

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 1 of 86

**COLLEGE OF BUSINESS**

Course revisions

Pages 94-95, 2017-18 Undergraduate Catalog

UBUS 200. PASSPORT INTRODUCTION (0). ... To be taken before or concurrent with FINA 320 and MGMT 335 and MKTG 340 295 and OMIS 338. S/U grading.

UBUS 311. BUSINESS CORE: APPLICATIONS SEMINAR (3). ... CRQ: UBUS 310; or FINA 320 and MGMT 335 and MKTG 340 295 and OMIS 338.

UBUS 490. TOPICS IN BUSINESS (1-3). ... PRQ: FINA 320 and MGMT 335 and MKTG 340 295 and OMIS 338, or consent of college.

UBUS 499. INTRODUCTION TO BUSINESS RESEARCH (3). ... PRQ: FINA 320 and MGMT 335 and MKTG 340 295 and OMIS 338 and admission to the University Honors program, or consent of college.

Other catalog change

Pages 93-94, 2017-18 Undergraduate Catalog

**Limited Retention Requirements**

All business majors must complete FINA 320, MGMT 335, MKTG 340 295, and OMIS 338 ~~in~~ by the end of the first year in which they enroll in 300- or 400-level business courses. Prerequisites for ~~these four courses~~ MGMT 335 are: a grade of C or better in each of the ~~100- and 200-level~~ Foundations of Business course ~~in~~ the Business Core; having a 2.50 or better cumulative GPA; and having completed at least 45 semester credit hours. To continue as a business major, students must earn a C or better in FINA 320, MGMT 335, MKTG 340 295, and OMIS 338. Additional retention requirements for each major can be found under Department Requirements.

↓

~~Business Core (46-50)~~

~~The business core must be completed by all students majoring in business.~~

~~100- and 200-Level~~ Foundations of Business Courses (29-32)

ACCY 206 - Introductory Financial Accounting (3)

↓

~~300- and 400-Level~~ Business Core Courses (18)

FINA 320 - Principles of Finance (3)

MGMT 335 - Managing Individuals, Teams, and Organizations (3)

MGMT 468 - Strategic Management (3)

MKTG 340 295 - Principles of Marketing (3)

OMIS 338 - Principles of Operations Management (3)

OMIS 351 - Information Systems in Organizations (3)

OR ACCY 310<sup>2</sup> - Accounting Information Systems (3)

~~Minor in Business Administration (36-41)~~

↓

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 2 of 86

Three of the following (9)

FINA 320 - Principles of Finance (3)

MGMT 333 - Principles of Management (3)

MKTG ~~340~~ 295 - Principles of Marketing (3)

OMIS 338 - Principles of Operations Management (3)

↓

**Transfer Credit in the College of Business**

↓

Students who plan to transfer to NIU and major in an area of business should have taken as many of the lower-division ~~business core~~ **Foundations of Business** courses as possible.

↓

Other catalog change

2017-18 Undergraduate Catalog

(The following paragraph with the course listings appears in the online undergraduate catalog. It is a shared set of college requirements and is in the college section of the catalog and appears prior to each department's major requirements section.)

**~~Business Core (46-50)~~ Limited Retention Requirements**

The College of Business is competitive based on a student's overall GPA and performance in selected tool courses. All business majors must complete FINA 320, MGMT 335, MKTG ~~340~~ 295, and OMIS 338 ~~in~~ **by the end of** the first year in which they enroll in 300- or 400-level business courses. Prerequisites for ~~these four~~ **these four** ~~courses~~ **MGMT 335** are: a grade of C or better in each of the ~~100- and 200-level~~ **Foundations of Business** courses ~~in the Business Core~~; having a 2.50 or better cumulative GPA; and having completed at least 45 semester credit hours. To continue as a business major, students must earn a C or better in FINA 320, MGMT 335, MKTG ~~340~~ 295, and OMIS 338. Additional retention requirements for each major can be found under Department Requirements.

The ~~business core~~ **Foundations of Business and Business Core courses** must be completed by all students majoring in business.

**~~100- and 200-Level~~ Foundations of Business Courses (29-32)**

ACCY 206 - Introductory Financial Accounting (3)

↓

**~~300- and 400-Level~~ Business Core Courses (18)**

FINA 320 - Principles of Finance (3)

MGMT 335 - Managing Individuals, Teams, and Organizations (3)

MGMT 468 - Strategic Management (3)

MKTG ~~340~~ 295 - Principles of Marketing (3)

OMIS 338 - Principles of Operations Management (3)

OMIS 351 - Information Systems in Organizations (3)

OR ACCY 310 - Accounting Information Systems (3)

Accountancy students are required to take ACCY 310.

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 3 of 86

**Department of Accountancy**

Course revisions

Page 98, 2017-18 Undergraduate Catalog

411. ADVANCED ACCOUNTING INFORMATION SYSTEMS (3). ... PRQ: A grade of C or better in each of the following courses: FINA 320, MGMT 335, MKTG ~~340~~ 295, OMIS 338, ACCY 310, and ACCY 375; or consent of department. CRQ: ACCY 360 or consent of department.
415. DATA ANALYTICS IN ACCOUNTING (3). ... PRQ: A grade of C or better in each of the following courses: FINA 320, MGMT 335, MKTG ~~340~~ 295, OMIS 338, ACCY 360, and ACCY 375. CRQ: ACCY 450.
421. ADVANCED COST MANAGEMENT (3). ... PRQ: A grade of C or better in each of the following courses: FINA 320, MGMT 335, MKTG ~~340~~ 295, OMIS 338, ACCY 320, and ACCY 375.
433. FINANCIAL REPORTING III (3). ... PRQ: A grade of C or better in each of the following courses: FINA 320, MGMT 335, MKTG ~~340~~ 295, OMIS 338, ACCY 332, and ACCY 375.
435. SEC REPORTING AND CORPORATE GOVERNANCE (3). ... PRQ: A grade of C or better in each of the following courses: FINA 320, MGMT 335, MKTG ~~340~~ 295, OMIS 338, and ACCY 331.
439. CONTEMPORARY ISSUES IN FINANCIAL ACCOUNTING (3). ... PRQ: A grade of C or better in each of the following courses: FINA 320, MGMT 335, MKTG ~~340~~ 295, OMIS 338, ACCY 332, and ACCY 375.
450. TAXATION OF BUSINESS ENTITIES AND INDIVIDUALS (3). ... PRQ: A grade of C or better in each of the following courses: FINA 320, MGMT 335, MKTG ~~340~~ 295, OMIS 338, and ACCY 332.
455. INDIVIDUAL TAXATION (3). ... PRQ: A grade of C or better in each of the following courses: FINA 320, MGMT 335, MKTG ~~340~~ 295, OMIS 338, and ACCY 331; and junior or senior standing.
462. INTERNAL AUDITING (3). ... PRQ: PRQ: A grade of C or better in each of the following courses: FINA 320, MGMT 335, MKTG ~~340~~ 295, OMIS 338, ACCY 360, and ACCY 375.
465. FORENSIC ACCOUNTING/FRAUD EXAMINATION (3). ... PRQ: A grade of C or better in each of the following courses: FINA 320, MGMT 335, MKTG ~~340~~ 295, OMIS 338, ACCY 332, ACCY 360, and ACCY 375.
467. AUDITING OF ACCOUNTING INFORMATION SYSTEMS (3). ... PRQ: A grade of C or better in each of the following courses: FINA 320, MGMT 335, MKTG ~~340~~ 295, OMIS 338, ACCY 360, and ACCY 375; or consent of department.
480. GOVERNMENTAL AND NOT-FOR-PROFIT ACCOUNTING (3). ... PRQ: A grade of C or better in each of the following courses: FINA 320, MGMT 335, MKTG ~~340~~ 295, OMIS 338, ACCY 332, and

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 4 of 86

ACCY 375.

Other catalog change

Page 96, 2017-18 Undergraduate Catalog

**Department Requirements**

↓

Satisfactory completion of FINA 320, MGMT 335, MKTG 340 295, and OMIS 338 as evidenced by a grade of C or better is required before an accountancy major is allowed to enroll in any 400-level accountancy course.

↓

To graduate as an accountancy major, ... includes courses in the ~~business core~~ Foundations of Business and Business Core, required ACCY courses, and electives required for the major.

**Major in Accountancy (B.S.)**

~~Business Core (46-50)~~

Foundations of Business Courses (29-32)

Business Core Courses (18)

Requirements in Department (27)

↓

**Department of Finance**

Course revisions

Page 102, 2017-18 Undergraduate Catalog

320. PRINCIPLES OF FINANCE (3). ... PRQ: ~~Business majors must have a C or better in each of the 100- and 200-level courses in the Business Core, a GPA of 2.50 or better, and a minimum of 45 earned credit hours; nonbusiness majors must have completed ACCY 206 or ACCY 288, and UBUS 223 or STAT 208 or STAT 301 or STAT 350,~~ and sophomore standing.

410. FINANCIAL MARKETING AND INVESTMENTS (3). ... PRQ: FINA 320 and MGMT 335 and MKTG 340 295, and OMIS 338 for all business majors; in addition ACCY 306 for business administration majors, and MGMT majors, and MKTG majors, and OMIS majors. CRQ: ACCY 331 for ACCY majors.

430. TREASURY AND CREDIT MANAGEMENT (3). ... PRQ: Satisfactory completion of the finance core<sup>1</sup> and ACCY 306 and MGMT 335 and MKTG 340 295 and OMIS 338 for all business majors, or consent of department.

440. SECURITY ANALYSIS AND PORTFOLIO MANGEMENT (3). ... PRQ: Satisfactory completion of the finance core,<sup>1</sup> and ACCY 306 and MGMT 335 and MKTG 340 295 and OMIS 338 for all business majors, or consent of department.

445. SECURITY ANALYSIS PRACTICUM (3). ... PRQ: Satisfactory completion of the finance core,<sup>1</sup> and ACCY 306 and MGMT 335 and MKTG 340 295 and OMIS 338 for all business majors, or consent of department.

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 5 of 86

450. COMMERCIAL BANK MANAGEMENT (3). ... PRQ: Satisfactory completion of the finance core,<sup>1</sup> and ACCY 306 and MGMT 335 and MKTG 340 295 and OMIS 338 for all business majors, or consent of department.

455. ANALYSIS OF DERIVATIVE SECURITIES (3). ... PRQ: Satisfactory completion of the finance core,<sup>1</sup> and ACCY 306 and MGMT 335 and MKTG 340 295 and OMIS 338 for all business majors; or FINA 410 with a grade of at least C for nonbusiness majors; or consent of department.

460. ANALYSIS OF FIXED INCOME SECURITIES (3). ... PRQ: Satisfactory completion of the finance core,<sup>1</sup> and ACCY 306 and MGMT 335 and MKTG 340 295 and OMIS 338 for all business majors, or consent of department.

465. INTERNAL REVIEW FOR FINANCIAL INSTITUTIONS (3). ... PRQ: Satisfactory completion of the finance core,<sup>1</sup> and ACCY 306 and MGMT 335 and MKTG 340 295 and OMIS 338 for all business majors, or consent of department.

470. INTERNATIONAL FINANCE (3). ... PRQ: Satisfactory completion of the finance core,<sup>1</sup> and ACCY 306 and MGMT 335 and MKTG 340 295 and OMIS 338 for all business majors, or consent of department.

475. FINANCIAL DATA ANALYSIS (3). ... PRQ: Satisfactory completion of the finance core,<sup>1</sup> and ACCY 306 and MGMT 335 and MKTG 340 295 and OMIS 338 for all business majors, or consent of department.

485. CASES IN FINANCIAL DECISION MAKING (3). ... PRQ: Satisfactory completion of the finance core,<sup>1</sup> and ACCY 306 and MGMT 335 and MKTG 340 295 and OMIS 338 for all business majors, or consent of department.

Other catalog change

Pages 100-101, 2017-18 Undergraduate Catalog

**Department Requirements**

↓

To graduate as a finance major or minor, a student must earn a grade of at least a C in each course required in the major or minor, which includes courses in the ~~business core~~ Foundations of Business and Business Core (for the major), required FINA courses, and all electives required for the major or minor.

↓

**Major in Finance (B.S.)**

~~Business Core (46-50)~~

**Foundations of Business Courses (29-32)**

**Business Core Courses (18)**

**Requirements in Department (21)**

↓

**Department of Management**

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 6 of 86

Course revisions

Pages 107-109, 2017-18 Undergraduate Catalog

MGMT 355. HUMAN RESOURCE MANAGEMENT (3). ... PRQ: Grade of C or better in the following courses: FINA 320 and MGMT 335 and MKTG ~~340~~ 295, and OMIS 338 (business majors); MGMT 333 (nonbusiness majors); or consent of department.

MGMT 411. ENTREPRENEURSHIP IN MICROFINANCE ORGANIZATIONS (3). ... PRQ: Grade of C or better in each of the following: FINA 320, MGMT 311, MGMT 335, MKTG ~~340~~ 295, and OMIS 338 (business majors); MGMT 311 (nonbusiness majors); or consent of department.

MGMT 421. GLOBAL SOCIAL VENTURE CONSULTING (3). ... PRQ: Grade of C or better in each of the following: FINA 320, MGMT 311, MGMT 335, MKTG ~~340~~ 295, and OMIS 338 (business majors); MGMT 311, and MGMT 320 or MGMT 227 (nonbusiness majors); or consent of department.

MGMT 427. ENTREPRENEURSHIP AND BUSINESS MODEL DESIGN (3). ... PRQ: Grade of C or better in each of the following: FINA 320, MGMT 335, MKTG ~~340~~ 295, and OMIS 338 (business majors). CRQ: MGMT 327 (all majors); in addition MGMT 227 or MGMT 320 (nonbusiness majors); or consent of department.

MGMT 431. SOCIAL VENTURE COMPETITION (3). ... PRQ: Grade of C or better in each of the following: FINA 320, MGMT 311, MGMT 335, MKTG ~~340~~ 295, and OMIS 338 (business majors); MGMT 311, and MGMT 227 or MGMT 320 (nonbusiness majors); or consent of department.

MGMT 436. COMPENSATION AND BENEFITS ADMINISTRATION (3). ... PRQ: Grade of C or better in each of the following: FINA 320, MGMT 335, MGMT 355, MKTG ~~340~~ 295, and OMIS 338.

MGMT 438. HUMAN RESOURCE PLANNING AND STAFFING (3). ... PRQ: Grade of C or better in each of the following: FINA 320, MGMT 335, MGMT 355, MKTG ~~340~~ 295, and OMIS 338.

MGMT 440. LEADING TEAMS (3). ... PRQ: Grade of C or better in the following courses: MGMT 335, MGMT 355, FINA 320, MKTG ~~340~~ 295, and OMIS 338; or consent of department.

MGMT 444. TRAINING AND DEVELOPMENT (3). ... PRQ: Grade of C or better in each of the following: FINA 320, MGMT 335, MGMT 355, MKTG ~~340~~ 295, and OMIS 338.

MGMT 447. LEADERSHIP (3). ... PRQ: Grade of C or better in each of the following: FINA 320, MGMT 335, MGMT 355, MKTG ~~340~~ 295, and OMIS 338.

^MGMT 448. EMPLOYMENT LAW (3). ... PRQ: Grade of C or better in each of the following: FINA 320, MGMT 335, MGMT 355, MKTG ~~340~~ 295, and OMIS 338.

MGMT 457. MANAGERIAL NEGOTIATIONS (3). ... PRQ: Grade of C or better in each of the following: FINA 320, MGMT 335, MKTG ~~340~~ 295, and OMIS 338; or consent of department.

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 7 of 86

MGMT 467. CORPORATE INNOVATION AND SOCIAL RESPONSIBILITY (3). ... PRQ: Grade of C or better in each of the following: FINA 320, MGMT 335 or MGMT 227 or MGMT 320, MKTG 310 and OMIS 338; or consent of department.

MGMT 468. STRATEGIC MANAGEMENT (3). ... PRQ: Grade of C or better in each of the following: FINA 320, MGMT 355, MKTG 310 295, and OMIS 338 and senior standing for all business majors. ACCY 331 (for ACCY majors); OMIS 442 or OMIS 450 or OMIS 452 or FINA 410 (for business administration majors); FINA 330 and FINA 340 and FINA 350 (for FINA majors); MGMT 355 and MGMT 457 (for MGMT majors); OMIS 340 and OMIS 442 and OMIS 452 and OMIS 455 (for OMIS majors). CRQ: MKTG 495 (for MTKG majors); OMIS 498 (for OMIS majors); or consent of department.

MGMT 487. MULTINATIONAL MANAGEMENT (3). ... PRQ: Grade of C or better in each of the following: FINA 320, MGMT 335, MKTG 310 295, and OMIS 338. CRQ: MGMT 355.

Other catalog change

Pages 104-105, 2017-18 Undergraduate Catalog

**Major in Management (B.S.)**

↓

**Requirements**

↓

To graduate as a management major, a student must earn a grade of at least C in each course required in the major, which includes courses in the business core Foundations of Business and Business Core, required MGMT courses, and all electives required for the major.

Management majors may repeat a maximum of two 300- or 400-level courses required in the major, which includes 300- and 400-level courses in the business core Business Core, required MGMT courses, and all elective courses required for the major.

↓

~~Business Core (46-50)~~

**Foundations of Business Courses (29-32)**

**Business Core Courses (18)**

**Emphasis 1. Leadership and Management**

↓

**Major in Business Administration (B.S.)**

↓

~~Business Core (46-50)~~

**Foundations of Business Courses (29-32)**

**Business Core Courses (18)**

**Other Requirements in the College of Business (31)**

↓

**Requirements**

Satisfactory completion of MGMT 335 as evidenced by a grade of C or better is required before a business administration major is allowed to enroll in any 300- or 400-level business course that has MGMT 335 as a

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 8 of 86

prerequisite. To graduate as a business administration major, a student must earn a grade of at least C in each course required in the major including courses in the business core **Foundations of Business and Business Core**. Business administration majors may repeat a maximum of two 300- or 400-level business courses.

Other catalog change

Page 106, 2017-18 Undergraduate Catalog

**Minor in Business Innovation and Entrepreneurship (18-21)**

↓

One of the following (3)

↓

ACCY 309 - A Survey of Income Taxes (3)

**MEE 382 - Design Thinking (3)**

MGMT 333 - Principles of Management<sup>1</sup> (3)

MGMT 447 - Leadership (3)

MGMT 457 – Managerial Negotiations (3)

**MGMT 467 - Corporate Innovation and Social Responsibility (3)**

MKTG 325 - Buyer Behavior (3)

↓

Other catalog change

Page 106, 2017-18 Undergraduate Catalog

**Minor in Social Entrepreneurship (21-24)**

↓

MGMT 411 - Entrepreneurship in Microfinance Organizations (3)

OR MGMT 421 - Global Social Venture Consulting (3)

**OR MGMT 467 - Corporate Innovation and Social Responsibility (3)**

MGMT 431 - Social Venture Competition (3)

↓

One of the Following (3)

↓

~~NNGO 410~~ **493** - Nonprofits and Community Engagement (3)

↓

Other catalog change

Pages 106-107, 2017-18 Undergraduate Catalog

**Social Entrepreneurship (9)**

↓

**Requirements (9)**

\*MGMT 311 - Social Entrepreneurship (3)

**Two of the following (6)**

\*MGMT 327 - Creativity, Innovation, and Entrepreneurship (3)

MGMT 411 - Entrepreneurship in Microfinance Organizations (3)

~~OR~~ MGMT 421 - Global Social Venture Consulting (3)

**MGMT 467 - Corporate Innovation and Social Responsibility (3)**



**Department of Marketing**

**All University Section**

**University Graduation Requirements**

Other Catalog Change                      2017-18 Undergraduate Catalog

**Writing-Infused Course List**

↓

^FINA 485. CASES IN FINANCIAL DECISION MAKING (3). ... PRQ: Satisfactory completion of the finance core,<sup>1</sup> and ACCY 306 and MGMT 335 and MKTG 340 **295** and OMIS 338 for all business majors, or consent of department.

