

UNIVERSITY CURRICULUM COMMITTEE

Minutes #11 approved (2016-2017 Undergraduate Catalog)

February 17, 2016

Members Present: Colclasure, Cook, Latham, Lieberman, Lippert, Morey, Prud'homme, Rosenthal, Segelcke, Spreier, Standard, Stapleton, Temple, Trefzger, Willard

Members Absent: Dustin

Guests Present: Bo Park, Rick Boser, Anu Gokhale, Technology; Chris Wellin, Sociology and Anthropology; Jess Ray, Registrar

1. Temple convened the meeting at 3:06 p.m.
2. **APPROVAL OF MINUTES:** Meeting Minutes #10, February 10, 2016.

Cook moved to approve the minutes as amended, Lieberman seconded. The committee approved the minutes as amended by acclamation with one abstention.

3. PROPOSAL ACTION:

FCS MAJOR IN FASHION DESIGN AND MERCHANDISING (Revise) Stapleton and Spreier

With no further discussion needed, Cook moved to suspend the practice of “discussion one week – action the next” and act on the proposal today, Latham seconded, and the committee approved by acclamation. Stapleton moved to approve the proposal for revision of the Major in Fashion Design and Merchandising, Spreier seconded, and the committee approved by acclamation. Catalog copy follows.

MAJOR IN FASHION DESIGN AND MERCHANDISING

The Fashion Design and Merchandising (FDM) program prepares students for careers in the global apparel and textile industry including apparel design and production, merchandising, textile product quality control, and historic costume and textile preservation. Computer-aided design (CAD) programs, pattern making and design, visual retailing software, merchandising process simulation, textile quality testing, and sustainability are incorporated into classes.

The FDM program offers courses in textiles, fashion trend and industry analysis, social and psychological aspects of clothing and behavior, fashion history, economics of fashion, fashion merchandising, fashion design, apparel production, fashion-related marketing and management and sustainability. Within the FDM program, students can select either the Fashion Merchandising option or the Fashion Design and Product Development option. FDM students have the opportunity to participate in study tours inside and outside of the United States to locations such as New York and California, as well as various locations in Europe. The tours provide students the opportunity to learn about various firms within the textiles and apparel industry.

- **A minimum of 58 hours required.**
- **9 hours in FCS core: FCS 100, 200, 300, 398 (For students pursuing Option B, FCS 365 may be taken in addition to or instead of FCS 398 with consent of the instructor and departmental approval).**
- **49 hours of required courses : ECO 105; FCS 122, 225, 226, 323, 327, 328, 329, 362; MKT 230; PSY 110 or PSY/SOC 223; and option A or B that follows:**

A. Fashion Merchandising: FCS 368, 369, 371; MQM 220; MKT 335.

Recommended electives: FCS 222, 228, 321, 324, 334, 361, 366; MQM 328.

B. Fashion Design/Product Development: FCS 228, 321, 324, 361, 366.

Recommended electives: FCS 222, 334, 365, 368, 369, 371; MQM 328.

- **For students interested in Fashion Merchandising, a Business Administration or Communication minor is recommended; for students interested in Fashion Design/Product Development, an Art History, Theatre, or Business Administration minor is recommended; for students interested in Fashion Journalism, a Communication minor is recommended; for students interested in Museum Curator/Conservator, a minor in History or Art History is recommended.**

SOC MINOR IN GERONTOLOGY (Revise)

Willard and Lieberman

With no further discussion needed, Cook moved to suspend the practice of “discussion one week – action the next” and act on the proposal today, Latham seconded, and the committee approved by acclamation. Willard moved to approve the proposal to revise the Minor in Gerontology, Stapleton seconded, and the committee approved by acclamation. Catalog copy follows:

MINOR IN GERONTOLOGY

Interdisciplinary Minor:

For further information contact the Academic Advisor, Department of Sociology - Anthropology.

