

UNIVERSITY CURRICULUM COMMITTEE

Minutes #13 approved (2017-2018 Undergraduate Catalog)

April 6, 2016

Members Present: Colclasure, Dustin, Latham, Lieberman, Morey, Prud'homme, Rosenthal, Segelcke, Standard, Stapleton, Trefzger

Members Absent: Cook, Lippert, Shim, Spreier, Temple, Willard

Guests Present: Mary Elaine Califf, Doug Twitchell, and Glen Sagers, School of Information Technology; Hilary Justice, Department of English; Jess Ray, Registrar

1. Lieberman convened the meeting at 3:05 p.m.
2. **APPROVAL OF MINUTES:** Meeting Minutes #11, February 17, 2016 and #12, March 2, 2016.

Stapleton moved to approve Minutes #11, February 17, 2016, as amended, Latham seconded, and the committee approved by acclamation.

Stapleton moved to approve Minutes #12, March 2, 2016, as amended, Latham seconded, and the committee approved by acclamation.

3. PROPOSAL ACTION:

IT MAJOR IN CYBERSECURITY (New)

Standard and Trefzger

With no further discussion necessary, Stapleton moved to suspend the practice of “discussion one week – action the next” and vote on the proposal today, Standard seconded and the committee approved by acclamation. Standard moved to approve the new Major in Cybersecurity, Trefzger seconded, and the committee approved by acclamation. The proposal will be forwarded to the Academic Senate for consideration. Catalog copy follows.

MAJOR IN CYBERSECURITY

- **80 total hours required.**
- **56 hours in Information Technology required.**
- **Required courses (44 hours): IT 168, 170 or 178 or 179, 191, 214, 225 or 254, 250, 261, 262, 276, 351, 357, 359, 360, 377, 378.**
- **Professional Practice (6 hours): IT 398.**
- **2 courses from: IT 353, 355, 368, 370, 376, 381.**
- **Supporting requirements (24 hours):**
- **Mathematics and Statistics (11 hours): MAT 120 or 145; MAT 160; 1 course from: ECO 138, GEO 138, PSY 138, MQM 100.**
- **Communication and Organization (13 hours): COM 223; ECO 105; MQM 220; ENG 249.**

ALLOWABLE SUBSTITUTIONS FOR REQUIRED COURSES:

- **Acceptable substitution for 3 hours of IT 398 is 3 hours of IT 391**
- **Acceptable substitution for 6 hours of IT 398 is 3 hours of IT 391 and 3 hours from IT 353, 355, 363, 368, 370, 376, 381 (if not used to satisfy other requirements).**

ENG

MAJOR IN ENGLISH (Revise)

Lieberman and Latham

ENGLISH TEACHER EDUCATION SEQUENCE (Revise)

With no further discussion necessary, Stapleton moved to suspend the practice of “discussion one week – action the next” and vote on the proposal today, Standard seconded and the committee approved by

acclamation. Latham moved to approve the proposals for revision of the Major in English and the English Teacher Education Sequence, Stapleton seconded, and the committee approved by acclamation. Catalog copy follows:

MAJOR IN ENGLISH

- **40 hours in English required, exclusive of ENG 101 and courses in the teaching of English (291, 295, 296, 297, 395).**
- **Required courses: ENG 100 with grade of C or better, ENG 102 and 300.**
- **3 hours selected from: ENG 283, 284, 285, 286.**
- **3 hours of British literature selected from: ENG 110, 213, 214, 215, 216, 217, 218, 219, 222, 223, 311, 320, 321, 322, 324, 325, 329, 378.**
- **3 hours of American literature selected from: ENG 130, 165, 231, 232, 233, 234, 236, 265, 266, 332, 336, 365.**
- **3 hours in language and linguistics selected from: ENG 241, 243, 245, 310, 311, 341, 342.**
- **3 hours in advanced writing selected from: ENG 246, 247, 248, 249.**
- **Of the remaining 18 hours, at least 12 hours of electives at the 200- through 300-level. Students should consult an English Department Academic Advisor in choosing their electives.**

English Teacher Education Sequence:

- **To graduate in the English Major.**
- **Admission to the English Teacher Education Sequence is limited and is based on space availability and competitiveness of the applicant.**
- **A 3.00 GPA in the major, a grade of C or better in all required major courses, and adherence to all application procedures and deadlines is required for admission to Professional Studies and Student Teaching. Deadlines and information about application forms and procedures for admission to Professional Studies and Student Teaching are available from the Council for Teacher Education and on the English Department website and are strictly enforced.**
- **46 hours in English required, exclusive of ENG 101.**
- **Completion of entitlement program leading to licensure: secondary 9-12.**
- **Professional Education requirements: EAF 228 or 231 or 235; PSY 215; TCH 212, 216, 219; and STT 399A09 Student Teaching.**
- **Required courses for licensure and accreditation (18 hours): ENG 194, 243, 246, 283, 296, and 297. ENG 194, 296 and 297 must be completed with a grade of C or better; these courses include 35 clock-hours of state-mandated pre-student teaching Clinical Experiences.**
- **Additional required courses (7 hours): ENG 100 with a grade of C or better, ENG 102 and 300.**
- **3 hours of British literature selected from ENG 110, 213, 214, 216, 217, 218, 219, 222, 311, 320, 321, 322, 324, 329, 378.**
- **3 hours of American literature selected from ENG 130, 165, 231, 232, 233, 234, 236, 265, 266, 267, 328, 332, 336, 365.**
- **3 hours in language and linguistics selected from ENG 241, 310.**
- **3 hours in non-Western literature selected from ENG 206, 255, 261, 266, 352, 374.**
- **3 hours in adolescent literature: ENG 375.**
- **6 hours of English electives must be completed at the 200- through 300-level. Students should select their electives in consultation with the English Education Advisor.**

LAN MINOR IN ITALIAN STUDIES (Revise)

Stapleton and Prud`homme

With no further discussion necessary, Stapleton moved to suspend the practice of “discussion one week – action the next” and vote on the proposal today, Standard seconded and the committee approved by acclamation. Stapleton moved to approve the proposal to revise the Minor in Italian Studies, Prud`homme seconded, and the committee approved by acclamation. Catalog copy follows:

MINOR IN ITALIAN STUDIES

- **25 hours in Italian and related courses required.**
- **Required courses: ITA 111, 112, 115, 116, plus three elective courses to meet the 25-hour requirement.**
- **Approved electives: ITA 221, 222; HIS 107, 221, 222, 223, 224; ART 156, 241, 244, or others approved by the Department.**
- **Other courses taken in Italy may be counted toward the minor with prior approval of the minor advisor.**

4. PROPOSAL DISCUSSION:

IT MAJOR IN CYBERSECURITY (New)

Standard and Trefzger

Mary Elaine Califf, Glen Sagers, and Doug Twitchell were present from the School of Information Technology. Standard distributed a handout and presented a review of the proposal for the new Major in Cybersecurity.

- The School of Information Technology proposes creation of a new Major in Cybersecurity to replace the existing Information Assurance and Security sequence, in keeping with advisory board recommendations and industry needs.
- The School has national recognition in cyber defense education, and State Farm is providing financial support for developing this new major. With existing departmental resources and the outside support, no new resources are needed.

Comments/Questions:

- The reviewers pointed out that the 56 hours required goes beyond the standard 55 hour maximum and more than 66 hours of coursework are required beyond General Education; a rationale probably should be provided.
- A required course in the existing Information Assurance and Security sequence, IT 357, previously covered aspects of defensive security, offensive security, and incident response/forensics; revised IT 357 and new 359 and 360 will be individual courses dedicated to the three respective topics.
- Coursework in Accounting, Economics, Finance, Insurance and Law, and Marketing that are required in the Information Assurance and Security sequence are not part of the new major. Supporting letters from the affected departments have been provided.
- At one time, ECO 138, GEO 138, and PSY 138 were equivalent courses, but have diverged. The reviewers asked if it was okay for the students to take any of them, or should the options be narrowed for this major?
- The reviewers asked if the Information Assurance and Security sequence will be deleted once the new major is approved. Califf said that it would be deleted, and they are sure students will want to switch to the new major as soon as it is available.

With no further discussion necessary, Stapleton moved to suspend the practice of “discussion one week – action the next” and vote on the proposal today, Standard seconded, and the committee approved by acclamation. (See “Proposal Action” above.)

TCH **EARLY CHILDHOOD EDUCATION: PEDAGOGY EMPHASIS SEQUENCE (New)**

Segelcke and Lippert

Segelcke distributed a handout and presented a review of the proposal to create a new Pedagogy Emphasis Sequence in Childhood Education. Due to a mix-up with a proposal for revision of the Major in Childhood Education that is still pending CTE review and approval, the reviewers presented the revision instead of the new sequence. The proposal for the new sequence was tabled.

ENG MAJOR IN ENGLISH (Revise) Lieberman and Latham
ENGLISH TEACHER EDUCATION SEQUENCE (Revise)

Hilary Justice from the Department of English was present. Latham distributed a handout and presented a review of the proposal to revise the Major in English and the English Teacher Education Sequence.