↓

^MGMT 448. EMPLOYMENT LAW (3). ... PRQ: Grade of C or better in each of the following: FINA 320, MGMT 335, MGMT 355, MKTG 340 **295**, and OMIS 338.

↓

^OMIS 442. PROCESS AND QUALITY IMPROVEMENT (3). ... PRQ: OMIS 338 and OMIS 351 and FINA 320 and MGMT 335 and MKTG 310 **295**.

↓

**Department Section**

Course revisions

Page 112, 2017-18 Undergraduate Catalog

~~340 **295**. PRINCIPLES OF MARKETING (3). Basic ... and control. PRQ: Business majors must have a C or better in each of the 100 and 200 level courses in the Business Core, a GPA of 2.50 or better, and a minimum of 45 earned credit hours; nonbusiness majors must have sophomore standing.~~ **Sophomore standing.**

325. BUYER BEHAVIOR (3). ... PRQ: MKTG 340 **295** and PSYC 102; in addition for business administration majors: FINA 320 and MGMT 335 and OMIS 338.

345. BUSINESS MARKETING (3). ... PRQ: MKTG 340 **295**.

348. INTEGRATED MARKETING COMMUNICATIONS (3). ... PRQ: MKTG 340 **295**.

350. PRINCIPLES OF SELLING (3). ... CRQ: MKTG 340 **295**.

355. MULTICHANNEL DIRECT MARKETING (3). ... PRQ: MKTG 340 **295**.

364. PRODUCT PLANNING AND DEVELOPMENT (3). ... PRQ: MKTG 340 **295**.

365. PRINCIPLES OF RETAILING (3). ... PRQ: MKTG 340 **295**.

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 10 of 86

367. PRINCIPLES OF GLOBAL MARKETING (3). ... PRQ: MKTG 340 295.
370. INTERNET MARKETING (3). ... PRQ: MKTG 340 295.
387. INTERNATIONAL STUDY IN MARKETING (3). ... PRQ: MKTG 340 295, or consent of department.
395. CAREER MARKETING (1). ... PRQ: MKTG 340 295.
425. SERVICES MARKETING (3). ... PRQ: MKTG 340 295.
443. MARKETING RESEARCH (3). ... PRQ: FINA 320 AND MGMT 335 AND MKTG 340 295 and OMIS 338 (for business majors); MKTG 340 295, and UBUS 223 or STAT 301 or STAT 350 (for nonbusiness majors).
455. DATABASE MARKETING AND DATA MINING (3). ... PRQ: MKTG 340 295 and OMIS 351.
490. CURRENT TOPICS IN MARKETING (3). ... PRQ: MKTG 340 295 and consent of department.
491. INDEPENDENT STUDY IN MARKETING (1-3). ... PRQ: MKTG 340 295 and consent of department.

Other catalog change

Pages 110-111, 2017-18 Undergraduate Catalog

**Department Requirements**

The Department of Marketing's retention policy is competitive based on a student's overall GPA and satisfactory completion of FINA 320, MGMT 335, MKTG 340 295, and OMIS 338 as evidenced by a grade of C or better. To graduate as a marketing major, a student must earn a grade of at least C in each course required in the major, which includes courses in the ~~business core~~ **Foundations of Business and Business Core**, and all electives required for the major.

↓

**Major in Marketing (B.S.)**

~~Business Core (46-50)~~

**Foundations of Business Courses (29-32)**

**Business Core Courses (18)**

**Requirements in Department (21)**

↓

Electives in marketing, UBUS 485, or one of the following areas of study (9)<sup>1</sup>

(Footnote 1: Credits earned in MKTG 340 295, Principles of Marketing, and MKTG 458, Internship in Marketing, may not be used to complete the elective requirement.)

Other catalog change

Page 111, 2017-18 Undergraduate Catalog

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 11 of 86

**Minor in International Marketing (27-28)**

↓

**Requirements (18)**

MKTG 340 295 - Principles of Marketing (3)

↓

Other catalog change

Page 111, 2017-18 Undergraduate Catalog

**Minor in Marketing (24-25)**

Retention in the marketing minor is competitive based on the student's overall GPA and a grade of C or better in MKTG 340 295. ... .. and required marketing electives.

↓

**Requirements (15)**

MKTG 340 295 - Principles of Marketing (3)

↓

Two of the following (6)

↓

MKTG 355 - **Multichannel** Direct Marketing (3)

↓

Other catalog change

Pages 111-112, 2017-18 Undergraduate Catalog

**Digital Marketing (12)**

↓

Students interested ... complete MKTG 340 295 or planning purposes. Applications are available in the Department of Marketing.

↓

**Professional Selling (12)**

↓

The certificate of ... .. Business majors are encouraged to enroll in MKTG 350 the semester after MKTG 340 295, while non-business majors may opt out to take MKTG 340 295 concurrently with MKTG 350. MKTG 350 is the prerequisite for all other course work with this certificate.

↓

**Retail Management (12)**

↓

Students interested ... complete MGMT 335 and MKTG 340 295 (for business majors), or MGMT 333 (for nonbusiness majors), for planning purposes. Applications are available in the Department of Management or Department of Marketing.

↓

**Department of Operations Management and Information Systems**

**All University Section**

**Academic Regulations**

Other catalog change                      Page 71, 2018-18 Undergraduate Catalog

**Certificate of Undergraduate Study**

↓

Asian American Studies ...

~~Business Analytics Using SAP Software (Department of Operations Management and Information Systems)~~

Business Analytics Using SAS Software ...

↓

Energy Management ...

**Enterprise Management Using SAP Software (Department of Operations Management and Information Systems)**

Facilities Management ...

↓

Course revisions                      Pages 117-118, 2017-18 Undergraduate Catalog

340. SUPPLY CHAIN MANAGEMENT (3). ... PRQ: OMIS 338 and OMIS 351. CRQ: FINA 320 and MGMT 335 and MKTG 340 **295**.

421. SIMULATION MODELING OF BUSINESS PROCESSES (3). ... PRQ: FINA 320 and MGMT 335 and MKTG 340 **295** and OMIS 338 and OMIS 351.

425. INTEGRATED INFORMATION TECHNOLOGIES IN BUSINESS (3). ... PRQ: OMIS 351 or ACCY 310, and OMIS 338 and FINA 320 and MGMT 335 and MKTG 340 **295**.

442. PROCESS AND QUALITY IMPROVEMENT (3). ... PRQ: OMIS 338 and OMIS 351. CRQ: FINA 320 and MGMT 335 and MKTG 340 **295**.

452. DATABASE MANAGEMENT FOR BUSINESS (3). ... PRQ: OMIS 351. CRQ: OMIS 338 and FINA 320 and MGMT 335 and MKTG 340 **295**.

455. ENTERPRISE RESOURCE PLANNING (3). ... PRQ: OMIS 338 and OMIS 351. CRQ: FINA 320 and MGMT 335 and MKTG 340 **295**.

Other catalog change                      Page 115, 2017-18 Undergraduate Catalog

**Department Requirements**

↓

To graduate as an operations and information management major, a student must earn a grade of at least C in each course required in the major, which includes courses in the ~~business core~~ **Foundations of Business and Business Core**, required OMIS courses, and all electives required for the major.

SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog

p. 13 of 86

↓  
**Major in Operations and Information Management (B.S.)**  
~~Business Core (46-50)~~  
**Foundations of Business Courses (29-32)**  
**Business Core Courses (18)**  
**Requirements in Department (28)**

↓

Other catalog change                      Page 116, 2017-18 Undergraduate Catalog

**Minor in Business Analytics (24-25)**  
↓  
**Core Requirements (15)**  
↓  
OMIS 472 - Introduction to Business Intelligence (3)  
**OR OMIS 473 - Data Visualization for Business (3)**  
**OR OMIS 474 - Digital Analytics (3)**  
OMIS 482 - Predictive Business Analytics (3)

Other catalog change                      Pages 116-117, 2017-18 Undergraduate Catalog

~~Business Analytics~~ **Enterprise Management Using SAP Software (12)**  
Coordinator: ~~Steven Kispert~~ **Academic Advisor**, Department of Operations Management and Information Systems

This certificate is designed for all majors. ~~Business Analytics~~ **Enterprise Management Using SAP Software** is a broad category of technologies, applications, and practices for gathering, storing, accessing, and analyzing enterprise data to support effective decision making. ~~Business Analytics has been consistently ranked as one of top five technology priorities during the past several years by chief information officers in Gartner's annual survey of IT executives.~~ **Enterprise software is a category of computer programs used to run a business. Enterprise software is designed to solve organization-wide problems, rather than individual departmental problems. The goal for an organization adopting enterprise software is improved productivity and efficiency through better management of its core business processes. The market leader in business analytics application enterprise software is SAP. A certificate in Business Analytics Enterprise Management Using SAP Software will allow students to understand how to run organizations more effectively by improving various business processes and using SAP technology.**

↓

Students interested in ... they complete ~~UBUS 310~~ or OMIS 338 so the coordinator may advise students regarding course scheduling. Applications are available in the Department of Operations Management and Information Systems.

↓

**Required Courses (four of the following - 12):**  
**OMIS 340 - Supply Chain Management (3)**  
OMIS 444 - Manufacturing Systems Management (3)

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 14 of 86

↓  
OMIS 478 - Supply Chain Systems (3)  
~~OMIS 480 – Advanced Supply Chain Management (3)~~

**COLLEGE OF EDUCATION**

**All University Section**

**Academic Regulations**

Other Catalog Change                      Page 71, 2017-18 Undergraduate Catalog

**Certificates of Undergraduate Study**

↓  
Digital Media Production (Communication)  
**eLearning Design (Department of Educational Technology, Research & Assessment)**  
Energy Management (Department of Technology)  
↓  
Illinois Director Credential Certificate-Level 2 (School of Family and Consumer Sciences)  
**Inclusive Teaching Practices (College of Education)**  
Infant Toddler Credential Certificate-Level 5 (School of Family and Consumer Sciences)  
↓  
Women’s and Gender Studies (College of Liberal Arts and Sciences)  
**Young Children with Disabilities Studies (Education)**

**Department of Counseling, Adult and Higher Education**

New Courses                                      Page 123, 2017-18 Undergraduate Catalog

CIP code: 13.0403

CAHE 100. FOUNDATION OF SOCIAL CHANGE LEADERSHIP (3). Introduction to the theoretical and philosophical foundations of social change leadership. Attention to ethical decision-making, development of critical self-reflection, and the role of collaboration and social responsibility in promoting social change.

CAHE 200. APPLICATION OF SOCIAL CHANGE LEADERSHIP (3). Focuses on social change leadership styles and strategies through the analysis of case studies and social movements. Examines role of individual leadership, values, and strategies for advancing social justice, change, and responsibility.

CAHE 486. INTERNSHIP IN SOCIAL CHANGE LEADERSHIP (1-3). Supervised experience for undergraduate students enrolled in the social change leadership minor. May be repeated to a maximum of 3 semester hours. PRQ: Consent of department.

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 15 of 86

CAHE 492. CAPSTONE IN SOCIAL CHANGE LEADERSHIP (3). Intensive case study, research paper, action research project, or other scholarly work in social change leadership. Development of capstone project for social change leadership minors. PRQ: Consent of department.

**Department of Curriculum and Instruction**

Course Revisions

Page 130, 2017-18 Undergraduate Catalog

TLEE 382. CLINICAL EXPERIENCE IN ELEMENTARY SCHOOL CURRICULUM AND INSTRUCTION (1). Pre-student teaching ... education courses. PRQ: TLEE 282- or EPS 282X, EPFE 410, LTIC 301, and successful completion of the ILTS Test of Academic Proficiency or equivalent ACT waiver.

TLEE 383. ELEMENTARY EDUCATION PROFESSIONAL YEAR I: INTERNSHIP TO STUDENT TEACHING (2). Pre-student teaching practicum to be taken in conjunction with methods courses. Methodology related ... plans required. S/U grading. PRQ: TLEE 382, 385 and LTRE 350. CRQ: TLEE 344 and ETR 430. To be taken in conjunction with methods courses.

TLEE 385. DIFFERENTIATION IN ELEMENTARY SCHOOL INSTRUCTION: FIELD EXPERIENCE WITH DIVERSE LEARNERS (1). Pre-student teaching ... work required. S/U grading. PRQ: TLEE 382 and EPS 450. CRQ: LTIC 420.

Other Catalog Change

Page 124, 2017-18 Undergraduate Catalog

**Department of Curriculum and Instruction (LTIC, LTLA, LTRE, TLCI, TLEE)**

↓

The department offers the B.S.Ed. degree with either a major in elementary education, to prepare candidates to obtain professional educator licensure in grades 1-6; or a major in middle level teaching and learning, to prepare candidates to obtain professional educator licensure in grades 5-8, which meet State of Illinois approval. Candidates who successfully complete one of these the programs and pass the state mandated Teacher Performance Assessment will have completed all required ISBE and CAEP standards for receiving university recommendation for licensure. Successful completion of a one of these programs without receipt of a passing score on the state mandated Teacher Performance Assessment may result in the candidate receiving a degree without university recommendation for licensure in grades 1-6(elementary education) or 5-8 (middle level grades).

Candidates who successfully ... recommendation for licensure in grades 1-6. Successful completion ... for licensure.

Other Catalog Change

Page 124, 2017-18 Undergraduate Catalog

**Major in Elementary Education (B.S.Ed.)**

↓

**Requirements outside Department (60)**

↓

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 16 of 86

SESE 240 - Introduction to Special Education (23)

Other Catalog Change

Page 127, 2017-18 Undergraduate Catalog

**Major in Middle Level Teaching and Learning (B.S.Ed.)**

**Minor Content Area Option: Foreign Language Spanish (24)**

↓

FLSP 211 - Intermediate Spanish Conversation

OR FLSP 215 - Spanish Grammar for Heritage Spanish Speakers I (3)

↓

FLSP 361 - Introduction to Spanish Cultures Spain Today (3)

OR FLSP 362 - Introduction to Spanish American Cultures Latin America Today (3)

↓

**Department of Educational Technology, Research and Assessment**

Other Catalog Change

Page 131, 2017-18 Undergraduate Catalog

**Certificate of Undergraduate Study**

**eLearning Design (12)**

This certificate of undergraduate study in eLearning design is designed to provide students in all majors a set of four courses focused on exploring new learning environments integrated with enhanced technology while developing skills to understand the theories and practice of eLearning design. Students will examine the conceptual and technical basis of eLearning design and obtain hands-on experience with various interactive technologies and use of survey methods for evaluation purposes.

**Requirements**

Students must maintain good academic standing within the university, achieve a minimum grade of a C in each course applied toward the certificate, and complete all certificate course work within a period of four calendar years. Only courses taken at NIU may be applied toward the certificate. With department approval, courses may be applied toward undergraduate degree requirements in the department. Students interested in the certificate should apply no later than the beginning of their final semester prior to graduation. Applications are available in the Department of Educational Technology, Research and Assessment.

**Required Courses (12)**

ETR 340 - Survey Methods for Training and Evaluation (3)

ETT 329 - Learning in the Digital Age (3)

ETT 439 - Developing Educational Software (3)

ETT 492 - Special Topics in Instructional Technology (3) (when topics are related to eLearning Design)

**Department of Kinesiology and Physical Education**



**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 17 of 86

**All University Section**

**University Graduation Requirements**

Other Catalog Change

Page 59-63, 2017-18 Undergraduate Catalog

**Knowledge Domain Course Descriptions**

↓

**Society and Culture**

↓

^LESM 365. COMMUNICATION STRATEGIES IN SPORT ~~AND EXERCISE~~ (3). ....

↓

**Knowledge Domain Course Titles**

↓

**Society and Culture**

↓

LESM 365 - Communication Strategies in Sport ~~and Exercise~~ (3)

↓

**Pathways**

↓

**Health and Wellness**

↓

**Select one of the following Society and Culture courses:**

↓

LESM 365 - Communication Strategies in Sport ~~and Exercise~~ (3)

**Department Section**

Course Deletions

Page 137-140, 2017-18 Undergraduate Catalog

KNDN 355. Fitness and Conditioning for Dancers (2).

KNDN 356. Practicum in Dance (1).

KNDN 365. Accompaniment for Dance (2).

KNDN 366. Dance Production (2).

KNDN 367. Dance Performance in Education (1).

KNDN 467. Curricula and Programs for Dance (2).

KNPE 105. Advanced Weight Training (2).

KNPE 114. Badminton II (1).

KNPE 124. Tennis II (1).

KNPE 139. BASKETBALL II (1).

KNPE 140. PILATES (1).

KNPE 144. PRINCIPLES OF CROSS TRAINING (1).

KNPE 146. VOLLEYBALL II (2).

KNPE 148. CORE STRENGTH AND STABILITY (1).

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 18 of 86

- KNPE 188. MARATHON TRAINING (2).
- KNPE 189. OLYMPIC WEIGHTLIFTING (1).
- KNPE 190. TUMBLING (1).
- KNPE 193. TUMBLING AND FLOOR EXERCISE (2).
- KNPE 197. BICYCLING (1).
- KNPE 199H. MAN, MOVEMENT, AND ENVIRONMENT (1).
- KNPE 209. TUMBLING (½).
- KNPE 217. PERSONAL HEALTH-RELATED FITNESS DEVELOPMENT (1).
- KNPE 225. FUNDAMENTAL SPORT SKILLS I (2).
- KNPE 226. FUNDAMENTAL SPORT SKILLS II (2).
- KNPE 227. RHYTHMIC AND COOPERATIVE GYMNASTICS (½).
- KNPE 230. LIFEGUARD TRAINING (2).
- KNPE 231. WATER SAFETY INSTRUCTOR (2).
- KNPE 240. AQUATIC FITNESS (1).
- KNPE 241. AEROBIC FITNESS (1).
- KNPE 242. TECHNIQUES OF RESISTANCE TRAINING (1).
- KNPE 243. PROGRAM DEVELOPMENT OF RESISTANCE TRAINING (1).
- KNPE 316. SELF-IMPROVEMENT THROUGH POSTURE EDUCATION AND RELAXATION TECHNIQUES (2).
- KNPE 317. STRESS MANAGEMENT PROGRAMMING FOR FITNESS LEADERS (3).
- KNPE 360. METHODS OF TEACHING FIRST AID AND SAFETY (2).
- KNPE 374. COACHING FAST-PITCH SOFTBALL (2).
- KNPE 375. THEORY AND PRACTICE OF COACHING BASEBALL/SOFTBALL (2).
- KNPE 376. THEORY AND PRACTICE OF COACHING BASKETBALL (2).
- KNPE 378. THEORY AND PRACTICE OF COACHING FOOTBALL (2).
- KNPE 379. THEORY AND PRACTICE OF COACHING GOLF (2).
- KNPE 381. THEORY AND PRACTICE OF COACHING SOCCER (2).
- KNPE 383. THEORY AND PRACTICE OF COACHING COMPETITIVE SWIMMING (2).
- KNPE 384. THEORY AND PRACTICE OF COACHING TRACK AND FIELD (2).
- KNPE 385. THEORY AND PRACTICE OF COACHING VOLLEYBALL (2).

New Course

Page 137, 2017-18 Undergraduate Catalog

CIP code: 31.0501

KNPE 115. BILLIARDS (1). Fundamental skills and techniques of billiards.

KNPE 121. PICKLEBALL (1). Fundamental skills and techniques of pickleball.

New Course

Page 137, 2017-18 Undergraduate Catalog

CIP code: 31.0505

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 19 of 86

KNPE 233. CAREER DEVELOPMENT AND ACADEMIC SUCCESS IN KINESIOLOGY AND PHYSICAL EDUCATION (1). Evaluation and professional development of student interests, abilities, skills, and expectations related to KNPE undergraduate programs and related professional opportunities. May be repeated to a maximum of 2 semester hours. PRQ: Kinesiology and Physical Education major or minor or consent of department.

KNPE 461. PHYSICAL ACTIVITY AND WELLNESS (3). Critical analysis of modern physical activity epidemiology allied with discussions of the importance of fitness and the relationship with the multidimensional components of wellness. PRQ: Junior standing or consent of department.

