I. Prerequisites: ART 103, 104, 109.

239 WOOD/METAL DESIGN 2

3 sem. hrs.

An intermediate level course building on basic skills used to create works of art using wood and metal as media. Prerequisite: ART 238.

339 WOOD/METAL DESIGN 3

3 sem. hrs.

An advanced level course building on intermediate skills used to create works of art utilizing wood and metal as media. May be repeated; maximum of 9 hours. Prerequisites: ART 238, 239.

BTE

365 PROGRAMMING FOR MOBILE APPS

3 sem. hrs.

Develop the skills necessary to teach mobile programming. Prerequisites: BTE 225, concurrent registration, or consent of the instructor.

MQM**200 PROFESSIONAL AND CAREER DEVELOPMENT**

1 sem. hr.

This course develops an understanding of the job search process; skills needed to achieve a successful search; and professionalism related to early career issues. Not for credit if had MQM 289.02. Prerequisites: Declared COB major and junior standing.

PHY**307 SEMINAR IN PHYSICS**

1 sem. hr.

Introduction to Physics literature searching and techniques of oral and written scientific communication, focusing on current topics in Physics. Prerequisite: PHY 112.

TCH**224 DEVELOPING READERS THROUGH WRITING**

3 sem. hrs.

This course explores personal writing processes, pedagogy, and literacy in the PK-12 classroom. Prerequisites: Acceptance to the Elementary Education major; junior or senior standing.

247 SCIENCE INQUIRY IN ELEMENTARY SCHOOLS

3 sem. hrs.

Explores scientific inquiry by examining science as a way of knowing and by experiencing scientific inquiry in the elementary classroom. Prerequisite: TCH 210.

Revised Courses (for *2015 Supplement to the 2014-2016 Undergraduate Catalog*):

MQM

(Added a prerequisite)

385 ORGANIZATIONAL STRATEGY

3 sem. hrs.

Integration of the decision-making processes involved in each of the major functional areas of business. Materials charge optional. Prerequisites: ACC 166 or ACC 270; FIL 185, 240; MQM 220, 227; MKT 230, all with grades of C or better. Senior standing. Successful completion of a business fundamentals exam. Business major only.

PHY

(Changed hours, revised description, dropped CR/NC only)

107 FRONTIERS OF PHYSICS

1 sem. hr.

Introduction to computational and graphical techniques, technical communication skills, and contemporary topics in physics and related fields.

Decimalized Course:

ART

351.87 SPECIAL PROJECTS IN ART: STONE CARVING

3 sem. hrs.

This course introduces basic practices of stone carving, traditional and contemporary. Formal technical skills and new methods will be explored. Prerequisites: ART 103, 104, 109; Art major and consent of the instructor.

Editorial Request (for *2015 Supplement to the 2014-2016 Undergraduate Catalog*):

TCH

(Revised title, description)

**320 ASSESSMENT OF BILINGUAL LEARNERS
AND BILINGUAL PROGRAM DESIGN**

3 sem. hrs.

Focuses on the assessment of bilingual learners and the design of language programs for bilingual students. Formerly *BILINGUAL/BICULTURAL PROGRAM DESIGN AND IMPLEMENTATION*. Prerequisites: Bilingual major only. Bilingual language proficiency (ENG/SPA) or consent of instructor.