- The Department of English proposes deletion of ENG 327, 328, 386, 387, and 388 as choices for the fulfillment of the British literature requirement for the English major and the English Teacher Education Sequence.
- They are replacing the deleted courses with two new courses, ENG 321 and 322.
- They stated that the five period courses cannot be sustained given the direction of the English department away from historically-bound literary studies. All of the five course are regularly on the “Four and Out” list of courses (targeted for deletion from the catalog due to lack of enrollment for four years). The two new courses will allow more diverse approaches as well as still support the content and methodologies of the five deleted courses.

Comments/Questions:

- There was a letter of support from the School of Theatre and Dance because their majors might have taken one of the courses being deleted as an elective.

With no further discussion necessary, Stapleton moved to suspend the practice of “discussion one week – action the next” and vote on the proposal today, Standard seconded, and the committee approved by acclamation. (See “Proposal Action” above.)

LAN MINOR IN ITALIAN STUDIES (Revise) Stapleton and Prud`homme

Stapleton distributed a handout and presented a review of the proposal to revise the Minor in Italian studies.

- The Department of Languages, Literatures, and Cultures proposes the addition of three courses to the approved electives list (HIS 222, 223, and ART 241) in the Minor in Italian Studies.
- It was noted that the courses are already on the approved electives list on the program’s website.
- When asked if they obtained letters of support from History and Art, they stated “The School of Art and the Department of History already have courses listed as approved electives in the Minor in Italian Studies. The faculty who teach the newly added courses ... are enthusiastic supporters of Italian Studies at ISU.”

With no further discussion necessary, Stapleton moved to suspend the practice of “discussion one week – action the next” and vote on the proposal today, Standard seconded, and the committee approved by acclamation. (See “Proposal Action” above.)

5. LIAISON REPORTS:

- a. Council on General Education – Lieberman: Nothing to report.
- b. Council for Teacher Education – Rosenthal reported that the CTE discussed criminal background checks.
- c. Academic Affairs Committee – Rosenthal reported that there was a short meeting two weeks ago when they reviewed a policy and sent it to the Academic Senate for consideration.

6. STAFF REPORT:

Rosenthal – Courses to Consider for AMALI:

Language, Literatures, and Cultures requests adding FRE 115, POR 115, SPA 115 and SPA 120 to the AMALI list.

The committee discussed the requests and the general consensus was that adding these courses would be stretching the original intent of the AMALI courses. The emphasis is not on culture in these courses, but on language learning. To be added to the AMALI list, a course needs to be 75% on comparative culture. There was also concern with transferred courses meeting that requirement. Rosenthal will contact the department and ask for a more thorough conversation about whether the courses fit the AMALI requirements. The committee will return to this discussion at the next meeting.

7. **ADJOURNED:** Lieberman called for adjournment; Stapleton moved to adjourn, Colclasure seconded, and the committee approved by acclamation. The meeting adjourned at 4:07 p.m. The next meeting will be on April 20, 2016.
8. **INFORMATION:** The University Curriculum Committee Executive Secretary approved the following:

New Courses (for 2017-2018 Undergraduate Catalog):

ENG

321 STUDIES IN DRAMA

3 sem. hrs.

Study of the movements, figures, historical periods, or contexts of drama. May be repeated if content is different. Prerequisites: ENG 100 with a grade of C or better, ENG 102, a minimum of 45 hours completed; or consent of the instructor.

322 STUDIES IN THE ENGLISH NOVEL

3 sem. hrs.

Study of movements, figures, historical periods, contexts, and theories of English novels. May be repeated if the content is different. Prerequisites: ENG 100 with a grade of C or better, ENG 102, a minimum of 45 hours completed; or consent of the instructor.

FRE

285 TOPICS IN FRENCH LANGUAGE, LITERATURE, AND CULTURE

3 sem. hrs.

Focused study of a topic such as grammatical structures/vocabulary, literacy, texts and themes, or cultural history and documents. May be repeated if the content is different. Prerequisite: FRE 116 or consent of the instructor.

IT

355 SECURE SOFTWARE DEVELOPMENT

3 sem. hrs.

Ensuring software is secure through architecture and development techniques. Prerequisites: Grade of C or better in IT 250 and 276.

359 TOOLS AND TECHNIQUES IN PENETRATION TESTING

3 sem. hrs.

Penetration testing and offensive security software and methodologies, with emphasis on hacking. Prerequisites: Grade of C or better in IT 250 and 276.

360 SECURITY INCIDENT AND EVENT MANAGEMENT AND FORENSICS

3 sem. hrs.

Detecting, responding to, and investigating information security incidents. Prerequisites: Grade of C or better in IT 250 and 276.