New Course

Page 142, 2017-18 Undergraduate Catalog

CIP code: 51.0913

KNPE 489. INTERNSHIP IN ATHLETIC TRAINING (1-6). Internship experience for students in B.S. degree program in athletic training. May be repeated to a maximum of 6 semester hours. S/U grading. PRQ: Minimum overall 2.50 GPA, grade of C or better in KNPE 314, KNPE 445, KNPE 452, and KNPE 463, First Aid and CPR certifications, and consent of department.

New Courses

Page 142, 2017-18 Undergraduate Catalog

CIP code: 31.0504

LESM 152. PERSPECTIVES IN U.S. SPORT (3). Survey on the emergence of modern-day sports and the role they play in the United States. Focus on past and recent events in U.S. sports during the 19th, 20th, and 21st centuries.

LESM 201. INTRODUCTION TO SPORT MANAGEMENT (3). Overview of sport management professions. Primary focus on sport industry, including professional sports, amateur/intercollegiate sport, for-profit sport participation, nonprofit sport participation, sporting goods, and sport services.

LESM 350. SPORT SALES AND SPONSORSHIP (3). Application and theories of sponsorship acquisition and sales methods to the sport industry. Examination of sport sponsorship and sales strategies and sponsorship evaluation methods in sport. CRQ: MKTG 350. PRQ: At least junior standing or consent of department.

LESM 353. SPORT LEADERSHIP (3). Theories of leadership and their application to and effect on a sport organization and its member constituents.

LESM 386. PROFESSIONAL DEVELOPMENT IN SPORT MANAGEMENT (1). Practical application and professional skill development in the area of sport management. Development to successfully prepare for internship and job placement in the sports industry. May be repeated to a maximum of 2 semester hours. PRQ: LESM 201 and at least junior standing; or consent of department.

LESM 444. FINANCE IN THE SPORT INDUSTRY (3). The conceptual and theoretical aspects of financial

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 20 of 86

accounting management practices associated with the organization and operation of sport programs and organizations. The interaction of financial activities and management roles and functions. PRQ: FINA 320 and junior standing; or consent of department.

LESM 451. SPORT TICKET SALES (3). Practical application of sales strategies, techniques, operations, and practices specific to the sport ticketing industry. PRQ: MKTG 350, and at least junior standing; or consent of department.

LESM 452. ADVANCED EXPERIENCE IN SPORT MANAGEMENT (3). Enhancement of practical experiences in the sport management field. A series of guest lecturers, individual and group assignments, and practical experiences, will hone organizational, planning, managing, marketing, leadership, and selling skills. PRQ: Consent of department.

LESM 496. SPECIAL TOPICS IN SPORT MANAGEMENT (1-3). Topics announced. May be repeated to a maximum of 6 semester hours when topic varies. PRQ: Consent of department.

Course Revisions

Page 140, 2017-18 Undergraduate Catalog

KNPE 354. ANALYSIS AND TECHNIQUES OF TEACHING DANCE FITNESS (2). Analysis ...movement. PRQ: ~~KNPE 217 or e~~ Consent of department.

KNPE 457. ANALYSIS AND TECHNIQUES OF TRAINING AND CONDITIONING (3). Design ...skills. PRQ: ~~KNPE 217, KNPE 241, and KNPE 242.~~ CRQ: KNPE 451 or KNPE 452.

Course Revisions

Page 142, 2017-18 Undergraduate Catalog

LESM 365. COMMUNICATION STRATEGIES IN SPORT ~~AND EXERCISE~~ (3). Application of communication theories to the sport ~~industry, exercise, and fitness industries.~~ Examination of public and media relations with a special focus on message development, social media, image building and crisis management for sport, ~~exercise, and fitness~~ organizations.

LESM 438. ~~SPORT AND FITNESS~~ MANAGEMENT STRATEGIES (3). Management functions ~~as each~~ related to sport ~~and fitness~~ organizations. Investigation of managerial roles and skills, and their effects on interpersonal, group, and organizational relationships. PRQ: ~~KNPE 301 or~~ **At least junior standing or consent of department.**

LESM 439. LEGAL AND ETHICAL ASPECTS OF SPORT ~~AND FITNESS~~ (3). Overview of the United States legal system, different forms of legal liability and legal issues with application to the sport ~~industry and fitness industries.~~ Nature and role of ethics in sport ~~and fitness.~~ PRQ: At least junior standing or consent of ~~instructor~~ **department.**

LESM 442. **PROMOTION AND MARKETING** OF SPORT ~~AND FITNESS~~ PROGRAMS (3). Principles of organizing, **marketing,** and promoting events and activities associated with sports ~~and fitness.~~ PRQ: **MKTG**

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 21 of 86

**310 and A** At least junior standing or consent of **department** instructor.

LESM 486. INTERNSHIP IN SPORT MANAGEMENT (1-15~~6~~). **Supervised full-time professional working experience for students in a sports management setting.** May be repeated to a maximum of ~~6-15~~ semester hours. PRQ: Consent of department.

Other Catalog Change

Page 135, 2017-18 Undergraduate Catalog

**Major in Athletic Training (B.S.)**

↓

**Requirements in Department (73)**

↓

#KNPE 474 ...

**KNPE 489 - Internship in Athletic Training (6)**

~~KNPE 494 - Internship in Kinesiology (6)~~

**Requirements outside Department**

↓

**Major in Kinesiology (B.S.)**

↓

**Requirements in Department (42)**

↓

LESM 438 - Sport and Fitness Management Strategies (3),  
OR LESM 442 - Promotion **and Marketing** of Sport and Fitness Programs (3)

↓

**One of the following areas of study (10)**

Wellness Focus (10):

**KNPE 461 - Physical Activity and Wellness (3)**

KNPE 462 - Clinical Exercise Physiology (4)

<sup>^</sup>KNPE 464 - Scientific Basis of Exercise Prescription and Progression (3)

~~KNPE 465 - Programming, Planning, Implementation, Evaluation (3)~~

Performance Focus (10):

**KNPE 461 - Physical Activity and Wellness (3)**

KNPE 470 - High Performance Development (4)

KNPE 472 - Periodization for Performance Enhancement (3)

<sup>Δ</sup>LESM 365 - ~~Communication Strategies in Sport and Exercise (3)~~

Sport Management Focus (10):

↓

<sup>^\*</sup>LESM 365 - Communication Strategies in Sport and Exercise (3)

LESM 438<sup>1</sup> - Sport and Fitness Management Strategies (3),

OR LESM 442<sup>1</sup> - Promotion **and Marketing** of Sport and Fitness Programs (3)

**Department of Special and Early Education**

**All University Sections**

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 22 of 86

**A Guide to Reading This Catalog**

Other Catalog Change Page 7, 2017-18 Undergraduate Catalog

**Course Designators**

↓

SEVI-Visual Disabilities **Impairments**

**Limited Admissions and Limited Retention Requirements**

Other Catalog Change Pages 26-27, 2017-18 Undergraduate Catalog

**Limited Admissions Requirements**

~~**Early Childhood Education Major (Department of Special and Early Education)**~~

‡

~~Candidates must be admitted to the early childhood education program before they can enroll in the first professional semester.~~

**Educator Licensure Requirements**

Other Catalog Change Page 67, 2017-18 Undergraduate Catalog

<b>Licensure Program</b>	<b>Academic Department/School</b>
<i>Early Childhood License (birth through grade 3 <b>2</b>)</i>	Special and Early Education
<i>Elementary License (1-6)</i>	Curriculum and Instruction
↓	
<i>Special License (K-12)</i>	
Art and Design1	Art and Design
<del>Blind and Partially Seeing</del>	<del>Special and Early Education</del>
French	Foreign Languages and Literatures
German	Foreign Languages and Literatures
<del>Learning Behavior Specialist I</del>	<del>Special and Early Education</del>
Music	Music
Physical Education	Kinesiology
Spanish	Foreign Languages and Literatures
<b>Special Education (Pre-K – age 21)</b>	

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog

p. 23 of 86

Learning Behavior Specialist I	Special and Early Education
Visual Impairments	Special and Early Education

Department Section

New Course Page 153, 2017-18 Undergraduate Catalog

CIP code: 13.1099

SEVI 205. THE BLINDNESS EXPERIENCE (3) Exploration of diverse views of blindness, underlying societal factors that influence these views, and adaptations commonly used by people who are blind or have low vision to maximize their independence, health, and wellness in daily life.

Course Revisions Page 150, 2017-18 Undergraduate Catalog

SEEC 282. EDUCATIONAL PARTICIPATION IN CLINICAL EXPERIENCES: EARLY CHILDHOOD EDUCATION (3). Pre-student teaching clinical in early childhood programs for children 3 years through 5 years of age. ~~Candidates are required to participate a minimum of 80 clock hours.~~ May be repeated to a maximum of 6 semester hours. S/U grading.

SEEC 382. PRACTICUM IN EARLY CHILDHOOD STUDIES **EDUCATION** (3). Participation and observation in early childhood classrooms where children ages ~~five 5~~ through ~~eight 8~~ are enrolled. ~~Candidates are required to participate and observe for a minimum of 80 clock hours.~~ May be repeated to a maximum of 6 semester hours. S/U grading.

SESE 260. **SERVICE LEARNING FIELD EXPERIENCE IN SPECIAL EDUCATION OBSERVATION OF INDIVIDUALS WITH DISABILITIES IN COMMUNITY AND/OR SCHOOL SETTINGS** (1). Accumulation of 30 hours of experience ~~working with~~ **observing** individuals with disabilities in community and/or school settings. **Reflection on inclusive practices and societal views of disability.** S/U grading.

SESE 418. EARLY FIELD EXPERIENCE IN SPECIAL EDUCATION: ELEMENTARY, MILD DISABILITIES (2). Supervised ...S/U grading. PRQ: SESE 370 and LTCY 300; admission to teacher education program, passing score on TAP or equivalent, criminal background check, ~~TB test~~, and other district, department, and university requirements.

SESE 449. EARLY FIELD EXPERIENCE IN SPECIAL EDUCATION: MIDDLE/SECONDARY (2). Pre-student ... plans. S/U grading. PRQ: SESE 415, SESE 416, SESE 417 SESE 418, criminal background check, ~~TB test~~, and other district, department, and university requirements.

SESE 463. EARLY FIELD EXPERIENCE IN SPECIAL EDUCATION: AUTISM AND DEVELOPMENTAL DISABILITIES (2). Pre-student teaching ... programs. S/U grading. PRQ: SESE 444, SESE 446, SESE 447, SESE 448, and SESE 449, criminal background check, ~~TB test~~, other district, department, and university requirements.

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 24 of 86

Course Revisions

Page 154, 2017-18 Undergraduate Catalog

SEVI 450. ASSISTIVE TECHNOLOGY FOR INDIVIDUALS WITH VISUAL IMPAIRMENTS (3). Includes laboratory experience with selected hardware and software. May not be repeated as ~~TLSE 579~~ SEVI 550. PRQ: SEVI 420 and SEVI 421 or consent of department.

SEVI 484. STUDENT TEACHING IN ELEMENTARY SPECIAL EDUCATION: ~~VISION~~ VISUAL IMPAIRMENTS (6). Supervised observation and teacher-directed experiences in cultural and educational settings with students who are visually impaired in diverse cultural and educational settings. Students must satisfy the regulations governing student teaching. PRQ: Completion of professional education and related course work; or consent of department.

SEVI 485. STUDENT TEACHING IN SECONDARY SPECIAL EDUCATION: ~~VISION~~ VISUAL IMPAIRMENTS (6). Supervised observation and teacher-directed experiences in cultural and educational settings with students who are visually impaired in cultural and educational settings. Students must satisfy the regulations governing student teaching. PRQ: Completion of professional education and related course work; or consent of department.

SEVI 486. TOPICAL SEMINAR IN TEACHING STUDENTS WITH VISUAL IMPAIRMENTS (3). Trends and ...environments. PRQ: SEVI 440 and SEVI 441 and SEVI 480; or ~~C~~ consent of department.

SEVI 480. FIELD EXPERIENCE IN SPECIAL EDUCATION: ~~VISION~~ VISUAL IMPAIRMENTS (3). ....

Other Catalog Change

Page 147-148, 2017-18 Undergraduate Catalog

**Department of Special and Early Education (SEEC, SESE, SEVI)**

~~Admission to the major in early childhood education is limited. See “Limited Admissions and Limited Retention Requirements” in this catalog.~~

The Department of Special and Early Education (SEED) offers the B.S. degree ... early childhood education and special education (Learning Behavior Specialist I and Visual Impairments) are offered. ~~Viewing teaching both as an art and a science, learning as a reciprocal process, and service as a responsibility, the department provides curriculum and instruction grounded in theory, research, and best practice.~~

The B.S.Ed. degree in special education is designed for those who plan to teach students with disabilities at the elementary, middle, and secondary levels. ~~This program prepares candidates for a professional educator licensure with endorsement for teaching individuals with disabilities, either as Emphasis 1. Learning Behavior Specialist I, or Emphasis 2. Vision Impairments.~~

~~As part of the licensing process, students must pass the competency examinations required by the Illinois State Board of Education, one in basic skills, one in the subject matter knowledge that corresponds most closely to the Illinois field for which they are seeking professional educator license and associated endorsement, and, for special educators, one in the general education curriculum. Additional tests may be required before applying~~



~~for Illinois educator licensure.~~

Advisement ....



### **Major in Early Childhood Education (B.S.)**

~~The Department of Special and Early Education offers a program leading to the B.S. degree with a major in early childhood education. The is a program is designed to prepare ... young children.~~

The Early Childhood Education major prepares candidates to obtain professional educator licensure with the Early Childhood Education endorsement ... Illinois public school system). The early childhood education program is approved by the Illinois State Board of Education (ISBE) and the National Association for the Education of Young Children.

~~Admission to the early ... section of this catalog.~~

~~Students must be ... education courses.~~

### **Licensure and Endorsement Requirements**

Candidates who major in early childhood education are required to meet Illinois licensure requirements including at least three semester hours of cultural diversity course work. To advance to the first professional semester, candidates must have a) achieved an NIU GPA of 2.50 or better, b) completed the safety tutorial, and c) obtained a passing score on all sections of the Test of Academic Proficiency (TAP). The TAP may be waived by ISBE based on the applicant's ACT plus writing or SAT scores. See an adviser for current testing requirements. To continue to enroll, candidates must maintain a minimum GPA of 2.50 in all professional education courses. The major GPA is calculated using course work completed in the Department of Special and Early Education.

~~Students should carefully read the section entitled "Educator Licensure Requirements."~~

As part of educator licensure, students candidates are required to pass Illinois Licensure Testing System (ILTS) examinations as required by the Illinois State Board of Education ISBE. These requirements include obtaining a passing score on the Test of Academic Proficiency (TAP) and completing the Safety Tutorial prior to formal admission into the program. Prior to student teaching, candidates must earn a passing score on the subject matter knowledge content area test (Early Childhood Education) prior to student teaching. During student teaching, candidates must earn a passing score on the Teacher Performance Assessment (edTPA). Failure to earn a passing score on the edTPA may result in the candidate receiving a degree without university recommendation for licensure. The Test of Academic Proficiency may be waived by ISBE based on the applicant's ACT or SAT scores. See an adviser for current testing requirements.

Due to the comprehensive nature of the program and required course sequence, all students candidates must plan their program of study with an early childhood education adviser. Some districts where candidates are placed for clinicals and student teaching may require a TB test. For information on additional requirements, Students candidates should carefully read the catalog section entitled "Educator Licensure Requirements."

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 26 of 86

~~The major GPA is calculated using course work completed in the Department of Special and Early Education.~~

The student learning outcomes for this degree are located at  
[www.niu.edu/assessment/clearinghouse/outcomes/index.shtml](http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml).

**Professional Educator License with Early Childhood Endorsement and Preschool Special Education Approval**

As part of educator licensure requirements, ~~students~~ candidates in the early childhood education program must earn a grade of C or better in COMD 220; COMS 100, ENGL 103, ENGL 203 (or ENGL 204), #EPFE 201; GEOG 202 or GEOG 204; HDFS 230; #HIST 260 or #HIST 261; #LTIC 301; LTIC 400; LTIC 420; LTIC 445; LTLA 305; LTLA 361; LTRE 309; MATH 201; POLS 100; PSYC 102; SEEC 340; ^SEEC 343; SEEC 401; ^SEEC 403; SEEC 425; SEEC 430; SESE 240; SESE 423; SESE 424; and SESE 426. In addition, ~~students~~ candidates must earn a grade of C or better in one life science course, one earth/space science course, one physical science course, and two elective courses. Also, ~~students~~ candidates must earn a grade of S in all early field experience and student teaching courses (SEEC 282, SEEC 382, SEEC 485A, SEEC 485B).

**Requirements in Department (48)**

↓

SEEC 382 - Practicum in Early Childhood Studies Education (3)

↓

**Requirements outside Department (51-54)**

↓

Science courses (physical, life, earth/space) approved by adviser (6-9)

**Total Hours for Professional Educator License with Early Childhood Education Endorsement and Preschool Special Education Approval: 99-102**

Other Catalog Change

Page 148-153, 2017-18 Undergraduate Catalog

**Note: Any changes related to the name change for the emphasis in Vision Impairments needs the approval of Pres. Freeman.**

**Major in Special Education (B.S.Ed.)**

The B.S. Ed. in Special Education includes two emphases: Learning Behavior Specialist I (LBS I) and ~~Vision~~ Visual Impairments. The LBS I cross-categorical emphasis prepares ~~students~~ candidates to obtain an Illinois educator license with entitlement as a Learning Behavior Specialist I (Pre-K~~school~~ - age 21). The emphasis in ~~Vision~~ Visual Impairments prepares ~~students~~ candidates to obtain an Illinois educator license with entitlement in the area of Teacher of Students Who Are Blind or Visually Impaired (Pre-K~~school~~ - age 21).

~~The Special Education program provides a broad range of professional knowledge, skills, and dispositions for students preparing to become special education teachers. Field experiences and course work have been carefully designed and coordinated based on policies, standards, and frameworks of the university, the College of Education; the Illinois State Board of Education (ISBE); and the Council for Exceptional Children (CEC); an international organization for special education.~~

**Entrance and Retention in the LBS I and Vision Visual Impairments Program Emphases**

To enter into the teacher education in special education and advance to the first professional semester, ~~students~~ candidates must have (a) achieved an NIU GPA of 2.50 or better, (b) received a grade of C or better in SESE 240 or an equivalent transfer course, (c) completed the safety tutorial prior to the first clinical experience, and (d) ~~obtained a passing score on all sections~~ met the current Illinois requirements for a passing score on one of the following: Test of Academic Proficiency (TAP), ~~or a minimum composite score 22 or above on the ACT including the combined English writing score of 19 minimum or on the SAT 1030 composite score with a minimum 450 on the portion.~~ During the pre-professional semester, students complete an application form indicating intent to begin the professional course sequence. Advising staff verify scores on the Test of Academic Proficiency TAP (or ACT/SAT), completion of the safety tutorial, prerequisite course grades, and overall NIU GPA. All ~~students~~ candidates who meet requirements are admitted to the Learning Behavior Specialist I or ~~Vision~~ Visual Impairments teacher education program.

To remain a major in special education, candidates must (a) maintain a cumulative GPA of 2.50 or better, (b) receive a grade of C or better in professional courses and a grade of Satisfactory (S) in clinical courses, and (c) pass the ISBE content area test and Special Education General Curriculum Test before enrolling in student teaching courses. ~~Students~~ Candidates in the LBS I emphasis take the Learning Behavior Specialist I content test, and ~~candidates~~ students in the ~~Vision~~ Visual Impairments emphasis take Teacher of Students Who Are Blind or Visually Impaired content test. ~~The departmental advising staff track GPA and course grades at the end of each semester and verify passing scores on the content area and Special Education General Curriculum Test prior to student teaching.~~ For both the LBS I and the Visual Impairments emphases, candidates must pass all required courses in professional semesters with grades of C or better or, as appropriate, with a grade of S, before advancing to the next professional semester. Candidates must pass the first student teaching course with a grade of S before advancing to the second student teaching course. School districts providing early clinical and student teaching placements may have additional requirements such as TB testing that candidates must complete prior to working with students.