- **21 hours required.**
- **Required courses (6 hours): SOC/SWK 211, SOC 398A01.**
- **Electives (15 hours) approved by the Gerontology Committee include the following (other courses will be considered in special circumstances, subject to approval by the gerontology coordinator): COM 331; FCS 304, 305, 363, 394; HSC 208, 258, 286, 292; PSY 213, 302, 303; SOC 212, 310, 311, 318, 342, 362.**

TEC COMPUTER SYSTEMS TECHNOLOGY SEQUENCE (Revise) Trefzger and Cook

With no further discussion needed, Cook moved to suspend the practice of “discussion one week – action the next” and act on the proposal today, Latham seconded, and the committee approved by acclamation. Trefzger moved to approve the proposal to revise the Computer Systems Technology Sequence, Cook seconded and the committee approved by acclamation. Catalog copy follows.

Computer Systems Technology Sequence:

Computer Systems Technology is an interdisciplinary curriculum that provides a background in computer technology, software, programming, information imaging, and other industry-related technologies. The goal 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 a variety of computer systems. Computer Systems Technology is accredited by the Association of Technology, Management, and Applied Engineering (ATMAE).

- **75 hours required.**
- **17 hours in General Education: MQM 100; PSY 110; CHE 102; MAT 120; PHY 105.**
- **13 hours in Technology core courses: TEC 100, 270, 313, 320, 330.**
- **33 hours of required courses: TEC 143, 151, 243, 244, 245, 283, 284, 319, 378, 383, and 390.**
- **12 hours of additional courses selected from the following: IT 168, 178, 254, 261, 262; TEC 116, 152, 216, 250, 348, 358, 370, and 398 (3 hours only).**

TEC MAJOR IN CONSTRUCTION MANAGEMENT (Revise) Standard and Colclasure

With no further discussion needed, Cook moved to suspend the practice of “discussion one week – action the next” and act on the proposal today, Latham seconded, and the committee approved by acclamation. Standard moved to approve the proposal to revise the Major in Construction Management, Colclasure seconded, and the committee approved by acclamation. Catalog copy follows.

MAJOR IN CONSTRUCTION MANAGEMENT

Degree Offered: B.S.

Construction Management is an interdisciplinary curriculum that provides a background in construction means and methods, business administration, communication skills, architectural and engineering fundamentals, applied science, and mathematics. The goal of the major is to prepare construction professionals capable of managing projects to completion from construction documents 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 major 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.

- **88 hours required.**
- **17 hours in General Education: MQM 100; PSY 110; CHE 102; MAT 120; PHY 105.**
- **47 hours in Construction Management core courses: TEC 100, 117, 120, 121, 123, 217, 222, 223, 224, 226, 229, 292, 325, 326, 327, 394; and HSC 272.**
- **A minimum of 5 hours of elective courses from the following: TEC 111, 225, 240, 322, 328, 329, 398 (3 hours).**
- **19 hours in management core to include: ACC 131; ECO 105; FIL 185; MKT 230; TEC 270 and 313.**

4. PROPOSAL DISCUSSION:

FCS MAJOR IN FASHION DESIGN AND MERCHANDISING (Revise) Stapleton and Spreier

Stapleton distributed a handout and presented a review of the proposal to revise the Major in Fashion Design and Merchandising.

- The Department of Family and Consumer Sciences proposes adding two paragraphs of major description.
- They propose changing the option of FCS 365 (in place of 398) to “instead of or in addition to.”
- They also propose adding a list of electives for each option in the major (Fashion Merchandising and Fashion Design and Product Development), and adding a course outside of Family and Consumer Sciences (MQM 328) to both of the elective course lists.

Comments/Questions;

- It was suggested that that the catalog copy be made more consistent with the way other programs are written in the catalog (required hours, remove hyphen in 9-hour core, etc.). Ryburn will work on editing the catalog copy.

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

SOC MINOR IN GERONTOLOGY (Revise)**Willard and Lieberman**

Chris Wellin was present from the Department of Sociology-Anthropology. Willard distributed a handout and presented a review of the proposal to revise the Minor in Gerontology.