New Courses (continued):

TCH

261 READING IN DIGITAL ENVIRONMENTS

3 sem. hrs.

Study of the reading process with digital texts and in digital environments.

Decimalized Courses:

CHE

380A63 TOPICS IN CONTEMPORARY CHEMISTRY: INDUSTRIAL CHEMISTRY

3 sem. hrs.

Advanced study of physical inorganic chemistry in applied settings. Topics covered include industrial cooling processes, industrial catalysis, manufacturing and purification processes in applied settings. Not for credit if an equivalent course has been taken. Prerequisite: For MCE/MSCE degree or non-degree seeking students.

GEO

235A07 GEOGRAPHY OF EMERGING AREAS: JAPAN FIELD EXPLORATIONS

3 sem. hrs.

Three week course in Japan to study the current and emerging geographies in cultural, historical, and natural landscapes in a number of sites. Prerequisites: Sophomore/junior/senior standing and consent of the instructor.

Editorial Requests:

CHE

350 ADVANCED INORGANIC CHEMISTRY

3 sem. hrs.

Advanced inorganic chemistry including modern bonding theories, spectroscopy, structures and reactivity of coordination, main-group and transition-metal compounds; selected special topics. Formerly *INORGANIC CHEMISTRY*. Prerequisites: MAT 146; PHY 109 or 111; grade of C or better in CHE232 and 250 is required for Chemistry and Biochemistry majors.

MUS

104 GROUP INSTRUCTION IN BRASS

1 sem. hr.

Introduction to the playing and pedagogy of brass instruments (trumpet, horn, trombone, euphonium, tuba). Prerequisites: Completion of 15 or more earned hours. Music major only.

105 GROUP INSTRUCTION IN STRINGS

1 sem. hr.

Introduction to the playing and pedagogy of stringed instruments (violin, viola, cello, string bass). Prerequisites: Completion of 15 or more earned hours. Music major only.

Editorial Requests (continued):

MUS

115 GROUP INSTRUCTION IN SINGLE REED INSTRUMENTS/FLUTE

1 sem. hr.

Introduction to the playing and pedagogy of single reed instruments (clarinet and saxophone) and flute. Prerequisites: Completion of 15 or more earned hours. Music major only.

116 GROUP INSTRUCTION IN DOUBLE REED INSTRUMENTS

1 sem. hr.

Introduction to the playing and pedagogy of double reed instruments (bassoon and oboe). Prerequisites: Completion of 15 or more earned hours. Music major only.

117 GROUP INSTRUCTION IN PERCUSSION

1 sem. hr.

Practical instruction in playing and methods of teaching percussion instruments. Prerequisites: Completion of 15 or more earned hours. Music major only.

139 ENSEMBLE FA

1 sem. hr.

Study and performance of chamber and small music ensembles in a variety of combinations of instruments. May be repeated. MUS 139A20 Percussion, 139.70 Jazz, and 139.90 may count for FA General Education credit.

139A20 ENSEMBLE: PERCUSSION FA

1 sem. hr.

Study and performance of chamber and small music ensembles in a variety of combinations of instruments. May be repeated.

139A21 AFRICAN DRUMMING AND DANCE ENSEMBLE

1 sem. hr.

Study and performance of chamber and small music ensembles in a variety of combinations of instruments. May be repeated.

139A25 ENSEMBLE: RECORDER

1 sem. hr.

Study and performance of chamber and small music ensembles in a variety of combinations of instruments. May be repeated.

139A40 ENSEMBLE: STRINGS

1 sem. hr.

Study and performance of chamber and small music ensembles in a variety of combinations of instruments. May be repeated.

139A70 ENSEMBLE: JAZZ FA

1 sem. hr.

Study and performance of chamber and small music ensembles in a variety of combinations of instruments. May be repeated.

139A85 ENSEMBLE: GUITAR

1 sem. hr.

Study and performance of chamber and small music ensembles in a variety of combinations of instruments. May be repeated.

Editorial Requests (continued):

MUS

139A90 MADRIGAL SINGERS

1 sem. hr.

Study and performance of chamber and small music ensembles in a variety of combinations of instruments. May be repeated.

165 OPERA PRACTICUM

1 sem. hr.

Experience in opera staging and performance. Work ranging from set construction to leading roles. May be repeated. Prerequisite: By audition/consent of the instructor.