Candidates are expected to meet all university and College of Education standards for retention. ~~They also must meet the~~ as well as standards set forth in the Council for Exceptional Children Code of Ethics and Standards for Professional Practice for Special Educators.

↓

**Transfer Students**

To be admitted to teacher education in Emphasis 1, Learning Behavior Specialist I, ~~Individuals who have earned the Associate of Arts in Teaching (A.A.T.) in Special Education may apply to transfer into teacher education in either the Learning Behavior Specialist I (LBS I) or the Visual Impairments emphasis.~~ Transfer students must (a) provide evidence of having met the current Illinois requirements for passing the Test of Academic Proficiency TAP, ~~(or of obtaining a minimum score on the ACT with writing, or SAT (of the ACT),~~ and (b) have a minimum transfer GPA of 2.50, and (c) including have grades of C or better in A.A.T. professional special education courses. The LBS I emphasis requires that the A.A.T. program must include courses in Language Development and Introduction to Foundations of Reading. ~~Students~~ Candidates transferring to NIU with an A.A.T. in Special Education, who intend to pursue the Learning Behavior Specialist I LBS I program, must contact the undergraduate academic adviser no later than one year prior to admission to NIU. Failure to do so may result in a delay of registration for the initial block sequence of courses leading to educator license with LBS I endorsement.

**License and Endorsement Requirements**

Candidates who major in special education in the Learning Behavior Specialist I emphasis or the ~~Vision~~ **Visual** Impairments emphasis are required to meet the Illinois licensure requirements including 29-41 semester hours of general education classes which must include at least three semester hours of cultural diversity course work. Transfer students with an A.A. or A.S. degree also must meet these requirements for educator licensure. **Some districts where candidates are placed for clinicals or student teaching may require a TB test.** Candidates who successfully complete the program requirements and pass the state mandated Teacher Performance Assessment (**edTPA**) **during student teaching** will have completed all required ISBE and CAEP standards for receiving university recommendation for licensure and special education endorsement in Visual Impairments or Learning Behavior Specialist I. ~~This includes completing the Safety Tutorial prior to the first early clinical course, passing the Learning Behavior Specialist I content test or Teacher of Student Who Are Blind or Visually Impaired content test and the Special Education General Curriculum Test prior to student teaching, (The Teacher Performance Assessment (edTPA) and the Illinois Assessment of Professional Teaching test (APT) that are completed during student teaching.~~ Successful completion of the program without receipt of a passing score on the state mandated **Teacher edTPA Performance Assessment** may result in the candidate receiving a degree without university recommendation for licensure.

↓

**Emphasis 1. Learning Behavior Specialist I**

This emphasis **Emphasis 1** prepares candidates for Illinois educator licensure with endorsement as a Learning Behavior Specialist I (Pre-~~K~~ school-age 21).

Candidates in the ... 491, and SESE 492).

Candidates must pass all ... student teaching course.

The LBS I endorsement is a ... suburban settings.

↓

**Emphasis 2: ~~Vision~~ **Visual** Impairments**

Emphasis 2 prepares candidates for Illinois educator licensure with endorsement in the area of Teacher of Students Who Are Blind and Visually Impaired (Pre-~~K~~ school to age 21).

Candidates in the ~~Vision~~ **Visual** Impairments program emphasis must ... must retake the course(s).

↓

**Requirements in Department (65)**

↓

SEVI 480 - Field Experience in Special Education: **Visual Impairments** (3)

SEVI 484 - Student Teaching in Elementary Special Education: ~~Vision~~ **Visual** Impairments (6)

SEVI 485 - Student Teaching in Secondary Special Education: ~~Vision~~ **Visual** Impairments (6)

↓

**Total Hours for Emphasis 2, ~~Vision~~ **Visual** Impairments: 94-96**

↓

**Course List**

↓

~~Vision~~ **Visual Impairments (SEVI)**

Other Catalog Change

Page 150, 2017-18 Undergraduate Catalog

**Certificates of Undergraduate Study**

**Inclusive Teaching Practices (15)**

This certificate is designed to prepare teacher candidates with knowledge and skills related to children with disabilities included in school settings. This certificate is appropriate for NIU students pursuing educator licensure in an area other than special education. Course work in this program focuses on the impact of disabilities on children in school settings and ways to facilitate their learning. All course requirements for this certificate must be completed at NIU within three calendar years. Students pursuing this certificate must file a formal application with the undergraduate adviser in the Department of Special and Early Education and must complete all certificate requirements before the certificate is listed on the transcript. This certificate does not fulfill requirements for special education endorsement. Teacher candidates who want to earn the Special Education endorsement should contact their adviser for further information.

**Requirements (15)**

SESE 240 - Introduction to Special Education (3)

SESE 260 - Observation of Individuals with Disabilities in Community and/or School Settings (1)

SESE 417 - Positive Behavior Support and Classroom Management for Special Educators (3)

SESE 456 - Methods for Collaboration and Inclusion for Elementary Education Teachers (3),

OR SESE 457 - Methods for Including Middle and Secondary Students with Exceptionalities in the General Education Classroom (3)

SESE 490 - Workshop in Special Education (2)

SEVI 205 - The Blindness Experience (3),

OR FLSL 101 - Beginning American Sign Language (3),

OR ARTE 479 - Art for Special Needs Populations (3)

**Young Children with Disabilities Studies (15)**

This certificate is designed to prepare students with a set of courses focused on assessment and instruction of young children with disabilities. Students completing this certificate will acquire the skills and techniques for assessing the communication, social, and cognitive skills of young children and providing appropriate supports to children and families. The certificate of undergraduate study in young children with disability studies is open to all students admitted to Northern Illinois University. All course requirements for this certificate must be completed at NIU within three calendar years. Students who want to pursue this certificate must receive approval and advisement from advisers in the Department of Special and Early Education. All course requirements for this certificate must be completed at NIU. Teacher candidates who want to earn the Early Childhood Special Education approval should contact their adviser for further information.

**Requirements (15)**

SESE 240 - Introduction to Special Education (3)

SESE 423 - Observation and Assessment in Early Childhood Special Education (3)

SESE 424 - Methods and Strategies for Promoting Development and Teaching Infants, Toddlers,

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 30 of 86

and Young Children with Disabilities and Special Needs (3)  
SESE 426 - Working with and Supporting Families of Young Children with Disabilities and  
Special Needs (3)  
LTLA 305 - Language Development (3),  
OR COMD 220 - Introduction to Communicative Disorders (3)

**COLLEGE OF ENGINEERING AND ENGINEERING TECHNOLOGY**

**Department of Electrical Engineering**

**All University Section**

**A Guide to Reading this Catalog**

Other Catalog Change Page 7, 2017-18 Undergraduate Catalog

**Course Designators**

↓

BKST—Black Studies

**BME-Biomedical Engineering**

CAHA-Adult and Higher Education

↓

**University Graduation Requirements**

Other Catalog Change Pages 31-34, Undergraduate Catalog

**Writing Infused Course List**

↓

~~ECON 492. RESEARCH METHODS IN ECONOMICS (3). ....~~

~~ELE 491. ELECTRICAL ENGINEERING DESIGN PROPOSAL (1). Discussion ... department.~~

~~ELE 492. ELECTRICAL ENGINEERING DESIGN PROJECT (3). Students ... major.~~

~~ENGL 300. ADVANCED ESSAY COMPOSITION (3). ....~~

↓

**Department Section**

Course Deletions Pages 160, 162, 2017-18 Undergraduate Catalog

**NOTE: THE THREE DELETIONS BELOW WILL BE EFFECTIVE WITH THE 2020-2021**

**UNDERGRADUATE CATALOG.**

ELE 429. BIOMEDICAL ENGINEERING DESIGN PROJECT (3).  
ELE 491. ELECTRICAL ENGINEERING DESIGN PROPOSAL (1).  
ELE 492. ELECTRICAL ENGINEERING DESIGN PROJECT (3).

New Courses

2017-18 Undergraduate Catalog

CIP CODE: 14.0501

BME 201. INTRODUCTION TO BIOMEDICAL ENGINEERING (3). Survey of engineering applications in medical sciences. The art and science of medicine and the process of medical diagnosis and treatment. Diagnostic instrumentation and measurements including medical imaging. Introduction to bioelectric phenomenon, biomechanics, biomaterials, biochemical engineering, computers in medicine, and biotechnology. PRQ: BIOS 208, BIOS 210, and ELE 210.

BME 320. BIOMEDICAL ENGINEERING MEASUREMENTS (4). Lecture and laboratory that covers fundamentals of biomedical measurement and patient safety. Measurements of physical quantities by means of electronic instruments, mechanical devices and biochemical processes. Analysis of measurement systems using mathematical models. Methods of measuring signals in the presence of noise. Use of computers in measurement systems. PRQ: BME 201 and ELE 315.

BME 330. BIOMECHANICS (3). Mechanics of deformable bodies with an emphasis on biological and physiological systems. Concepts of stress and strain, axial loading, torsion, bending, and deflection. Specific applications to mechanical properties of bone and cartilage, muscle forces and mechanics, and other biological solids. PRQ: BME 201 and MEE 209.

BME 336. BIOMATERIALS (3). Properties of materials, protein/cell/tissue biology, metals/ceramics/polymers and composites as biomaterials, material selection and structure-function relationship pertinent to biomedical applications, tissue-biomaterial interaction, FDA regulation, processing of biomaterials through conventional and additive manufacturing methods. PRQ: CHEM 210 and CHEM 212; or consent of department.

BME 420. BIOMEDICAL INSTRUMENTATION DESIGN (4). Design and application of electrodes, bio-potential amplifiers, biosensor applications, therapeutic devices. Medical imaging. Electrical safety. Measurement of ventilation, blood pressure and flow. Three hours lecture per week, and 10 laboratory sessions (3 hours each). Not available for credit to students with credit in ELE 420. PRQ: BME 320 or ELE 330.

BME 421. BIOMEDICAL SENSOR ENGINEERING (3). Theory, analysis, and design of biomedical sensors. Topics include biological components; immobilization of biological components; medical, biological, and chemical sensors; and transducers based on electrochemistry, optics, and solid state devices. Not available for credit to students with credit in ELE 421. PRQ: BME 320 or ELE 330 or ELE 335.

BME 425. BIOMEDICAL SIGNAL PROCESSING (3). Modeling of biomedical signals and analysis of

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 32 of 86

biomedical systems using both time-domain and frequency-domain techniques. Statistical description of signals in biomedical areas. Design of linear and nonlinear filters for biomedical applications and medical imaging. Practical applications in cardiac and neurological signal processing. Not available for credit to students with credit in ELE 425 or ELE 451. PRQ: ELE 315; and either ISYE 335 or STAT 350.

BME 435. BIOTRANSPORT (3). Understanding the movement of mass, momentum, and energy transport in living systems. Fundamental theory and governing equations will be introduced. Topics include diffusion, convection, reaction, cellular mechanics, fluid solid coupling, drug delivery, etc. PRQ: BME 330 and MEE 340.

BME 436. ADVANCED BIOMATERIALS AND MANUFACTURING (3). Biomaterials (metallic, bioceramics, biopolymers and biocomposites), characterization of biomaterials, processing and manufacturing, design and application, interaction between the host tissue and biomaterial, physical, mechanical, and biological properties of biomaterials, drug delivery, *in vitro* and *in vivo* examination, FDA regulation. PRQ: BME 336.

BME 437. BIOMATERIALS CHARACTERIZATION (3). Importance of characterization of physical, mechanical, chemical, and biological properties of materials; standards in properties of materials. PRQ: BME 336.

BME 495. SENIOR BIOMEDICAL ENGINEERING DESIGN I (3). Complete preparation of an engineering system design or project covering problem identification, conceptual design and analysis, prototyping, and the development of a work schedule required to carry out the project. Includes methodology, standards and safety codes, professional ethics, decision making, design evaluations, and oral and written communication. A writing-intensive course. Offered in the fall. Students are expected to take BME 496 the following spring. PRQ: Consent of department.

BME 496. SENIOR BIOMEDICAL ENGINEERING DESIGN II (3). Execution of capstone design project under direct supervision of the instructor or other subject-matter expert. Students further refine and complete design solution to the engineering design problem proposed during BME 495 Senior Biomedical Engineering Design I. Students further refine and incorporate engineering design concepts, including safety and cost effectiveness, as well as employ analytical and computer tools. Team project required. A writing-infused course. The course is offered in the spring. Students are required to take BME 495 the previous fall. PRQ: BME 495.

BME 497. INDEPENDENT STUDY (1-3). Independent pursuit of problems in biomedical engineering under faculty supervision. Written report required. May be repeated to a maximum of 3 semester hours. PRQ: Consent of department.

BME 498. SPECIAL TOPICS (1-3). Advanced topics in biomedical engineering. May be repeated to a maximum of 3 semester hours. PRQ: Consent of department.

- A. Bio-Nano photonics
- B. Biomaterials
- C. Advanced Prosthetics
- D. Biomedical Signal Processing



BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 33 of 86

- E. Computational Biophysics
- G. Biosensing
- J. Biomedical Transport
- K. Biomedical Imaging

BME 499. HONORS UNDERGRADUATE RESEARCH (1-3). Pursuit of an undergraduate research topic in biomedical engineering under faculty supervision. Written report required. May be repeated to a maximum of 3 semester hours over two or three semesters. PRQ: Consent of department.

New Course: p. 162, 2017-18 Undergraduate Catalog

CIP CODE: 14.1001

ELE 495. SENIOR ELECTRICAL ENGINEERING DESIGN I (3). Complete preparation of an engineering system design or project covering problem identification, conceptual design and analysis, prototyping and the development of a work schedule required to carry out the project. Includes methodology, standards and safety codes, professional ethics, decision making, design evaluations, and oral and written communication. A writing-intensive course. Offered in the fall. Students are expected to take ELE 496 the following spring. PRQ: Consent of department.

ELE 496. SENIOR ELECTRICAL ENGINEERING DESIGN II (3). Execution of capstone design project under direct supervision of the instructor or other subject-matter expert. Further refinement and completion of design solution to the engineering design problem proposed during ELE 495, Senior Electrical Engineering Design I. Further refinement and incorporation of engineering design concepts, including safety and cost effectiveness, as well as employ analytical and computer tools. Team project required. A writing-infused course. Offered in the spring. Students are expected to take ELE 495 the previous fall. PRQ: ELE 495.

Course Revisions

p. 160 of 2017-18 Undergraduate Catalog

ELE 380. CONTROL SYSTEMS I (4). Control system ... design process. PRQ: ELE 315; and either ELE 330 or BME 320.

ELE 420. BIOMEDICAL INSTRUMENTATION DESIGN (4). Design and ... sessions (3 hours each). Not available for credit to students with credit in BME 420. PRQ: ELE 330 or BME 320.

ELE 421. BIOMEDICAL SENSOR ENGINEERING (3). Theory, analysis, ... state devices. Not available for credit to students with credit in BME 421. PRQ: ELE 330 or ELE 335 or BME 320 or MEE 399.

ELE 425. BIOMEDICAL SIGNAL PROCESSING (3). Modeling of biomedical ... signal processing. Not available for credit to students with credit in ELE 451 or BME 425. PRQ: ELE 315.

ELE 451. DIGITAL FILTER DESIGN (3). Difference equations, ... design. Practical examples and computer simulations. Not available for credit to students with credit in BME 425. PRQ: ELE 315.

**Department of Industrial and Systems Engineering**

Other Catalog Change                      2017-18 Undergraduate Catalog

**Emphasis 2. Manufacturing Systems**

↓

**Technical Courses (15)**

↓

OR TECH 311 - ~~Computer Aided Modeling~~ **Advanced Computer-Aided** Design (3)

↓

**Department of Mechanical Engineering**

New Course:                      2017-2018 Undergraduate Catalog

CIP CODE: 14.4201

MCTR 210. PROGRAMMING FOR MECHATRONICS (3). Computer programming, focused on mechatronics applications. Object-oriented programming, analog-digital conversion, signal generation, elementary filtering algorithms, multi-threading, communication protocols, data logging and visualization. Development of microcontroller and single-board computer-based devices that interface with sensors, actuators, and the Internet. PRQ: CSCI 240. CRQ: ELE 210.

MCTR 320. FUNDAMENTALS OF MECHATRONICS (3). Basic knowledge and background for mechatronics systems, sensors and actuators, architecture and programming of microcontrollers, input/output interfacing, electric circuits and components, digital circuits, communication, data acquisition and measurement, basic concept of control, and case studies of mechatronics systems. PRQ: MCTR 210.

MCTR 420. INTRODUCTION TO ROBOTICS AND AUTOMATION (3). Configuration, dynamics, actuation, sensing, and perception in different types of robots including manipulators and wheeled robots. Intelligent manufacturing and teleoperation. Human factors in automation. PRQ: MCTR 320. CRQ: MEE 322 OR ELE 380.

MCTR 421. HUMAN MACHINE INTERACTION PRINCIPLES AND DESIGN (3). Design principles in Human-Computer interaction, Human-Robot interaction, Humanoid robots and exoskeleton control. PRQ: MCTR 420.

MCTR 422. SERVO DRIVES (3). Study of electric drives used in servo systems. Development of electric motor models through an understanding of electromagnetic systems. Discussion of power electronic circuits used in motor drives. Analysis and control of motor drive systems typically used in servo applications. PRQ: ELE 315 and ELE 330; and either MEE 209 or MEE 211.

MCTR 430. VISION-BASED CONTROL (3). Computer vision techniques for three-dimensional reconstruction; Camera models; epipolar geometry; camera calibration; visual serving, mobile and manipulator control using

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 35 of 86

vision. PRQ: MCTR 420 and ELE 454.

MCTR 440. DESIGN OF MECHATRONICS SYSTEMS (3). Systems level thinking for mechatronics frameworks and related design methodologies for integration of products and systems. Techniques for enabling mechatronic products and systems to meet requirements for their operation in real-time. Focus on reliability, safety, energy and environmental issues, ethics, and product liability. PRQ: MCTR 420.

MCTR 481. MECHATRONICS ENGINEERING SENIOR DESIGN I (3). Complete preparation of an engineering system design or project covering problem identification, conceptual design and analysis, prototyping and the development of a work schedule required to carry out the project. Includes methodology, standards and safety codes, professional ethics, decision making, design evaluations, and oral and written communication. A writing intensive course. Offered in the fall. Students are expected to take MCTR 482 the following spring. PRQ: MCTR 420. CRQ: MCTR 440.

MCTR 482. MECHATRONICS ENGINEERING SENIOR DESIGN II (3). Execution of capstone design project under direct supervision of the instructor or other subject-matter expert. A writing intensive course. Specific sections of the course are offered to students pursuing an emphasis in mechanical engineering. Offered in the spring. Students are expected to take MCTR 481 the previous fall. PRQ: MCTR 481.

New Course: 2017-18 Undergraduate Catalog

CIP CODE: 14.1901

MEE 383. ENGINEERING ANALYSIS (3). Concepts from linear algebra and differential equations applied to a broad set of engineering analysis problems. Use of computational tools to analyze such problems. Communication of analysis results. PRQ: MATH 336.

MEE 485. SENIOR MECHANICAL ENGINEERING DESIGN I (3). Complete preparation of an engineering system design or project covering problem identification, conceptual design and analysis, prototyping and the development of a work schedule required to carry out the project. Includes methodology, standards and safety codes, professional ethics, decision making, design evaluations, and oral and written communication. A writing-intensive course. Offered in the fall. Students are expected to take MEE 486 the following spring. PRQ: MEE 320, MEE 321, and MEE 340. CRQ: MEE 470.