- The Department of Sociology-Anthropology proposes moving FCS 394 and PSY 303 from required courses to elective options. They also propose moving SOC 398A01 from an elective to a required course. This will reduce the number of required hours from 9 to 6.
- They propose adding courses to the list of approved electives: FCS 304, 363; HSC 208, 258, 286, 292; PSY 213, 302; SOC 318, 342, and 362. They stated that this “will strengthen existing topical foci within the major and draw more effectively on existing courses across campus.” Letters of support from the other departments were provided.
- The number of elective hours required will increase from 12 to 15.

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

TEC COMPUTER SYSTEMS TECHNOLOGY SEQUENCE (Revise) Trefzger and Cook

Rick Boser and Anu Gokhale were present from the Department of Technology. Trefzger distributed a handout and presented a review of the proposal to revise the Computer Systems Technology Sequence.

- The Department of Technology proposes replacing HSC 385 with TEC 320 in the Technology core and renumbering TEC 348A06 to TEC 378 in the sequence requirements.
- They also propose moving IT 168 from being required to being an elective course and changing many courses in the elective list.
- The total program hours will be reduced by one.

Questions/Comments:

- The proposal states that the sequence does not require more than 55 hours of major area courses, but the student who chooses all electives from TEC (not at least 3 hours from IT) will have 58 hours of TEC.
- Gokhale stated that Health Sciences and Information Technology were notified of the changes impacting their courses.

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

TEC MAJOR IN CONSTRUCTION MANAGEMENT (Revise) Standard and Colclasure

Rick Boser and Bo Park were present from the Department of Technology. Standard distributed a handout and presented a review of the proposal to revise the Major in Construction Management.

- The Department of Technology proposes dropping a physical science course from the requirements, which will reduce the total number of required hours in the major by 3, from 91 to 88. They submitted this revision due to a change in accreditation standards for Construction Management that currently require 8 hours of physical science which is satisfied by requiring CHE 102 and PHY 105, and one additional course selected from CHE 204, GEO 202, 207, or PHY 207. The new accreditation standards, which go into effect in July 2016, require only 6 hours of physical science which can be satisfied by requiring only CHE 102 and PHY 105.
- As a result of the changes, the number of hours required in General Education will be reduced from 20 to 17.

Questions/Comments:

- The catalog copy for the elective courses (and for the total hours required in the major) might be adjusted to reflect that students take 5-6 hours of electives since there is only one course of 2 credit hours listed. Technically, the major is 88-89 hours, depending on which two courses are selected from the electives list. Alternately, the wording, “A minimum of 5 hours of elective courses from the following” could be substituted. Ray said the preference would be the minimum of 5 hours wording. Boser was okay with Ryburn making the change in the catalog copy.
- There are around 160 majors in Construction Management. The estimate is that about one-quarter of these students would take one of the four physical science course options (CHE 204, GEO 202, 207, and PHY 207) in any given year, or on average about 10 students per course per year. Letters of concurrence from the impacted departments were obtained indicating their support for the proposed change and noting the corresponding loss of enrollment from the physical science courses.

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

5. LIAISON REPORTS:

- a. Council on General Education – Lieberman deferred to Rosenthal for the report on CGE. He reported that the CGE discussed:
 - The 138 courses that used to be cross-listed (ECO, GEO, POL, PSY). The courses continue to be considered equivalent courses by some programs, but some have diverged in content. They will ask the programs to look at the courses to see if some are better fits for their students than others.
 - The Minor in Latin American and Latino/a Studies revisions which they approved.
 - Update on the new assessment plan for General Education.
 - The fall seat usage (95-100%).
 - Department chair concerns about funding next fall with the expectation of 3,600 incoming freshmen students.
 - Task force that looked at student career development usage and how departments help students.
 - Follow-up on WID and AMALI surveys.
- b. Council for Teacher Education – Temple reported that accreditation issues are on the next meeting agenda.
- c. Academic Affairs Committee – Lippert reported that the committee discussed policies and procedures of private colleges, faculty salaries, and expenses for programs abroad.