231A10 APPLIED MUSIC: ADVANCED TRUMPET-CORNET

2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

231A20 APPLIED MUSIC: ADVANCED FRENCH HORN

2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

231A30 APPLIED MUSIC: ADVANCED EUPHONIUM

2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

231A50 APPLIED MUSIC: ADVANCED TROMBONE

2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

231A70 APPLIED MUSIC: ADVANCED TUBA

2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

235 APPLIED MUSIC: ADVANCED PIANO

2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

236A10 APPLIED MUSIC: ADVANCED VIOLIN

2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

236A30 APPLIED MUSIC: ADVANCED VIOLA

2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

Editorial Requests (continued):

MUS

236A50 APPLIED MUSIC: ADVANCED CHELLO

2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

236A70 APPLIED MUSIC: ADVANCED STRING BASS

2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

236A80 APPLIED MUSIC: ADVANCED GUITAR

2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

237 APPLIED MUSIC: ADVANCED VOICE

2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

238A10 APPLIED MUSIC: ADVANCED FLUTE

2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

238A20 APPLIED MUSIC: ADVANCED CLARINET

2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

238A30 APPLIED MUSIC: ADVANCED SAXOPHONE

2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

238A50 APPLIED MUSIC: ADVANCED OBOE

2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

238A60 APPLIED MUSIC: ADVANCED BASOON

2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

239 ENSEMBLE

1 sem. hr.

Study and performance of chamber and small music ensembles in a variety of combinations of instruments. May be repeated. MUS 239A20 Percussion Ensemble and 239A70 Jazz Ensemble count for FA General Education credit.

Editorial Requests (continue):

MUS

239A20 ENSEMBLE: ADVANCED PERCUSSION FA

1 sem. hr.

Study and performance of chamber and small music ensembles in a variety of combinations of instruments. May be repeated.

239A21 AFRICAN DRUMMING AND DANCE ENSEMBLE

1 sem. hr.

Study and performance of chamber and small music ensembles. May be repeated.

239A25 ENSEMBLE: RECORDER

1 sem. hr.

Study and performance of chamber and small music ensembles. May be repeated.

239A30 ENSEMBLE: PIANO

1 sem. hr.

Study and performance of chamber and small music ensembles. May be repeated.

239A40 ENSEMBLE: ADVANCED STRINGS

1 sem. hr.

Study and performance of chamber and small music ensembles. May be repeated.

239A70 ENSEMBLE: JAZZ

FA

1 sem. hr.

Study and performance of chamber and small music ensembles. May be repeated.

239A85 ENSEMBLE: GUITAR

1 sem. hr.

Study and performance of chamber and small music ensembles. May be repeated.

239A90 ENSEMBLE: MADRIGALS

1 sem. hr.

Study and performance of chamber and small music ensembles. May be repeated.

265 OPERA PRACTICUM

1 sem. hr.

Experience in opera staging and performance. Work ranging from set construction to leading roles. May be repeated. Prerequisite: By audition/consent of the instructor.

365 OPERA PRACTICUM

1 sem. hr.

Experience in opera staging and performance. Work ranging from set construction to leading roles. May be repeated. Prerequisite: By audition/consent of the instructor.

371 SPECIAL MUSIC EDUCATION

3 sem. hrs.

Teaching strategies for students with disabilities. An emphasis is placed on co-teaching between music and special educators with clinical experience hours. Formerly *MUSIC FOR THE EXCEPTIONAL CHILD*. Prerequisites: Completion of 30 hours or more. Special Education or Music Education majors.

Deleted Courses:

COM

275A01 EXECUTIVE SPEECHWRITING

3 sem. hrs.

Principles and process for researching and ghostwriting speeches. Includes strategies for public-speaking opportunities and counseling speakers. Prerequisites: COM 111, 165 and 268 or consent of the instructor.

398A01 PROFESSIONAL PRACTICE: ON-CAMPUS INTERNSHIP IN COMMUNICATION

Prerequisite: COM major or consent of the instructor.

398A02 PROFESSIONAL PRACTICE: OFF-CAMPUS INTERNSHIP IN COMMUNICATION

Prerequisite: COM major or consent of the instructor.

ENG

327 RESTORATION AND EIGHTEENTH-CENTURY DRAMA

3 sem. hrs.

English drama from the opening of the theatres in 1660 to the turn of the nineteenth century. Prerequisites: ENG 100 with a grade of C or better, ENG 102, a minimum of 45 hours completed or consent of the instructor.

328 MODERN DRAMA

3 sem. hrs.

20th-century drama written in English and related criticism. Prerequisites: ENG 100 with a grade of C or better, ENG 102, a minimum of 45 hours completed or consent of the instructor.

386 THE EIGHTEENTH-CENTURY ENGLISH NOVEL

3 sem. hrs.

The English novel from its origins through the 18th century. Prerequisites: Grade of C or better in ENG 100; ENG 102, a minimum of 45 hours completed, or consent of the instructor.