Course Revision: 2017-18 Undergraduate Catalog

MEE 482~~6~~<sup>5</sup>. SENIOR MECHANICAL ENGINEERING DESIGN II PROJECT (3). Special Execution of capstone design project under individual direct supervision of the instructor or other subject-matter expert. A writing-intensive course. Specific sections of the course are offered to students pursuing an emphasis in mechanical engineering. Offered in the spring. Students are expected to take MEE 485 the previous fall. PRQ: MEE 484~~5~~<sup>5</sup>.

C. Emphasis in Advanced Computing and Simulation

E. Emphasis in Sustainable Energy

M. Emphasis in Mechatronics and Robotics

Other Catalog Change                      2017-18 Undergraduate Catalog

**Major in Mechanical Engineering (B.S.)**

**Requirements in Department (656 – 667)**

↓

MEE 380 - Computational Methods in Engineering Design (3), OR  
MEE 381 - Computational Methods and Programming in Engineering Design (3)

**MEE 383 - Engineering Analysis (3)**

MEE 390 - Experimental Methods in Mechanical Engineering I (3)

MEE 430 - Computer-Aided Design and Manufacturing (3)

~~MEE 452 - Design of Thermal Systems (3)~~

MEE 470 - Design of Machine Elements (3)

~~MEE 481 - Engineering Design Seminar (1)~~

~~MEE 482 - Senior Mechanical Engineering Design Project (3)~~

**MEE 485 - Senior Mechanical Engineering Design I (3)**

**MEE 486 - Senior Mechanical Engineering Design II (3)**

~~MEE 494 - Mechanical Engineering Competency (1)~~

↓

Group-A: Design-oriented electives

↓

MEE 451 - Refrigeration and Air Conditioning (3)

**MEE 452 - Design of Thermal Systems (3)**

MEE 453 - Propulsion (3)

↓

**Requirements outside Department (4239)**

↓

ISYE 220 – Engineering Economy (3)

~~ISYE 335 – Probability and Statistics for Engineers (3)~~

——— OR STAT 350 – Introduction to Probability and Statistics (3)

MATH 229 – Calculus I (4)

↓

**Emphasis 1. Advanced Computing and Simulation**

**Requirements in Department (656 – 667)**

↓

MEE 482 **486C** - Senior Mechanical Engineering Design Project **II**: Emphasis in Advanced Computing and Simulation (3)

↓

**Emphasis 2. Mechatronics and Robotics**

**Requirements in Department (656 – 667)**

↓

MEE 482 **486M** - Senior Mechanical Engineering Design Project **II**: Emphasis in Mechatronics and Robotics (3)

↓

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 37 of 86

MEE 427 - PLC-Based Robotics in Automated Systems (3)

MEE 428 - Modeling Complex Systems (3)

↓

**Emphasis 3. Sustainable Energy**

**Requirements in Department (656 – 667)**

↓

MEE 482 486E - Senior Mechanical Engineering Design Project II: Emphasis in Sustainable Energy (3)

↓

MEE 451 - Refrigeration and Air Conditioning (3)

MEE 452 - Design of Thermal Systems (3)

MEE 453 - Propulsion (3)

↓

**Department of Technology**

**All University Section**

**Inter-College and Interdisciplinary Certificates and Programs**

Other Catalog Change                      2017-18 Undergraduate Catalog

**Homeland Security (18-21)**

↓

Core Courses (7)

↓

UNIV 310X – Foundations in Homeland Security and Disaster Preparedness (3),  
OR TECH 432 - Disaster Preparedness (3)

↓

**Inter-College and University-Wide Interdisciplinary Courses**

Course Revision:                      Page 399, 2017-18 Undergraduate Catalog

UNIV 310X. FOUNDATIONS IN HOMELAND SECURITY AND DISASTER PREPAREDNESS (3)  
*Crosslisted as TECH 432.* Introduction to ....

**Department Section**

Course Deletions:                      Page 179, 2017-18 Undergraduate Catalog

378. COMMUNICATION SYSTEM DESIGN I (3)

378A. COMMUNICATION SYSTEM DESIGN LABORATORY (1)

470. FIBER OPTICS COMMUNICATIONS (3)

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog

p. 38 of 86

Course Revisions: Page 177, 2017-18 Undergraduate Catalog

231. SAFETY PROGRAMS (3) Review and application of contemporary approaches to recognition, evaluation, and control of workplace hazards. Use and limitations of federal safety standards, and their relationship to occupational safety and health programs. Study of equipment, processes, materials, material handling equipment, chemicals, fire systems, and the work environment related to occupational settings.

277. DIGITAL LOGIC DESIGN (3) Design of ... transfer language. PRQ: Either PHYS 211 or both TECH 175 with a grade of C or better and TECH 175A. CRQ: TECH 277A.

311. ~~COMPUTER-AIDED MODELING~~ ADVANCED COMPUTER-AIDED DESIGN (3). ....

314. TOOL AND DIE DESIGN (3). Role of ..., and gauges. PRQ: MATH 155, TECH 211 and TECH 265.

362. NUMERICAL CONTROL SYSTEMS (3) Principles, techniques, and applications of numerically-controlled machine tools with emphasis on machine-based code/programming using both manual and computer-controlled systems, setup and operations. Laboratory activities required with manual and computerized machine tools. PRQ: TECH 262, and either CSCI 215 or CSCI 240 or TECH 295, or consent of department.

377. MICROCONTROLLERS AND INTERFACING (3). ... .. PRQ: TECH 277. ~~CRQ: TECH 377A.~~

423. AUTOMATED MANUFACTURING SYSTEMS (3) Study of ... technology. PRQ: TECH 325, TECH 326, and TECH 420, and ~~TECH 425~~, or consent of department.

430. ~~MICROCONTROLLERS INTERFACING AND APPLICATIONS~~ SYSTEMS AND INTERNET OF THINGS (3). Introduction to Advanced microcontroller-based systems for embedded control applications involving Internet of Things. Topics include microcontroller programming and interfacing, application of microcontrollers in process system control, automation, instrumentation, and communication. PRQ: TECH 377.

432. DISASTER PREPAREDNESS (3). *Crosslisted as UNIV 310X*. Introduction ... these types of events. Enrollment not open to students with credit in UNIV 310X.

436. DESIGN AND ADMINISTRATION OF INDUSTRIAL SAFETY PROGRAMS (3) Analysis and application of current problems and trends in safety management systems. Preparation of topic-specific safety programs and procedures. Development of a business case for implementing changes in safety practices. ~~for the design and supervision of model industrial accident prevention programs.~~ PRQ: TECH 231 or TECH 245, TECH 434, or consent of department.

437. FUNDAMENTALS OF INDUSTRIAL HYGIENE (3) Application of ... and productivity. PRQ: CHEM 110, CHEM 111, TECH 231, TECH 415; or consent of department.

471. DIGITAL AND DATA COMMUNICATION (3) Coverage of ... communications. PRQ: ~~TECH 378~~ TECH 376.

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 39 of 86

477. ENGINEERING TECHNOLOGY SENIOR DESIGN PROJECT I (1) Review and ... preliminary design.  
PRQ: Senior standing; ENGL 308 or MGMT 346; and choose from one of the following sets of courses:  
either TECH 375 and TECH 376 and TECH 377; TECH 378, and TECH 376 or OR TECH 369; and TECH  
342; and TECH 391.

Other Catalog Change                      2017-18 Undergraduate Catalog

**Major in Technology**

↓

**~~Computer-Aided Design~~ Design and Production (24)**

~~TECH 260 - Metal Fabrication Processes (3)~~

TECH 262 - Machine Production Processes (3)

TECH 311 - ~~Computer-Aided Modeling~~ **Advanced Computer-Aided Design (3)**

↓

TECH 365 - Metrology (3)

~~TECH 414 - Computer-Aided Machine Design (3)~~

Two of the following (6)

~~TECH 260 - Metal Fabrication Processes (3)~~

TECH 314 - Tool and Die Design (3)

**TECH 325 - Programmable Electronic Controllers (3)**

TECH 344 - Materials and Processes in the Plastics Industry (3)

TECH 409 - Internship (3)

TECH 417 - Design for Energy Efficient and Green Materials (3)

~~TECH 420 - Computer Integrated Manufacturing (3)~~

~~TECH 427 - Testing Methods, Procedures, and Selection of Sustainable Plastics (3)~~

Other Catalog Change                      2017-18 Undergraduate Catalog

**~~Manufacturing Technology (24-25)~~**

~~TECH 260 - Metal Fabrication Processes (3)~~

↓

~~TECH 427 - Testing Methods, Procedures, and Selection of Sustainable Plastics (3)~~

Other Catalog Change                      2017-18 Undergraduate Catalog

**Major in Technology (B.S.)**

**Emphasis 1. Electrical Engineering Technology**

**Requirements in Department (~~76-77~~ **74-75**)**

↓

TECH 302- Graphic Presentation and Communication (3),

OR ^ENGL 308 - Technical Writing (3),

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog

p. 40 of 86

OR ^MGMT 346 - Business Communications (3)

**TECH 325 - Programmable Electronic Controllers (3)**

TECH 375 - Control Systems (3)

↓

TECH 377 - Microcontrollers and Interfacing (3)

~~TECH 377A - Microcontrollers and Interfacing Laboratory (1)~~

~~TECH 378 - Communication System Design I (3)~~

~~TECH 378A - Communication System Design Laboratory (1)~~

TECH 379 - Electric Machines and Transformers (3)

TECH 379A - Electric Machines and Transformers Laboratory (1)

**TECH 407 - Maintenance Management Technology (3)**

^TECH 477 - Engineering Technology Senior Design Project I (1)

^TECH 478 - Engineering Technology Senior Design Project II (3)

Select ~~three~~ **four** of the following (9 ~~12-13~~)

**TECH 295 - Manufacturing Computer Applications (3),**

OR CSCI 215 - Visual Basic (4)

**TECH 305 - Green Technologies (3)**

TECH 391 - Industrial Quality Control (3)

TECH 393 - Structure and Properties of Materials (3)

**TECH 409 - Internship (3)**

TECH 415 - Applied Industrial Experimental Analysis (3)

TECH 417 - Design for Energy Efficiency and Green Materials (3)

**TECH 419 - Energy Auditing (3)**

~~TECH 420 - Computer Integrated Manufacturing (3)~~

**^TECH 434 - Human Factors in Industrial Accident Prevention (3)**

TECH 443 - Engineering Economy (3)

TECH 444 - Production Control Systems (3)

**TECH 445 - Industrial Energy Utilization and Environmental Impacts (3)**

TECH 492 - Manufacturing Distribution Applications (3)

Select three of the following (9)

**TECH 425 - Advanced Programmable Electronic Controllers (3)**

TECH 426 - Electric Systems for Alternative Energy (3)

TECH 430 - Microcontrollers Interfacing and Applications **Systems and Internet of Things (3)**

~~TECH 470 - Fiber Optics Communications (3)~~

TECH 471 - Digital and Data Communication (3)

↓

TECH 479 - Special Topics in Engineering Technology (3)

Select two of the following (6-7)

~~TECH 409 - Internship (3)~~

~~TECH 419 - Energy Auditing (3)~~

~~TECH 425 - Programmable Electronic Controllers (3)~~

~~TECH 445 - Industrial Energy Utilization and Environmental Impacts (3)~~

~~TECH 481 - Ergonomics (3)~~

↓



**Total Hours for Emphasis 1, Electrical Engineering Technology: ~~99-101~~ 100-102**

**Emphasis 2. Manufacturing Engineering Technology**

**Requirements in Department (78-79)**

↓

TECH 302- Graphic Presentation and Communication (3),  
OR ENGL 308 - Technical Writing (3),  
OR MGMT 346 - Business Communications (3)

TECH 311 - ~~Computer-Aided Modeling~~ **Advanced Computer-Aided Design (3)**

**TECH 325 - Programmable Electronic Controllers (3)**

TECH 326 - Fluid Power Technology (3)

↓

TECH 415 - Applied Industrial Experimental Analysis (3)

~~TECH 420 - Computer-Integrated Manufacturing (3)~~

TECH 423 - Automated Manufacturing Systems (3)

TECH 425 - **Advanced** Programmable Electronic Controllers (3)

TECH 443 - Engineering Economy (3)

**TECH 462 - CNC Production Programming (3)**

TECH 477 - Engineering Technology Senior Design Project I (1)

↓

~~Three~~ **Two** of the following (~~9~~ **6**)

↓

TECH 406 - Facilities Management Technology (3)

**TECH 407 - Maintenance Management Technology (3)**

TECH 409 - Internship (3)

**TECH 419 - Energy Auditing (3)**

TECH 429 - Plant Location, Layout, and Materials Handling (3)

↓

TECH 444 - Production Control Systems (3)

~~TECH 484 - Energy Management (3)~~

TECH 492 - Manufacturing Distribution Applications (3)

~~^TECH 496 - Industrial Project Management (3)~~

↓

**Total hours for emphasis 2, Manufacturing Engineering Technology: ~~97-99~~ 100-102**

**Emphasis 3. Industrial Management and Technology**

↓

**Requirements in Department (72-77 **75**)**

↓

Two of the following (6)

↓

TECH 407 - Maintenance Management Technology (3)

**TECH 411 - Environmental Sustainability Practices for Industrial Operations (3)**

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 42 of 86

- TECH 419 - Energy Auditing (3)  
↓  
Technology courses chosen with the advice and consent of the departmental adviser (6-8)  
One of the following areas of study (23-26 24)  
↓  
**Electronics Technology (25-26 23-24)**  
TECH 270 - Electrical Fundamentals and Circuit Analysis I (3)  
TECH 270A - Electrical Fundamentals and Circuit Analysis Laboratory I (1)  
~~TECH 276 - Electronics I (3)~~  
~~TECH 276A - Electronics I Laboratory (1)~~  
TECH 277 - Digital Logic Design (3)  
↓  
OR CSCI 240 - Computer Programming in C++ (4)  
**TECH 325 - Programmable Electronic Controllers (3)**  
TECH 377 - Microcontrollers and Interfacing (3)  
~~TECH 377A - Microcontrollers and Interfacing Laboratory (1)~~  
Two of the following (6)  
TECH 409 - Internship (3)  
**TECH 419 - Energy Auditing (3)**  
TECH 425 - **Advanced** Programmable Electronic Controllers (3)  
TECH 426 - Electric Systems Applications for Alternative Energy (3)  
TECH 430 - Microcontrollers ~~Interfacing and Applications~~ **Systems and Internet of Things (3)**  
↓  
**Environmental Safety and Health (24)**  
↓  
Two of the following (6)  
TECH 409 - Internship (3)  
~~TECH 411 - Environmental Sustainability Practices for Industrial Operations (3)~~  
TECH 432 - Disaster Preparedness (3)  
↓  
**Total hours for Emphasis 3, Industrial Technology: 89-95-93**

**Emphasis 4. Energy and Environmental Technology**

**Requirements in Department (61-62)**

- ↓  
TECH 305/ENVS 305X – Green Technologies (3)  
**TECH 325 - Programmable Electronic Controllers (3)**  
TECH 326 - Fluid Power Technology (3)  
TECH 419 - Energy Auditing (3)  
~~TECH 426 - Electric Systems Applications for Alternative Energy (3)~~  
TECH 443 - Engineering Economy (3)

↓  
**Technical Electives (6)**

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 43 of 86

Select two of the following (6):

↓

GEOG 459 - Geographic Information Systems (3)

~~TECH 311 - Computer Aided Modeling (3)~~

TECH 409 - Internship (3)

TECH 415 - Applied Industrial Experimental Analysis (3)

~~TECH 425 - Programmable Electronic Controllers (3)~~

**TECH 426 - Electric Systems Applications for Alternative Energy (3)**

TECH 427 - Testing Methods, Procedures, and Selection of Sustainable Plastics (3)

~~TECH 436 - Design and Administration of Industrial Safety Programs (3)~~

TECH 437 - Fundamentals of Industrial Hygiene (3)

**TECH 441 - Hazard Control in Industrial Operations (3)**

TECH 479 - Special Topics in Engineering Technology (3)

↓

**Total hours for Emphasis 4, Energy and Environment Technology: ~~91-93~~ 94-96**

↓

**COLLEGE OF HEALTH AND HUMAN SCIENCES**

**School of Family and Consumer Sciences**

Course revisions

Pages 196-197, 2017-18 Undergraduate Catalog

FSMD 365X. PRINCIPLES OF RETAILING (3). ... PRQ: MKTG ~~340~~ **295**.

FSMD 470. FASHION MERCHANDISING (3). ... PRQ: FSMD 353, MATH 210 or MATH 211 or MATH 229, and MKTG ~~340~~ **295**.

FSMD 471. ADVANCED BUYING AND SOURCING IN THE FASHION INDUSTRY (3). ... PRQ: FSMD 355 and MKTG ~~340~~ **295** and MGMT 333.

Other catalog change

Pages 193-194, 2017-18 Undergraduate Catalog

**Major in Fashion Merchandising (B.S.)**

↓

**Requirements outside School (34-35)**

↓

MKTG ~~340~~ **295** - Principles of Marketing (3)

↓

Other catalog change

Pages 194-195, 2017-18 Undergraduate Catalog

**Major in Hospitality and Tourism Management (B.S.)**

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 44 of 86

↓  
**Requirements outside School (27-28)**  
↓  
MKTG 340 295 - Principles of Marketing (3)  
↓

**School of Health Studies**

Other catalog change                      Pages 203-204, 2017-18 Undergraduate Catalog

**Major in Public Health (B.S.)**  
↓  
**Emphasis 2. Health Administration**  
↓  
**Requirements outside School (27-32)**  
↓  
MKTG 340 295 - Principles of Marketing (3)  
↓

**School of Health Studies**

**School Section**

Course Revision                      Page 209, 2017-18 Undergraduate Catalog

PHHE 487. PUBLIC HEALTH PRE-~~PRACTICUM~~ **INTERNSHIP** SEMINAR (1). Preparation for field ~~practicum~~ **internship** placements. Ethical and professional conduct, formulation of career goals and ~~practicum~~ **internship** objectives, and formalization of ~~practicum~~ **internship** site arrangements. PRQ: Consent of school.

PHHE 489. ~~PRACTICUM~~ **INTERNSHIP** IN PUBLIC HEALTH (1-6). ....

Other Catalog Change                      Page 201, 2017-18 Undergraduate Catalog

**School of Health Studies (AHLS, HLTH, NUTR, PHHE)**  
↓  
A practicum is required for all students majoring in medical laboratory sciences and **students pursuing the health and wellness area of study of the nutrition, dietetics and wellness program.** ~~An internship is required for all students majoring in public health.~~ Students are advised that they are responsible for their own transportation to and from the practicum **or internship** facilities and all costs associated with these activities.

Other Catalog Change                      Page 203, 2017-18 Undergraduate Catalog

**Major in Public Health (B.S.)**  
↓

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 45 of 86

**Requirements in School (25-28)**

↓

PHHE 487 - Public Health Pre Practicum **Internship** Seminar (1)

PHHE 489 – ~~Practicum~~ **Internship** in Public Health (3-6)

↓

Other Catalog Change

Page 204, 2017-18 Undergraduate Catalog

**Major in Public Health (B.S.)**

↓

**Emphasis 3. Environment and Health**

↓

**Requirements outside School (28-31)**

↓

Two of the following:

↓

GEOG 432 - ~~Geography of~~ **GIS for Public and Environmental** Health (3)

↓

**School of Interdisciplinary Health Professions (HSCI, REHB)**

Other Catalog Change

Page 209, 2017-18 Undergraduate Catalog

**Major in Health Sciences (B.S.)**

↓

**Requirements outside School (15-16)**

ENGL 203 - Rhetoric and Composition II, Researched Writing in the Domains (3),

**OR ENGL 204 - Rhetoric and Composition, Accelerated Researched Writing in the Domains (3)**

HDFS 280 - Human Development, the Family, and Society (3)

↓

**COLLEGE OF LIBERAL ARTS AND SCIENCES**

**All University Section**

**University Graduation Requirements**

Other Catalog Change

Page 48, 2017-18 Undergraduate Catalog

**Human Diversity Requirement Court List**

↓

WGST 332. GROWING UP GIRL (3). Examination of the experience of growing up as ... ..