6. STAFF REPORT:

Rosenthal reported that the WID survey is ready to be sent out. He requested feedback from the committee who suggested some edits. The survey will run for a month. The AMALI survey will follow in about two weeks.

7. **ADJOURNED:** Temple called for adjournment, the committee agreed by acclamation, and adjourned at 4:12 p.m. The next meeting will be on March 2, 2016.

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

Decimalized Courses:

GEO

306A27 REGIONAL AND AREA STUDIES: LAKE SUPERIOR PRECAMBRIAN GEOLOGY
3 sem. hrs.

The structural geology, stratigraphy, paleontology, petrology, and economic geology of the Lake Superior Province in Wisconsin, Michigan, and Illinois. Offered as a combination field and seminar style course. Prerequisite: Consent of the instructor.

THE

271A07 STUDIES OF NON-WESTERN FILM: ASIAN FILM GENRES

3 sem. hrs.

This course is designed for and open to all students who are interested in Asian film and culture. Prerequisite: THE 170 or consent of the instructor.

275A08 TOPICS IN FILM CRITICISM: HORROR FILMS

3 sem. hrs.

This course offers a historical overview of the horror cinema from its origins to the present and examines representative films from theoretical, cultural, and historical perspectives. Prerequisites: THE 170 or consent of the instructor.

Revised Course:

TEC

(Changed title, revised description)

223 FIELD ENGINEERING

3 sem. hrs.

Principles and practices of construction geomatics, project control, and administration from a field supervision perspective. Lecture and lab. Formerly *SURVEYING AND BUILDING LAYOUT*. Prerequisites: TEC 120; MAT 120. Major or minor only or consent of the department advisor.

Editorial Requests:

CJS

200 CONTEMPORARY CORRECTIONS

3 sem. hrs.

Familiarizes students with correctional alternatives as they currently exist. Controversies and emerging trends in corrections will be considered. Prerequisite: Major or minor only or consent of the department advisor.

201 CRIME AND BEHAVIOR

3 sem. hrs.

Theoretical and conceptual explanations of criminal behavior. Prerequisite: Major or minor only or consent of the department advisor.

206 FUNDAMENTALS OF CRIMINAL INVESTIGATION

3 sem. hrs.

An intensive analysis of the criminal investigation process including information gathering and analysis, preservation of evidence, legal issues, and investigative strategies. Prerequisite: Major or minor only or consent of the department advisor.

207 CONTEMPORARY POLICING IN AMERICA

3 sem. hrs.

Survey of law enforcement, its history, police practices, functions, and related issues and concepts of contemporary police. Prerequisite: Major or minor only or consent of the department advisor.

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. Prerequisite: Major or minor only or consent of the department advisor.

210 CRIMINAL COURT SYSTEMS

3 sem. hrs.

Survey of the role of criminal courts in the criminal justice system, including plea bargaining, trials, juries, and appellate courts. Not for credit if had CJS 360A11. Prerequisite: Major or minor only, or consent of the department advisor.

212 COMMUNITY CORRECTIONS

3 sem. hrs.

Theoretical basis, current methodology, and operations: court counselors, citizen action, half-way houses, work-release, drug abuse treatment, detention, reception and diagnostic centers, and probation and parole. Prerequisites: CJS 200. Major or minor only or consent of the department advisor.

215 JUVENILE JUSTICE

3 sem. hrs.

The processing and treatment of juvenile offenders. Examines the organization, operation, and goals of the individuals, agencies, and institutions that work with youthful offenders. Prerequisite: Major or minor only or consent of the department advisor.

216 CRIMINAL JUSTICE ETHICS

3 sem. hrs.