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 46 of 86

~~WGST 432. FEMIST THEORY (3).~~

WGST 434. LANGUGAE AND GENDER (3). *Crosslisted as ENGL 434X.* Examination of empirical evidence pertaining to ... ..

↓

**College Section**

Course Deletion                      Page 234, 2017-18 Undergraduate Catalog

WGST 432. FEMIST THEORY (3).

New Course                      Page 234, 2017-18 Undergraduate Catalog

CIP: 05.0299

WGST 432. FEMINIST AND QUEER THEORIES (3). Ideas, histories, concepts, and concerns of feminist and queer theories. Identity categories and their historical construction, cultural contexts, significance for contemporary power relations, and meanings for diverse individuals and communities. Intersectional understandings of gender and sexuality as constituted by and constitutive of race, class, ability, and other dimensions of difference, privilege, and disadvantage. PRQ: LGBT 350 or WGST 101 or WGST 201 or WGST 202; or consent of director.

Other Catalog Change              Page 221, 2017-18 Undergraduate Catalog

**Minor in Classical Studies**

**Coordinator: Assistant Chair, Department of Foreign Languages and Literatures**

↓

**Requirements (24)**

↓

FLCL 201 - Intermediate Latin I (3)

AND FLCL 202<sup>1</sup> - Intermediate Latin II (3)

**\*FLCL 271 - Classical Mythology (3)**

~~^HIST 303 - Imperial Rome (3)~~

~~Three classes (9 semester hours) ... nonlanguage area.~~

Three of the following (9)

ENGL 307 - Drama and Conflict (3) (classical focus)

<sup>^</sup>ENGL 337 - Western Literature: Classical and Medieval (3)

~~\*FLCL 271 - Classical Mythology (3)~~

FLCL 481 - Special Topics in Classical Literature and Civilization Credits: 3

FLCL 483 - Directed Readings in Classical Languages Credits: 1-3

~~FLST 381<sup>2</sup> - Special Studies in Language I (1-9)~~

~~Students must take 3 credit hours in this course~~

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 47 of 86

~~FLST 382<sup>2</sup>—Special Studies in Language II (1-9)~~  
~~Students must take 3 credit hours in this course~~  
FLTR 271<sup>2</sup> - Literature in Translation (3)  
HIST 301 - History of Ancient Greece (3)  
HIST 303 - Imperial Rome (3)  
HIST 491A - Special Topics in History: Ancient (3)  
↓

~~Six or more~~ **Nine** semester hours in the minor must be taken at NIU.

Other Catalog Change                      Page 222, 2017-18 Undergraduate Catalog

**Minor in Cognitive Studies**

↓  
~~^ENGL 318 - Dynamics of Our Living~~ **Exploring Human** Language (3)  
↓

Other Catalog Change                      Page 223, 2017-18 Undergraduate Catalog

**Minor in Latino/Latin American Studies**

↓  
Five of the following (15)  
~~ANTH 405—Peoples of Mesoamerica (3)~~  
ANTH 414 - Archaeology of Mesoamerica (3)  
↓

Other Catalog Change                      Page 223, 2017-18 Undergraduate Catalog

**Minor in Latino/Latin American Studies**

↓  
**Requirements (18)**  
↓  
Five of the following (15)  
↓  
FLSP 215 - Spanish Grammar for **Heritage** Spanish Speakers **I** (3)  
FLSP 301 - Advanced Spanish Grammar (3)  
^FLSP 322 - ~~Masterpieces of~~ **Introduction to** Spanish-American Literature (3)  
^FLSP 361 - ~~Introduction to Spanish Cultures~~ **Spain Today** (3)  
^FLSP 362 - ~~Introduction to Spanish American Cultures~~ **Latin-America Today** (3)  
~~FLSP 380—Gender and Hispanic Business Practice (3)~~  
^FLSP 439 - Women Authors in Hispanic Literature (3)  
↓  
^FLSP 461 - ~~Special Topics in Spanish Civilization~~ **Seminar on the Cultures of Spain** (3)  
#^FLSP 462 - ~~Special Topics in Spanish American Civilization~~ **Seminar on the Cultures of Latin**

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 48 of 86

**America** (3)



Six or more semester hours in the minor must be taken at NIU.

Other Catalog Change

Page 224, 2017-18 Undergraduate Catalog

**Minor in Linguistics**



OR ^ENGL 318 - ~~Dynamics of Our Living~~ **Exploring Human** Language (3),



Other Catalog Change

Page 224-225, 2017-18 Undergraduate Catalog

**Minor in Linguistics**

The participating departments are anthropology, communicative disorders, communication, computer science, English, foreign languages and literatures, philosophy, and psychology.



**Additional Courses (9-16)**



~~FLGE 301 - Advanced German Grammar and Composition I~~ **Putting it all Together: Going Beyond the Basics** (3)

FLGE 481 - **Breaking it Down:** The Structure of Modern German (3)



Six or more semester hours in the minor must be taken at NIU.

Other Catalog Change

Page 225, 2017-18 Undergraduate Catalog

**Minor in Professional Communication**



ENGL 304 - Writing **About the Arts** ~~Criticism~~ (3)



Other Catalog Change

Page 226, 2017-18 Undergraduate Catalog

**Minor in Women's and Gender Studies**



**Requirements (18)**

\*\*WGST 101 - Women, Sex, and Gender Today (3)



~~#WGST 432 - Feminist Theory (3)~~

**WGST 432 - Feminist and Queer Theories (3)**

Three of the following (9)





**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 49 of 86

Other Catalog Change Page 228, 2017-18 Undergraduate Catalog

**Certificates of Undergraduate Study**

↓

**Lesbian, Gay, Bisexual, and Transgender Studies (12)**

↓

Three of the following (9)

↓

WGST 430<sup>1</sup> - Special Topics in Women's and Gender Studies (3)

~~#WGST 432 - Feminist Theory (3)~~

**WGST 432 - Feminist and Queer Theories (3)**

Other Catalog Change Page 229, 2017-18 Undergraduate Catalog

**Certificates of Undergraduate Study**

↓

**Women's and Gender Studies**

↓

Two of the following courses in any field, focused on women and/or gender (6)

↓

WGST 430 - Special Topics in Women's and Gender Studies (3)

~~#WTST 432 - Feminist Theory (3)~~

**WGST 432 - Feminist and Queer Theories (3)**

~~#WGST 435 - Gender and the Environment (3)~~

↓

**Department of Anthropology**

**All University Section**

**Other Academic Units**

Other Catalog Change Page 401, 2017-18 Undergraduate Catalog

**Minor in Black Studies**

↓

**Additional Course Work (9)**

Three of the following (9)

~~ANTH 403 - Peoples and Cultures of Africa South of the Sahara (3)~~

ANTH 404 - Peoples and Cultures of the Caribbean (3)

~~ANTH 410 - Archaeology of Africa (3)~~

BKST 202 - Issues Facing African-American Students (3)

↓

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 50 of 86

**Department Section**

Course Deletions

Page 237-240, 2017-18 Undergraduate Catalog

- 303. INDIANS OF NORTH AMERICA (3).
- 312. THE ARCHAEOLOGY OF ANCIENT EGYPT (3).
- 342. FORENSIC ANTHROPOLOGY (3).
- 391. DOMESTICATING THE PLANET (3). *Crosslisted as ENV5 391X.*
- 402. PEOPLES AND CULTURES OF THE PACIFIC ISLANDS (3).
- 403. PEOPLES AND CULTURES OF AFRICA SOUTH OF THE SAHARA (3).
- 405. PEOPLES OF MESOAMERICA (3).
- 410. ARCHAEOLOGY OF AFRICA (3).
- 411. ARCHAEOLOGY OF EUROPE (3).
- 419. ARCHAEOLOGY OF MEDITERRANEAN CIVILIZATIONS (3).
- 442. BIOCULTURAL PERSPECTIVES ON THE HUMAN SKELETON (3).
- 466. HUNTERS-GATHERERS AND THE TRANSITION TO FOOD PRODUCTION (3).
- 470. CHINESE ARCHEOLOGY (3).
- 471. ANCIENT ENVIRONMENTS AND HUMAN TECHNOLOGY (3). *Crosslisted as ENV5 471X.*

New Courses

Page 237, 2017-18 Undergraduate Catalog

CIP: 45.0201

104. ANTHROPOLOGY OF POP CULTURE: MAKING THE FAMILIAR STRANGE (3). Examination of American popular culture as a widely-shared and contested set of beliefs, values, and practices embodied in a variety of topics such as consumerism, sports, race and ethnicity, poverty and social mobility, food systems, sex and sexual orientation, and globalization. All topics are critically examined in a crosscultural and/or cultural evolutionary anthropological context.

410. ENVIRONMENTAL ARCHAEOLOGY (3). Introduction to methods and theories relevant to analysis and interpretation of past human-environment interactions, by examination of historical and current theoretical literature. Emphases on outlining the kind of environmental data that survives in the archeological record (geological, botanical, faunal, chemical), recovery and analytical methods, and inferences made from these data to understand human-environment dynamics. Topical themes include the use of archeological sites as paleoenvironmental archives, plant and animal domestication, human impacts on ancient environments, and cultural collapse/resilience.

411. SETTLEMENT OF THE AMERICAS (3). Introduction to initial human settlement of the western hemisphere. Major themes include: chronology and migration routes of early settlement; important archeological sites in North, Central, and South America, environmental and landscape change, human impacts on environments, theories of human biogeography (migration and colonization), and current methods accelerating the pace of discoveries.

416. HUMAN MIGRATION (3). Examines key events in human development and landscape evolution that

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 51 of 86

led to successful migrations. Compares human migration episodes in different times and places, and discusses questions related to why humans move, environmental constraints and opportunities to human movement, hominid species similarities and differences with respect to inhabited ranges and migration patterns, and the role of evolution and technological development.

New Course Page 237, 2017-18 Undergraduate Catalog

CIP: 45.0301

105. ARCHAEOLOGY MYTHS AND MYSTERIES (3). Examines how archaeologists study the remains of the past to understand prehistoric people and their lifeways. Develops methods for critically evaluating the archaeological records. Explores concepts characterizing science and pseudoscience to develop criteria for distinguishing the two.

Other Catalog Change Page 236, 2017-18 Undergraduate Catalog

**Department of Anthropology (ANTH)**

The Department of Anthropology offers ... high school levels. Students choose one of four emphasis areas that include A) Social Complexity and Inequality, B) Environment and Evolution, C) Language, Culture, and Mind, or D) General Anthropology. The department ... ..

↓

**Major in Anthropology (B.A. or B.S.)**

↓

**Requirements in Department (36-37)**

\*ANTH 210 - Exploring Archaeology (3)

↓

At least one 300- or 400-level course in each of the following categories (12-13)

Archaeology

↓

Physical anthropology

At least two 300- or 400-level courses selected from the following categories (6)

History and theory of anthropology

Special or multidisciplinary

At least 6 additional hours of electives chosen in anthropology in consultation with faculty adviser (6)

Four additional courses, all selected from one of the four emphasis areas. (12)

**(A) Social Complexity and Inequality**

ANTH 301 - American Culture (3)

ANTH 302 - Asian American Cultures (3)

ANTH 304 - Muslim Cultures in Anthropological Perspective (3)

ANTH 310 – The Archaeology of Oceania and Southeast Asia (3)

ANTH 313 - Archaeology Through Fiction (3)

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 52 of 86

ANTH 326X - Survey of World Music (3)  
ANTH 328 - Anthropology of Religion (3)  
ANTH 329 - Anthropology and Contemporary World Problems (3)  
ANTH 331 - Language and Culture (3)  
ANTH 361 - Cross-Cultural Perspectives on Women (3)  
ANTH 363 - Globalization and Corporate Cultures (3)  
ANTH 404 - Peoples and Cultures of the Caribbean (3)  
ANTH 407 - Peoples and Cultures of Insular Southeast Asia (3)  
ANTH 408 - Peoples and Cultures of Mainland Southeast Asia (3)  
ANTH 409 - Cultures and Societies of the Middle East (3)  
ANTH 413 - Illinois Archaeology (3)  
ANTH 414 - Archaeology of Mesoamerica (3)  
ANTH 415 - Archaeology of the American Southwest (3)  
ANTH 417 - Archaeology of South America (3)  
ANTH 421 - Social Organization (3)  
ANTH 422 - Gender in Southeast Asia (3)  
ANTH 424 - Anthropology of Peace and Conflict Resolution (3)  
ANTH 426 - Political Anthropology (3)  
ANTH 427 - Economic Anthropology (3)  
ANTH 429X - International NGOs and Globalization (3)  
ANTH 441 - Sex and Gender in Primates (3)  
ANTH 468 - Anthropology of Gender (3)  
ANTH 469 - Archaeology of Empires (3)

**(B) Environment and Evolution**

ANTH 310 – The Archaeology of Oceania and Southeast Asia (3)  
ANTH 313 - Archaeology Through Fiction (3)  
ANTH 341 - Primatology (3)  
ANTH 343 - Extinction: Where the Wild Things Were (3)  
ANTH 412 - Ancient North America (3)  
ANTH 413 - Illinois Archaeology (3)  
ANTH 414 - Archaeology of Mesoamerica (3)  
ANTH 415 - Archaeology of the American Southwest (3)  
ANTH 416 - Human Migration (3)  
ANTH 417 - Archaeology of South America (3)  
ANTH 423 - Environmental Anthropology of the Middle East: Cultural and Political Ecologies (3)  
ANTH 425 - Environment and Anthropology (3)  
ANTH 432 - Nature and the Environment Across Cultures (3)  
ANTH 440 - Fossil Humans (3)  
ANTH 441 - Sex and Gender in Primates (3)  
ANTH 443 - Human Adaptation and Variation (3)  
ANTH 444 - Primate Ecology and Conservation (3)  
ANTH 445 - Primate Evolution (3)

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 53 of 86

ANTH 447 - Primate Anatomy (3)  
ANTH 454 - Uses and Abuses of Evolutionary Theory (3)  
ANTH 464 - Disasters without Borders (3)

**(C) Language, Culture, and Mind**

ANTH 331 - Language and Culture (3)  
ANTH 421 - Social Organization (3)  
ANTH 425 - Environment and Anthropology (3)  
ANTH 432 - Nature and Environment Across Cultures (3)  
ANTH 433 - Fundamentals of Cognitive Anthropology (3)  
ANTH 435 - Space in Language and Culture (3)  
ANTH 438 - Cultural Models: The Language of Culture (3)  
ANTH 454 - Uses and Abuses of Evolutionary Theory (3)  
ANTH 460 - Methods in Ethnography (3)  
ANTH 467 - Applied Anthropology (3)  
ANTH 468 - Anthropology of Gender (3)  
ILAS 261 - Language, Mind, and Thought (3)

**(D) General Anthropology**

ANTH 301 - American Culture (3)  
ANTH 302 - Asian American Cultures (3)  
ANTH 304 - Muslim Cultures in Anthropological Perspective (3)  
ANTH 313 - Archaeology Through Fiction (3)  
ANTH 326X - Survey of World Music (3)  
ANTH 328 - Anthropology of Religion (3)  
ANTH 329 - Anthropology and Contemporary World Problems (3)  
ANTH 331 - Language and Culture (3)  
ANTH 341 - Primatology (3)  
ANTH 343 - Extinction: Where the Wild Things Were (3)  
ANTH 361 - Cross-Cultural Perspectives on Women (3)  
ANTH 363 - Globalization and Corporate Cultures (3)  
ANTH 404 - Peoples and Cultures of the Caribbean (3)  
ANTH 407 - Peoples and Cultures of Insular Southeast Asia (3)  
ANTH 408 - Peoples and Cultures of Mainland Southeast Asia (3)  
ANTH 409 - Cultures and Societies of the Middle East (3)  
ANTH 412 - Ancient North America (3)  
ANTH 413 - Illinois Archaeology (3)  
ANTH 414 - Archaeology of Mesoamerica (3)  
ANTH 415 - Archaeology of the American Southwest (3)  
ANTH 417 - Archaeology of South America (3)  
ANTH 418 - Applied Archaeology (3)  
ANTH 421 - Social Organization (3)  
ANTH 422 - Gender in Southeast Asia (3)  
ANTH 423 - Environmental Anthropology of the Middle East: Cultural and Political

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 54 of 86

Ecologies (3)  
ANTH 424 - Anthropology of Peace and Conflict Resolution (3)  
ANTH 425 - Environment and Anthropology (3)  
ANTH 426 - Political Anthropology (3)  
ANTH 427 - Economic Anthropology (3)  
ANTH 428 - Ritual and Myth (3)  
ANTH 429X - International NGOs and Globalization (3)  
ANTH 432 - Nature and Environment Across Cultures (3)  
ANTH 433 - Fundamentals of Cognitive Anthropology (3)  
ANTH 435 - Space in Language and Culture (3)  
ANTH 438 - Cultural Models: The Language of Culture (3)  
ANTH 440 - Fossil Humans (3)  
ANTH 441 - Sex and Gender in Primates (3)  
ANTH 443 - Human Adaptation and Variation (3)  
ANTH 444 - Primate Ecology and Conservation (3)  
ANTH 445 - Primate Evolution (3)  
ANTH 446 - The Human Skeleton (3)  
ANTH 447 - Primate Anatomy (3)  
ANTH 450 - Ethics and Research Design in Anthropology (3)  
ANTH 451 - History and Theory of Anthropology (3)  
ANTH 453 - Archaeological Theory (3)  
ANTH 454 - Uses and Abuses of Evolutionary Theory (3)  
ANTH 460 - Methods in Ethnography (3)  
ANTH 461 - Methods in Archaeology (3)  
ANTH 462 - Collections Management (3)  
ANTH 463 - Ethnohistory (3)  
ANTH 464 - Disasters Without Borders (3)  
ANTH 468 - Anthropology of Gender (3)  
ANTH 469 - Archaeology of Empires (3)  
ILAS 261 - Language, Mind, and Thought (3)

**Requirements outside Department (B.A., 9-21; B.S., 19-24)**

**Total Hours for a Major in Anthropology: 45-58 (B.A.) OR 55-61(B.S.)**

**Department of Chemistry and Biochemistry**

Other Catalog Change

Page 249, 2017-18 Undergraduate Catalog

**Major in Chemistry (B.S.)**

↓

**Emphasis 1. Chemistry**

↓

**Recommendations**

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 55 of 86

↓  
FLGE 101 and FLGE 102 - Beginning German I: **Personal World** and Beginning German II: **The German-Speaking World** (6),  
OR FLRU 101 and FLRU 102 - Beginning Russian I and II (6)

↓  
Students should meet with a department adviser to determine the appropriate electives for their program of study.

**Department of Communication**

Course Revisions Page 260, 2017-18 Undergraduate Catalog

COMS 426. ADVANCED DOCUMENTARY FIELD PRODUCTION (3 4). ... ..

COMS 427. ADVANCED NARRATIVE FIELD PRODUCTION (3 4). ... ..

Other Catalog Change Page 256, 2017-18 Undergraduate Catalog

**Major in Communication Studies (B.A. or B.S.)**

↓  
**Emphasis 2. Media Studies**

**Requirements in Department (35-37 40)**

↓  
**Five courses from the following (15-17 20)**

Of these 15-17 20 semester hours, no more than 9 may be at the 300 level. ~~Students should choose additional courses up to the limit of 50 semester hours in the major which will enhance their own program.~~ Profiles of suggested ... cultural studies.

↓  
COMS 392 - Special Topics in Media Production (3). ~~This course can only be taken once.~~

^COMS 419 - Political Communication in America (3)

\*COMS 426 - Advanced Documentary Field Production (3 4)

COMS 427 - Advanced Narrative Field Production (3 4)

↓  
**Total Hours for Emphasis 2, Media Studies: 35-49 54 (B.A.) OR 45-52 57 (B.S.)**

Other catalog change Page 257, 2017-18 Undergraduate Catalog

**Major in Journalism (B.A. or B.S.)**

↓  
**Recommendations**

↓  
MKTG 340 295 - Principles of Marketing (3)

↓

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 56 of 86

Other Catalog Change Page 259, 2017-18 Undergraduate Catalog

**Digital Media Production**

**Requirements in Department (14)**

↓

Course work from the following, with consent of production faculty adviser, as needed to complete a minimum of 14 credit hours.

\*COMS 426 - Advanced Documentary Field Production (3 4)

COMS 427 - Advanced Narrative Field Production (3 4)

**COMS 436 - Advanced Post Production (3)**

COMS 463 - Advanced Studio Production (3)

↓

**Department of Computer Science**

Course Revisions Page 266, 2017-18 Undergraduate Catalog

390. INTERNSHIP (3). Work as an intern **in the computer field** for a minimum of 20 hours per week ~~in an off-campus agency~~. Reading and preparation of a paper ... ..

~~462~~ **401. FOUNDATIONS OF COMPUTER SCIENCE THEORY OF COMPUTATION** (3). Introduction to ~~mathematical languages, automata theory, and the formal languages, theory of recursive functions and computability~~ **theory with an emphasis on how these topics relate to computers and computer programs**. PRQ: MATH 206 or MATH 211 or MATH 229; and CSCI 240.

Other catalog change Page 264, 2017-18 Undergraduate Catalog

**Major in Computer Science (B.S.)**

↓

**Emphasis 2. Enterprise Software**

↓

**Requirements outside Department (18-27)**

↓

MKTG ~~340~~ **295** - Principles of Marketing (3)

↓

Other Catalog Change Page 264, 2017-18 Undergraduate Catalog

**Major in Computer Science (B.S.)**

↓

**Emphasis 3. Computational Software**



BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 57 of 86

**Requirements in Department (45-47)**

↓

CSCI 462 **401** - Foundations of Computer Science **Theory of Computation** (3)

↓

**Department of Economics**

**All University Section**

**University Graduation Requirements**

Other Catalog Change                      Page 34, 2017-18 Undergraduate Catalog

**Writing-Infused Course List**

↓

ECON 492. RESEARCH METHODS IN ECONOMICS (3). Analysis of societal issues in an economic framework; use of library, Internet, and ... .. PRQ: ~~ECON 360 and ECON 361, and consent of department~~  
**Must have completed all other non-elective economics courses for the economics major.**

↓

**Department Section**

Course Deletion                              Page 270, 2017-18 Undergraduate Catalog

393A. MATHEMATICAL ECONOMICS LABORATORY (1).

New Course                                 Page 269, 2017-18 Undergraduate Catalog

CIP: 45.0601

186. INTRODUCTION TO ENVIRONMENTAL ECONOMICS (3). Overview of economic analyses of environmental issues such as pollution and resource management. Introduction to marginal thinking, market-based solutions, and government management. Focus on current issues and applying economics in an interdisciplinary manner to other environmental fields.

Course Revisions                            Page 270, 2017-18 Undergraduate Catalog

393. INTRODUCTION TO MATHEMATICAL METHODS IN ECONOMICS (3). Descriptions of static economic models by ... .. PRQ: MATH 211 or MATH 229; ECON 260 and ECON 261. ~~CRQ: ECON 393A.~~

491. MATHEMATICAL METHODS FOR ECONOMICS (3). Mathematical ... with applications. PRQ: ECON 360, ECON 361, ~~and~~ MATH 229, ~~or~~ **and** consent of department.

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 58 of 86

Other Catalog Change

Page 268, 2017-18 Undergraduate Catalog

**Major in Economics (B.A. or B.S.)**

↓

*For the B.S. Degree*

ECON 390 - Basic Econometrics and Economic Applications (3) ECON 390A - Basic Econometrics Laboratory (1),

~~OR ECON 393 - Introduction to Mathematical Methods in Economics (3)~~

~~AND ECON 393A - Mathematical Economics Laboratory (1)~~

Select from economics courses at the 300 or 400 levels (18)

**Requirements outside Department (B.A., 3-16; B.S., 11-14 15)**

↓

*For the B.S. degree*

↓

One of the following groups (11-14)

~~CSCI 210 - Elementary Programming (4),~~

~~OR CSCI 240 - Computer Programming in C++ (4)~~

\*MATH 210 - Finite Mathematics (3)

\*MATH 211 - Calculus for Business and Social Science (3 4)

STAT 301 - Elementary Statistics (4)

OR

\*MATH 229, and MATH 230 - Calculus I and II (8)

STAT 350 - Introduction to Probability and Statistics (3)

**Total Hours for a Major in Economics: 36-49 (B.A.) OR 44-47 50 (B.S.)**

↓

**Emphasis 1. Financial Economics (B.S. only) (50)**

↓

**Requirements in Department (35-34)**

↓

ECON 393 - Introduction to Mathematical Methods in Economics (3)

~~AND ECON 393A - Mathematical Economics Laboratory (1)~~

ECON 489 - Seminar in Economics Analysis (3)

↓

**Total Hours for Emphasis 1, Financial Economics: 50 49 (B.S. only)**

Other Catalog Change

Page 269, 2017-18 Undergraduate Catalog

**Professional Educator Licensure - Social Sciences: Economics**

↓

**Placement**

The History and Social Sciences Secondary Teacher Education Program cannot guarantee ... ..

**Accelerated B.S./M.A. Program in Economics**

### **Admission**

This program leads to both the B.S. and M.A. in Economics degrees. Students who wish to participate in this program should identify themselves to the Department of Economics as majors who will complete the requirements for the B.S. degree having taken the calculus option (MATHS 229, MATH 230, and STAT 350). Ideally students will express their interest during their junior year and have completed or be in the process of completing ECON 360, ECON 361, and ECON 390.

Students who are interested in this program and have completed or are in the process of completing ECON 360, ECON 361, ECON 390, MATH 230, and STAT 350 should apply to the Economics M.A. program under the special provisions of this program and in consultation with the Director of Graduate Studies in Economics by the end of their junior year. Students must meet all the degree and application requirements and deadlines given by the Graduate School. Students who have completed the courses MATH 229, MATH 230, STAT 350, and ECON 390 with a grade of B or better may request that the GRE requirement for admission to the M.A. program be waived by the Department of Economics.

Students wishing to take part in this program should be aware of all the regulations and restrictions of accelerated baccalaureate/master's degree programs as outlined in the NIU Graduate School Catalog under the heading of Early Admission of NIU Undergraduates; and Admission to Accelerate Baccalaureate/Master's Degree Programs.

### **Curriculum**

Students must complete all general education requirements and MATH 229, MATH 230, STAT 350, ECON 360, ECON 361, and ECON 390 by the end of their junior year. During their senior year, students will take ECON 590 in the fall semester and 9 semester hours from 500-level elective courses spread across the two semesters of their senior year. If additional electives are taken before completion of the B.S. requirements, only 18 credit hours of these courses may be counted toward the elective requirements for the B.S. degree in Economics. Students are encouraged to enroll in ECON 592 to fulfill their capstone requirement and as a stepping stone toward their M.A. research paper, which is necessary to complete the M.A. degree. Upon receiving their undergraduate degree, students will then enroll in ECON 591, ECON 660, and ECON 661 in the fall semester, ECON 690 and ECON 692 in the spring semester, and be allowed to register for 600- and 700-level elective courses. Upon completion of the course and research paper requirements outlined in the Graduate Catalog for the M.A. in Economics Degree program, the students shall earn the M.A. in Economics.

Students who are part of this accelerated B.S./M.A. in Economics program are not bound by the College of Liberal Arts and Sciences policy that prohibits students from earning more than 60 credit hours in their major.

**Department of English**

**All University Section**

**University Graduation Requirements**

Other Catalog Change

**Writing-Infused Course List**

↓  
ENGL 318. ~~DYNAMICS OF OUR LIVING~~ **EXPLORING HUMAN** LANGUAGE (3). Introduction to principles  
... ..  
↓

**Department Section**

Course Revision Page 276, 2017-18 Undergraduate Catalog

**Writing Courses**

304. WRITING **ABOUT THE** ARTS ~~CRITICISM~~ (3). Practice in writing ... ..

305. PRINCIPLES OF **WRITING LITERARY** CRITICISM (3). **Composing essays on literary works based on** Readings in literary theory, **Applying** relationship between literary theories, and critical methods and modes, and principles of evaluation, appreciation, and ~~understanding~~ **interpretation**.

**Language and Linguistics Courses**

318. ~~DYNAMICS OF OUR LIVING~~ **EXPLORING HUMAN** LANGUAGE (3). ... ..

Other Catalog Change Page 272, 2017-18 Undergraduate Catalog

**Major in English (B.A.)**

↓  
**Track 1. English Studies in Literature**

↓  
**Requirements in department (39)**

↓  
^ENGL 318 - ~~Dynamics of Our Living~~ **Exploring Human** Language (3)

↓  
**Track 3. English Studies in Writing**

Students majoring in Studies in Writing ~~are strongly encouraged to~~ **should** balance technical and creative writing classes to assemble a portfolio that demonstrates **to prospective employers** their fullest range of ~~practices in~~ writing practices. ~~Internships are highly recommended for s~~ Students serious about a writing career **should also consult with advisers about internships**. Students will ground their writing in a substantive understanding of language analysis, literary analysis, **literary history**, critical thinking, and the major literary genres. Students may also earn the certificate of undergraduate study in Creative Writing.

If the required 39 credit hours in English are satisfied, additional course work in writing may include the following:

↓

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 61 of 86

^COMS 466 - Narrative Scriptwriting (3)  
~~JOUR 200A – Basic News Writing (3) (print emphasis)~~  
~~JOUR 200B – Basic News Writing (3) (broadcast emphasis)~~  
^JOUR 301 - Article Writing (3)

↓

Students should consult with the English department adviser about selecting courses outside the department.

**Requirements in Department (39 42)**

↓

^ENGL 300A - Advanced Essay Composition: General (3),  
OR ^ENGL 300B - Advanced Essay Composition: Pre-Law (3),  
OR ^ENGL 300C - Advanced Essay Composition: English Licensure in Teaching (3)

**^ENGL 407 - Shakespeare (3)**

Group 1 - Two of the following (6)

↓

^ENGL 303 - Writing Creative Nonfiction (3)  
**^ENGL 304 - Writing about the Arts (3)**  
**^ENGL 305 - Principles of Writing Literary Criticism (3)**  
^ENGL 308 - Technical Writing (3)  
**^\*ENGL 350 - Writing Across the Curriculum (3)**  
^ENGL 398 - Topics in the Practice and Theory of Composition (3-6)  
~~ENGL 403 – Technical Editing (3)~~

Group 2 - Two of the following (6)

~~ENGL 304 – Writing Arts Criticism (3)~~  
~~\*ENGL 350 – Writing Across the Curriculum (3)~~  
~~ENGL 398 – Topics in the Practice and Theory of Composition (3-6)~~  
^ENGL 401 - Writing Poetry II (3)  
^ENGL 402 - Writing Fiction II (3)  
**^ENGL 403 - Technical Editing (3)**  
^ENGL 424 - Topics in Technical Writing (1-3)  
**^ENGL 426 - Digital Writing (3)**  
^ENGL 493 - Writing Creative Nonfiction II (3)  
^ENGL 496 - Internship in Writing, Editing, or Training (3-6)

Group 3 - One of the following (3)

^ENGL 318 - ~~Dynamics of Our Living~~ **Exploring Human** Language (3)  
**ENGL 320 - History of the English Language (3)**  
ENGL 321 - Structure of Modern English (3)

↓

Group 4 - One of the following **in Contemporary Literature** (3)

**ENGL 309 - Popular Genres (3)**  
**^ENGL 333 - American Literature: 1910-1960 (3)**  
**^ENGL 334 - American Literature: 1960-Present (3)**  
^ENGL 374 - The American Short Story (3)  
**ENGL 382 - Women Writers: The Tradition in English (3)**  
**ENGL 383 - Gay and Lesbian Literature (3)**  
^ENGL 384 - Literary Nonfiction (3)

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 62 of 86

- ENGL 471 - The English Novel Since 1900 (3)
- ^ENGL 474 - The International Short Story (3)
- #ENGL 477 - Postcolonial and New Literatures in English (3)
- Group 5 - One of the following in Drama (3)
  - ENGL 307 - Drama and Conflict (3)
  - ^ENGL 363 - Literature and Film (3)
- ↓
- Group 6 - One of the following in Poetry (3)
  - ENGL 311 - Transformative Poetry (3)
  - ^ENGL 377 - American Poetry since 1900 (3)
  - ^ENGL 405 - Early English Literature (3)
  - ^ENGL 406 - Chaucer (3)
  - ^ENGL 409 - Milton (3)
  - ^ENGL 475 - British Poetry since 1900 (3)
- Group 7 - One of the following in British Historical Literature (3)
  - ^ENGL 405 - Early English Literature (3)
  - ^ENGL 408 - The English Renaissance (3)
  - ^ENGL 410 - 17<sup>th</sup> Century English Literature (3)
  - ^ENGL 412 - Restoration and 18<sup>th</sup> Century Literature (3)
  - ^ENGL 413 - The Romantic Period (3)
  - ^ENGL 414 - The Victorian Age (3)
  - ^ENGL 420 - Arthurian Literature (3)
  - ^ENGL 470 - The English Novel to 1900 (3)
- Group 8 - One of the following in American Historical Literature (3)
  - ^ENGL 330 - American Literature to 1830 (3)
  - ^ENGL 331 - American Literature: 1830-1860 (3)
  - ^ENGL 332 - American Literature: 1860-1910 (3)
  - ^ENGL 381A - American Ethnic Literature: Native American Literature (3)
  - ^ENGL 381B - American Ethnic Literature: Latina/o Literature (3)
  - ^ENGL 381C - American Ethnic Literature: African American Literature (3)
  - ^ENGL 381D - American Ethnic Literature: Special Topics (3)

~~Two additional English courses at the 300-400 level (6).~~

**Requirements outside department (0-12)**

Fulfillment of B.A....

**Total hours for a Major in English, Track 3: 39-51 42-54**

Other Catalog Change

Page 275, 2017-18 Undergraduate Catalog

**Creative Writing (12)**

↓  
↓

Two from the following (one course must be in your selected genre, and one must be from outside your selected genre):

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 63 of 86

ENGL 304 - Writing **About the Arts Criticism** (3)  
↓

Other Catalog Change

Page 275, 2016-2017 Undergraduate Catalog

**Course List**

**Writing Courses**

↓

304. WRITING ARTS CRITICISM (3). Practice in writing critical ... ..

**305. PRINCIPLES OF WRITING LITERARY CRITICISM (3). Composing essays on literary works based on readings in literary theory. Applying literary theories, critical methods and modes, principles of evaluation, appreciation, and interpretation.**

308. TECHNICAL WRITING (3). Principles and strategies for planning ... ..

↓

**Literature Courses**

↓

200. LITERARY STUDY: RESEARCH AND CRITICISM (3). Introduction to methods ... ..

~~305. PRINCIPLES OF CRITICISM (3). Readings in literary theory, relationship between literary theory and critical methods and modes, and principles of evaluation, appreciation, and understanding.~~

307. DRAMA AND CONFLICT (3). World drama, from Lysistrata to Angels ... ..

↓

**Environmental Studies**

Course Deletions

Page 285-286, 2017-18 Undergraduate Catalog

391X. DOMESTICATING THE PLANET (3). *Crosslisted as ANTH 391.*

471X. ANCIENT ENVIRONMENTS AND HUMAN TECHNOLOGY (3). *Crosslisted as ANTH 471.*

Other Catalog Change

Page 282, 2017-18 Undergraduate Catalog

**Environmental Studies**

↓

**Emphasis 3. Nature in Society (33-34)**

↓

**Electives (15)**

↓

ANTH 464/NNGO 464X - Disasters without Borders (3)

~~ANTH 466 - Hunters-Gatherers and the Transition to Food Production (3)~~

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 64 of 86

ANTH 491<sup>1</sup> - Current Topics in Anthropology (3)

↓

**Department of Foreign Languages and Literatures**

**All University Section**

**University Graduation Requirements**

Other Catalog Change

Page 37-38, 2017-18 Undergraduate Catalog

**Writing-Infused Course List**

↓

FLGE 302. **READING, WRITING, TRANSLATING** ~~ADVANCED GERMAN COMPOSITION AND TRANSLATION~~ (3). **Enhancing students' understanding of German through exposure to a variety of media with emphasis on** ~~Emphasis on style in the written language in compositions and basic techniques of translation from German to English and English to German.~~ PRQ: FLGE 202.

FLGE 320. GERMAN TEXTS AND MEDIA (3). Emphasis on exposure to a variety of text genres and media, while increasing vocabulary acquisition and developing skills in reading, summarizing, and analyzing **while focusing on the contemporary context.** PRQ: FLGE 202.

FLGE 321. ~~MASTERPIECES OF GERMAN~~ **CULTURAL AND LITERARY TOPICS THROUGH THE CENTURIES** ~~LITERATURE I~~ (3). **Survey of cultural practices in Germany with a focus on literary, artistic, cinematic, and popular works of historical importance.** ~~Study of authors and literary genres from the Middle Ages to the 18th century.~~ PRQ: FLGE 202 or consent of department.

FLGE 322. ~~MASTERPIECES OF~~ **CULTURAL AND LITERARY TOPICS IN** ~~GERMAN-SPEAKING COUNTRIES~~ ~~LITERATURE II~~ (3). **Survey of cultural practices in German-speaking countries with a focus on literary, artistic, cinematic, and popular works of historical importance** ~~Study of authors and literary genres from the 19th century to today.~~ PRQ: FLGE 202 or consent of department.

FLGE 412. PRACTICAL BUSINESS GERMAN (3). German language study oriented toward business practices. **Techniques of spoken and written communication necessary in the German work environment. Extensive practice in the writing of business correspondence and formal presentations.** PRQ: Two 300-level German courses or consent of department.

FLGE 414. GERMAN BUSINESS COMMUNICATION (3).

~~FLGE 432. ENLIGHTENMENT, THROUGH WEIMAR CLASSICISM (3).~~

~~FLGE 433. GERMAN ROMANTICISM (3).~~

~~FLGE 434. GERMAN REALISM AND NATURALISM (3).~~



~~FLGE 435. MODERN GERMAN LITERATURE (3).~~

~~FLGE 437. CONTEMPORARY GERMAN LITERATURE (3).~~

FLGE 461. GERMAN CULTURE **AL STUDIES: READING TEXTS IN CONTEXTS AND CIVILIZATION 800-1832** (3). Focus on the central role that culture plays in fostering and understanding German society through a variety of media such as fiction, film, magazines, blogs, and music. **Social and cultural developments in the German-speaking lands from 800 to 1832.** PRQ: Two 300-level German courses or consent of department.

~~FLGE 462. GERMAN CULTURE AND CIVILIZATION 1832-1945 (3).~~

FLGE 463. *DEUTSCHLAND HEUTE* (3). Critical approach to postwar and contemporary German culture, society, and everyday life ~~from 1945 to the present~~, with emphasis on the developments since the reunification of 1990 **using German media in print and screen.** Analysis of essential texts and the lives of representative Germans. Lectures, discussions, films. PRQ: Two 300-level German courses or consent of department.

FLGE 481. **BREAKING IT DOWN: THE STRUCTURE OF MODERN GERMAN** (3). **Examination of core areas of German linguistic concepts** ~~Survey of Modern German~~ and the use of contemporary linguistic methods to analyze and contrast its major structures and their functions. PRQ: Two 300-level German courses or consent of department.

↓

FLSP 302. **ADVANCED COMPOSITION IN SPANISH** (3).

~~FLSP 320. INTENSIVE READING AND INTRODUCTION TO LITERARY~~ **TEXTUAL AND MEDIA ANALYSIS** (3).

~~FLSP 321. MASTERPIECES OF~~ **INTRODUCTION TO** SPANISH LITERATURE (3).

~~FLSP 322. MASTERPIECES OF~~ **INTRODUCTION TO** SPANISH-AMERICAN LITERATURE (3).

FLSP 361. ~~INTRODUCTION TO SPANISH CULTURES~~ **SPAIN TODAY** (3). Overview of **contemporary** Spanish culture **and its roots** from the medieval period to the present, with emphasis on art, music, cinema, and the diverse customs that constitute Spanish culture. PRQ: FLSP 202 or FLSP 215.