Examines ethical issues in the administration of criminal justice, including those faced by police, courts, and corrections. Formerly CJS 289A07. Prerequisite: Major or minor only or consent of the department advisor.

217 CRIMINAL JUSTICE POLICY

3 sem. hrs.

Explores how criminal justice policy is made and investigates many prominent policies in the contemporary criminal justice system. Formerly CJS 289A11. Prerequisite: Major or minor only or consent of the department advisor.

298A50 PROFESSIONAL PRACTICE: COOPERATIVE EDUCATION IN CRIMINAL JUSTICE

1 sem. hr.

Paid, supervised experiences in local, state, and federal criminal justice agencies. Enrollment limited, based on availability of sites. May be repeated once. Prerequisites: Sophomore or junior standing. Major or minor only or consent of the department internship coordinator.

305 CRIMINAL PROCEDURE AND EVIDENCE

3 sem. hrs.

Law of criminal procedure, types of evidence, and legal requirements relating to the admissibility of evidence in court. Formerly *RULES OF EVIDENCE FOR THE ADMINISTRATION OF*

JUSTICE. Prerequisites: 45 hours completed. Major or minor only or consent of the department advisor.

CJS

308 RACE, ETHNICITY, AND CRIMINAL JUSTICE

3 sem. hrs.

Historical and contemporary perspectives of race, ethnicity, crime, and justice relations in the United States. Prerequisite: Major or minor only or consent of the department advisor.

310 CORRECTIONAL INSTITUTIONS

3 sem. hrs.

An intensive analysis of correctional institutions and jails focusing on management issues, inmate subcultures, and prisonization. Prerequisites: CJS 200; 45 hours completed. Major or minor only or consent of the department advisor.

322 COMMUNICATION SKILLS IN CRIMINAL JUSTICE

3 sem. hrs.

Development of interpersonal communication, interviewing and decision-making skills for intervention with criminal justice clients. Prerequisites: 45 hours completed. Major or minor only or consent of the department advisor.

337 SEX OFFENDERS AND THE CRIMINAL JUSTICE SYSTEM

3 sem. hrs.

Analysis of sex offender prevalence and typologies. Emphasis on assessment, treatment, and management within the community. Prerequisites: 45 hours completed. Major or minor only or consent of the department advisor.

342 VICTIMOLOGY

3 sem. hrs.

An examination of the victim's role in the criminal event, the process of victimization, patterns, trends, theories, and victim offender relationships. Prerequisites: 45 hours completed. Major or minor only or consent of the department advisor.

369 WORLD CRIMINAL JUSTICE SYSTEMS

3 sem. hrs.

Explores the nature of crime and justice around the world. Provides a comparison of varying systems of justice in selected countries. Prerequisites: 45 hours completed or consent of the department advisor.

398A01 PROFESSIONAL PRACTICE: CRIMINAL JUSTICE INTERNSHIP I

6 sem. hrs.

Field placement in a criminal justice related agency. Interns work with designated agency personnel and receive an overview of agency functions. CR/NC only. Prerequisites: Consent of the department internship coordinator. Criminal Justice Sciences major only. See Criminal Justice Sciences major requirements for enrollment limitations.

398A02 PROFESSIONAL PRACTICE: CRIMINAL JUSTICE INTERNSHIP II

6 sem. hrs.

Intensive experience in a single criminal justice agency setting. CR/NC only. Prerequisites: CJS 398A01 and consent of the department internship coordinator. Criminal Justice Sciences major only. See Criminal Justice Sciences major requirements for enrollment limitations.

Editorial Requests continued:

ENG

296 THE TEACHING OF LITERATURE

3 sem. hrs.

Examines current scholarship in the teaching of literature at the secondary level; integrates theories of teaching literature with teaching practice. Includes Clinical Experiences: 10 hours. Prerequisites: Admission to Professional Studies; grade of C or better in ENG 194 and TCH 216; completion of one of the following: ENG 110, 213, 214, 216, 217, 218, 219, 311, 320, 324, 325, 327, 328, 329, 378, 386, 387, 388; and one of the following: ENG 130, 165, 231, 232, 233, 234, 236, 265, 266, 328, 332, 336, 365.

GEO

296 STRATIGRAPHY

3 sem. hrs.

Distribution, correlation and analysis of stratified rocks. Lecture and lab. Field trip required. Formerly *SEDIMENTOLOGY AND STRATIGRAPHY II*. Prerequisites: GEO 295.

307 TEACHING GEOGRAPHY/EARTH SCIENCE

3 sem. hrs.

Approaches to the teaching of geography and earth science in grades 6-12. Includes Clinical Experiences: 35 hours. Prerequisites: Teaching major only. Admission to Professional Studies. Grade of C or better TCH 216 or concurrent registration. Completion of 8 hours of Geography or Geology.

351 CARTOGRAPHIC DESIGN

3 sem. hrs.

Advanced techniques in design, production and reproduction of maps. Formerly *CARTOGRAPHIC PROCESSES*. Materials charge optional. Prerequisite: GEO 300.

MAT

202 ALGEBRAIC REASONING FOR MIDDLE SCHOOL TEACHERS

4 sem. hrs.

Focus on algebraic reasoning with understanding of variables and their uses. Content includes proportional reasoning, linear and non-linear functions and inverse functions and elementary curve fitting techniques. Department-approved graphing calculator required. Not for credit major or minor. Formerly *ALGEBRAIC REASONING FOR THE K-8 TEACHER*. Prerequisites: Grade of C or better in MAT 130; 2.50 major GPA and either Mathematics placement or a grade of C or better in MAT 119.

MUS

131 APPLIED MUSIC: BRASS

2-3 sem. hrs.

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

131A10 APPLIED MUSIC: TRUMPET-CORNET

2-3 sem. hrs.

- Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.**
- 131A20 APPLIED MUSIC: FRENCH HORN**
2-3 sem. hrs.
Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.
- 131A30 APPLIED MUSIC: EUPHONIUM**
2-3 sem. hrs.
Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.
- 131A50 APPLIED MUSIC: TROMBONE**
2-3 sem. hrs.
Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.
- 131A70 APPLIED MUSIC: TUBA**
2-3 sem. hrs.
Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.
- 132 APPLIED MUSIC (HARPSICHORD)**
2-3 sem. hrs.
Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.
- 132A10 APPLIED MUSIC: HARP**
2-3 sem. hrs.
Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.
- 133 APPLIED MUSIC: ORGAN**
2-3 sem. hrs.
Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.
- 134 APPLIED MUSIC: PERCUSSION**
2-3 sem. hrs.
Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.
- 135 APPLIED MUSIC: PIANO**
2-3 sem. hrs.
Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.
- 136A10 APPLIED MUSIC: VIOLIN**
2-3 sem. hrs.
Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.
- 136A30 APPLIED MUSIC: VIOLA**
2-3 sem. hrs.
Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.
- 136A50 APPLIED MUSIC: CELLO**
2-3 sem. hrs.
Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.
- 136A70 APPLIED MUSIC: STRING BASS**
2-3 sem. hrs.
Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

MUS

136A80 APPLIED MUSIC: GUITAR

2-3 sem. hrs.

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

137 APPLIED MUSIC: VOICE

2-3 sem. hrs.

Prerequisite: Successful completion of MUS 126 or audition before members of voice faculty is prerequisite for admission to MUS 137. Consent of the appropriate coordinator 1 semester in advance of registration.

138A10 APPLIED MUSIC: FLUTE

2-3 sem. hrs.

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

138A20 APPLIED MUSIC: CLARINET

2-3 sem. hrs.

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

138A30 APPLIED MUSIC: SAXOPHONE

2-4 sem. hrs.

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

138A50 APPLIED MUSIC: OBOE

2-3 sem. hrs.

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

138A60 APPLIED MUSIC: BASSOON

2-3 sem. hrs.

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.