FLSP 362. ~~INTRODUCTION TO SPANISH AMERICAN CULTURES~~ **LATIN AMERICA TODAY** (3). Overview of **contemporary** Spanish **Latin-**American culture **and its roots** from the pre-Hispanic period to the present, with emphasis on art, music, cinema, and the diverse customs that constitute Latin American culture. PRQ: FLSP 202 or FLSP 215.

↓

~~FLSP 461. SPECIAL TOPICS IN SPANISH CIVILIZATION~~ **SEMINAR ON THE CULTURES OF SPAIN** (3). ~~Topics in Spanish culture and civilization~~ **Analysis of a series of documents (literary texts, film, advertisements, newspapers, and magazines among others) in order to understand the basis of the construction**

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 66 of 86

of Spain's historical, political, and cultural identity. PRQ: FLSP 320 or FLSP 361 or FLSP 362; or consent of department.

FLSP 462. ~~SPECIAL TOPICS IN SPANISH AMERICAN CIVILIZATION~~ SEMINAR ON THE CULTURES OF LATIN AMERICA (3). ~~Topics in Spanish American culture and civilization~~ Analysis of scholarly texts, interpretive essays, other primary sources, and a variety of cultural artifacts (such as films, music, art objects, literary texts) in order to explore Latin America's cultural heritage. PRQ: FLSP 320 or FLSP 361 or FLSP 362; or consent of department.

↓

Other Catalog Change

Page 45, 2017-18 Undergraduate Catalog

**University Graduation Requirements**

↓

**Human Diversity Requirement Course List**

↓

^FLSP 462. ~~SPECIAL TOPICS IN SPANISH AMERICAN CIVILIZATION~~ SEMINAR ON THE CULTURES OF LATIN AMERICA (3).

↓

**Department Section**

Course Deletions

Page 293, 2017-18 Undergraduate Catalog

FLSP 380. GENDER AND HISPANIC BUSINESS PRACTICES (3)  
FLGE 103. BEGINNING GERMAN CONVERSATION (1-2).  
FLGE 203. INTERMEDIATE GERMAN CONVERSATION (1-2).  
FLGE 323. SPECIAL TOPICS IN GERMAN LANGUAGE, LITERATURE, OR CULTURE (3).  
FLGE 380. INTRODUCTION TO GERMAN LANGUAGE AND BUSINESS PRACTICES (3).  
FLGE 432. ENLIGHTENMENT, THROUGH WEIMAR CLASSICISM (3).  
FLGE 433. GERMAN ROMANTICISM (3).  
FLGE 434. GERMAN REALISM AND NATURALISM (3).  
FLGE 435. MODERN GERMAN LITERATURE (3).  
FLGE 437. CONTEMPORARY GERMAN LITERATURE (3).  
FLGE 462. GERMAN CULTURE AND CIVILIZATION 1832-1945 (3).

New Courses

Page 295, 2017-18 Undergraduate Catalog

CIP: 16.0501

**German (FLGE)**

FLGE 432. GERMAN LITERARY GENRES (3). An in-depth study of genres such as drama, novel, novella, lyric, and film. Taught in German.

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 67 of 86

FLGE 433. GERMAN CINEMA (3). Overview of German cinema through the analysis of films. Films from a variety of periods of German cinematic history will be screened and discussed. Taught in German.

FLGE 434. POPULAR LITERATURE IN GERMAN-SPEAKING COUNTRIES (3). Reading and analysis of popular German texts, covering a variety of *Textsorten*. Taught in German.

FLGE 435. AUTOBIOGRAPHIES (3). Explorations of different sets of autobiographical forms. Taking inspiration from the readings, autobiographies will be created in German.

FLGE 437. AUTHORS IN CONTEXT (3). Study of authors within their historical, political, and cultural contexts. Taught in German. May be repeated to a maximum of 6 semester hours.

New Course

Page 298, 2017-18 Undergraduate Catalog

CIP: 16.9999

**General**

FLAL 300. INTRODUCTION TO WORLD LANGUAGES AND CULTURES (1). A general introduction to the study of language and culture and includes an overview of world languages, literatures, and cultures and their manifestation in our society including the study of language diversity and the personal, social and political effects of language diversity. In addition, students will learn how to use library resources for general academic research.

Course Revisions

Page 292-293, 2017-18 Undergraduate Catalog

FLIT 311. ~~ADVANCED~~ **SPOKEN ITALIAN IN A CULTURAL CONTEXT** CONVERSATION (3).  
Practical training ... ..

FLSP 215. SPANISH ~~GRAMMAR FOR SPANISH~~ **HERITAGE SPEAKERS I** (3). For native speakers ...  
.... Attention also given to conventions of orthography, **with emphasis on the use of written accents**. Taught in Spanish. Not available to persons with prior credit in FLSP 202 ~~or FLSP 301~~. May be used to satisfy the foreign language requirement for the B.A. degree. PRQ: Consent of department.

FLSP 320. ~~INTENSIVE READING AND INTRODUCTION TO LITERARY~~ **TEXTUAL AND MEDIA ANALYSIS** (3). Introduction to the principles of literary ... ..

FLSP 321. ~~MASTERPIECES OF~~ **INTRODUCTION TO** SPANISH LITERATURE (3). ....

FLSP 322. ~~MASTERPIECES OF~~ **INTRODUCTION TO** SPANISH-AMERICAN LITERATURE (3).  
Introduction to literary analysis ... ..

FLSP 361. ~~INTRODUCTION TO SPANISH CULTURES~~ **SPAIN TODAY** (3). Overview of **contemporary** Spanish culture **and its roots** from the medieval period to the ... ..

FLSP 362. ~~INTRODUCTION TO SPANISH AMERICAN CULTURES~~ **LATIN AMERICA TODAY** (3). Overview of **contemporary Spanish Latin-American culture and its roots** from the pre-Hispanic period ... ..

FLSP 461. ~~SPECIAL TOPICS IN SPANISH CIVILIZATION~~ **SEMINAR ON THE CULTURES OF SPAIN** (3). ~~Topics in Spanish culture and civilization~~ **Analysis of a series of documents (literary texts, film, advertisements, newspapers, and magazines among others) in order to understand the basis of the construction of Spain's historical, political, and cultural identity.** PRQ: FLSP 320 or FLSP 361 or FLSP 362; or consent of department.

FLSP 462. ~~SPECIAL TOPICS IN SPANISH AMERICAN CIVILIZATION~~ **SEMINAR ON THE CULTURES OF LATIN AMERICA** (3). ~~Topics in Spanish American culture and civilization~~ **Analysis of scholarly texts, interpretive essays, other primary sources, and a variety of cultural artifacts (such as films, music, art objects, literary texts) in order to explore Latin America's cultural heritage.** PRQ: FLSP 320 or FLSP 361 or FLSP 362; or consent of department.

FLGE 101. BEGINNING GERMAN I: **PERSONAL WORLD** (3). Fundamentals of grammar, composition, and conversation. Intended for students with less than one year of high school German. **Thematic focus on themes around personal world.**

FLGE 102. BEGINNING GERMAN II: **THE GERMAN-SPEAKING WORLD** (3). Continuation of FLGE 101. **Thematic focus on Austria, Germany, and Switzerland.** PRQ: Generally appropriate ... ..

Course Revision

Page 294, 2017-18 Undergraduate Catalog

FLGE 201. INTERMEDIATE GERMAN I: **TOPICS IN CULTURE** (3). Review of grammar, structure, and syntax. Reading and discussion of a variety of text types, with practice in speaking and writing. **Thematic focus on Swiss, German, and Austrian culture and civilization through a variety of media.** PRQ: Generally appropriate ... ..

FLGE 202. INTERMEDIATE GERMAN II: **THE POSTWAR ERA** (3). Further developing skills in listening, speaking, reading, and writing. **Focus on the German postwar era through texts and films.** ~~Study of German, Swiss, and Austrian culture and civilization through a variety of media.~~ PRQ: Generally appropriate ... ..

FLGE 301. **PUTTING IT ALL TOGETHER: GOING BEYOND THE BASICS** ~~ADVANCED GERMAN GRAMMAR~~ (3). **Expanding upon students' knowledge of German vocabulary and grammar in context.** ~~Theory and practice of grammatical structure and stylistics.~~ Emphasis on points of conflict ... ..

FLGE 302. **READING, WRITING, TRANSLATING** ~~ADVANCED GERMAN COMPOSITION AND TRANSLATION~~ (3). **Enhancing students' understanding of German through exposure to a variety of media with emphasis on** ~~Emphasis on style in the written language in compositions and basic techniques of translation from German to English and English to German.~~ PRQ: FLGE 202.

SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog

p. 69 of 86

FLGE 311. ~~SPOKEN ADVANCED GERMAN IN A CULTURAL CONTEXT CONVERSATION~~ (3). Development of oral skills necessary to converse competently and convincingly on a range of topics, both of an everyday nature (such as sports, weather, gossip, pop culture) and of a more pressing concern (such as social inequality, globalization, global warming). ~~Intensive practical training in conversational skills to achieve fluency of expression.~~ PRQ: FLGE 202 or consent of department.

FLGE 320. GERMAN TEXTS AND MEDIA (3). Emphasis on exposure to a variety of text genres and media, while increasing vocabulary acquisition and developing skills in reading, summarizing, and analyzing while focusing on the contemporary context. PRQ: FLGE 202.

FLGE 321. ~~MASTERPIECES IN GERMAN CULTURAL AND LITERARY TOPICS THROUGH THE CENTURIES LITERATURE I~~ (3). Survey of cultural practices in Germany with a focus on literary, artistic, cinematic, and popular works of historical importance. ~~Study of authors and literary genres from the Middle Ages to the 18th century.~~ PRQ: FLGE 202 or consent of department.

FLGE 322. ~~MASTERPIECES IN CULTURAL AND LITERARY TOPICS IN GERMAN-SPEAKING COUNTRIES LITERATURE II~~ (3). Survey of cultural practices in German-speaking countries with a focus on literary, artistic, cinematic, and popular works of historical importance. ~~Study of authors and literary genres from the 19th century to today.~~ PRQ: FLGE 202 or consent of department.

FLGE 411. ~~COMMUNICATING IN MODERN GERMAN~~ (3). Advanced conversation and composition course focusing on the understanding of modern German in day-to-day communication, including formal and informal language, dialects and slang. ~~Current usages in spoken and written German with emphasis on contemporary vocabulary, idiomatic expressions, and syntax.~~ PRQ: Two 300-level German courses or consent of department.

FLGE 412. PRACTICAL BUSINESS GERMAN (3). German language study oriented toward business practices. Techniques of spoken and written communication necessary in the German work environment. ~~Extensive practice in the writing of business correspondence and formal presentations.~~ PRQ: Two 300-level German courses or consent of department.

FLGE 461. GERMAN CULTURAL STUDIES: READING TEXTS IN CONTEXTS AND CIVILIZATION 800-1832 (3). Focus on the central role that culture plays in fostering and understanding German society through a variety of media such as fiction, film, magazines, blogs, and music. ~~Social and cultural developments in the German-speaking lands from 800 to 1832.~~ PRQ: Two 300-level German courses or consent of department.

FLGE 463. *DEUTSCHLAND HEUTE* (3). Critical approach to postwar and contemporary German culture, society, and everyday life from 1945 to the present, with emphasis on the developments since the reunification of 1990 using German media in print and screen. ~~Analysis of essential texts and the lives of representative Germans. Lectures, discussions, films.~~ PRQ: Two 300-level German courses or consent of department.

FLGE 481. ~~BREAKING IT DOWN: THE STRUCTURE OF MODERN GERMAN~~ (3). Examination of core areas of German linguistic concepts. ~~Survey of Modern German and the use of contemporary linguistic~~

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 70 of 86

methods to analyze and contrast its major structures ... ..

FLRU 301. ~~ADVANCED RUSSIAN GRAMMAR AND COMPOSITION~~ **BREAKING IT DOWN: WRITING IN RUSSIAN (3)**. Putting writing practice in its grammatical context. PRQ: FLRU 202 or consent of department.

FLRU 311. **SPOKEN AND WRITTEN RUSSIAN IN A CULTURAL CONTEXT** ~~CONVERSATION AND COMPOSITION (3)~~. Development of oral ~~intensive practical training in spoken and written Russian~~ **skills necessary to interact competently on a range of topics**. PRQ: FLRU 202 or consent of department.

FLRU 321. ~~INTRODUCTION TO~~ **MASTERPIECES OF** RUSSIAN LITERATURE (3). ... ..

FLRU 431. ~~19TH CENTURY~~ RUSSIAN **LITERARY GIANTS: THE GOLDEN AGE** ~~LITERATURE (3)~~. Readings, lectures, and discussion of **Golden Age** classic writers, such as **Gogol and Pushkin**, in various genres. Taught in English.

FLRU 433. **BREAKING TABOOS AND EXPERIMENTING: RUSSIAN MODERNISM** ~~MODERNIST LITERATURE: 1881-1930 (3)~~. Readings, lectures, and ... ..

FLRU 434. 20<sup>TH</sup> **AND 21<sup>ST</sup>** CENTURY RUSSIAN LITERATURE (3). Readings, lectures, and discussion of works by major authors of the 20<sup>th</sup> **and 21<sup>st</sup>** centuries in various ... ..

FLRU 461. CONTEMPORARY RUSSIAN CULTURE **THROUGH MEDIA** (3). Application of student's linguistic skills in areas of topical interest relating to ~~Soviet~~ **Russian** culture. Better understanding of ... ..

FLJA 311. ~~ADVANCED~~ **SPOKEN JAPANESE IN A CULTURAL CONTEXT** ~~CONVERSATION (3)~~. ....

FLAL 415. INTERNSHIP IN ~~FOREIGN~~ **WORLD LANGUAGES AND CULTURES** (3). ... ..

Other catalog change

Pages 287-288, 2017-18 Undergraduate Catalog

**Major in German (B.A.)**

↓

**Emphasis 2. Translation and Business German**

↓

**Requirements outside Department (15)**

↓

MKTG 340 **295** - Principles of Marketing (3)

↓

Other catalog change

Page 288, 2017-18 Undergraduate Catalog

**Major in Spanish (B.A.)**

↓

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 71 of 86

**Emphasis 2. Translation and Business Spanish**

↓

**Requirements outside Department (9)**

↓

MKTG 340 **295** - Principles of Marketing (3)

↓

Other catalog change

Page 289, 2017-18 Undergraduate Catalog

**Educator Licensure - Foreign Languages**

↓

**Procedures**

↓

Apply for the first clinical course, ILAS 201, in the March or October prior to the semester in which you wish to take it.

↓

Students are admitted to the educator licensure program when they have:

completed the written application for admission to the program, and a satisfactory interview,

passed the Illinois Test of Academic Proficiency (TAP, formerly, Basic Skills Test) or **substitute a valid ACT or SAT score** ~~the ACT score substitution (22 composite or higher with a combined English/Writing score of 19 or above for tests taken before 9/1/2015 or a writing score of 16+ for tests taken after 9/1/2015),~~

attained a cumulative GPA of 2.75 at the time of application, and a GPA of 3.00 in the language in which the applicant hopes to be licensed, **with grades of C or above in all required courses,**

↓

**Requirements outside Department**

Prerequisites

↓

The following prerequisites should be taken as part of the B.A.:

**a college-level English grammar course** ENGL 207—Fundamentals of English Grammar (3) **(at least 3 credits** or **proof of having tested** out)

\*PSYC 102 - Introduction to Psychology (3)

Other requirements outside of department

↓

Other Catalog Change

Page 290, 2017-18 Undergraduate Catalog

**Minor in Italian (24)**

↓

~~^ENGL 318 - Dynamics of Our Living~~ **Exploring Human** Language (3)

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 72 of 86

↓

Other Catalog Change

Page 290, 2017-18 Undergraduate Catalog

**Minors in Foreign Languages**

↓

**Minor in German (18)**

Check departmental information for any additional requirements.

**Requirements (18)**

Choose six courses from among following (18)

FLGE 301 - Advanced German Grammar (3)

^FLGE 302 - **Reading, Writing, Translating** ~~Advanced German Composition and Translation~~ (3)

~~FLGE 311 - Advanced German Conversation (3)~~

^FLGE 320 - German Texts and Media (3)

^FLGE 321 - ~~Masterpieces of German~~ **Cultural and Literary Topics Through the Centuries** ~~Literature I~~ (3)

^FLGE 322 - **Cultural and Literary Topics in German-Speaking Countries** ~~Masterpieces of German Literature II~~ (3)

FLGE 323 - Special Topics in German Language, Literature, or Culture (3)

Elective(s) from 400-level FLGE course (3)

↓

**Minor in Russian (24)**

**Requirements (12)**

↓

Four electives to be chosen from the following; two must be from FLRU (12):

~~FLRU 301 - Advanced Russian Grammar and Composition~~ **Breaking it Down: Writing in Russian** (3)

~~FLRU 321 - Introduction to~~ **Masterpieces of** Russian Literature (3)

FLRU 412 - Business Russian (3)

~~FLRU 431 - 19th-Century Russian~~ **Literary Giants: The Golden Age** ~~Literature~~ (3)

FLRU 432 - Russian **Women Writers: Challenging the Status Quo** ~~Literature and Culture~~ (3)

FLRU 433 - **Breaking Taboos and Experimenting: Russian Modernism** ~~Modernist Literature: 1881-1930~~ (3)

FLRU 434 - 20<sup>th</sup> **and 21<sup>st</sup>** Century Russian Literature (3)

FLRU 461 - Contemporary Russian Culture **through Media** (3)

↓

**Minor in Spanish (18)**

**Requirements (9)**

Check departmental information for any additional requirements.

FLSP 211 - Intermediate Spanish Conversation (3)

OR FLSP 215 - Spanish ~~Grammar~~ for **Heritage** ~~Spanish~~ Speakers **I** (3)

FLSP 301 - Advanced Spanish Grammar (3)



BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 73 of 86

^FLSP 320 - Intensive Reading and Introduction to Literary **Textual and Media** Analysis (3)

↓

**Department of Geographic and Atmospheric Sciences**

New Courses

Pages 303, 305, 2017-18 Undergraduate Catalog

CIP: 45.0701

GEOG 201. INTRODUCTION TO HUMAN GEOGRAPHY (3). Introduction to spatial analysis and geographic processes of our world. Through the exploration of human geography, and associated sub-disciplines (urban, political, population, economic, etc.) and what is studied by geographers in those areas (sprawl, diffusion, migration, etc.), “space” will be viewed from a new perspective, not only theoretical and abstract, but applied, as well.

GEOG 425. GEOGRAPHY OF FOOD AND AGRICULTURE (3). Geographic patterns, food production, and distribution systems. Examination of major environmental challenges inherent in the global food system. Includes global agricultural systems, global food security, industrial and alternative agricultural systems, and the impacts of agriculture on the environment.

Course Revisions

Page 305, 2017-18 Undergraduate Catalog

432. ~~GEOGRAPHY OF~~ **GIS FOR PUBLIC AND ENVIRONMENTAL HEALTH** (3). Geographic **Information Science applications in public and environmental dimensions of health scenarios** in local and regional populations across the globe. ~~Topics include disease ecology, infectious and chronic diseases, geographic mobility, biometeorology, nutrition, development and health, geographic disparities in health, healthcare resources and access, medical systems, concepts of health and place, therapeutic spaces,~~ **Measurement in vital statistics, surveillance data, collected field data, and monitoring will be covered with an introduction to health metrics for comparative population health studies. Lecture and laboratory.**

493. COMPUTER PROGRAMMING FOR THE GEOSPATIAL AND ATMOSPHERIC SCIENCES (3). Introductory programming ... PRQ: GEOG 459 **or CSCI 240** or consent of department.

Other Catalog Change

Page 300-301, 2017-18 Undergraduate Catalog

**Major in Geography**

The emphasis in geography offers the opportunity to develop greater understanding of a specific aspect of geography by choosing electives from one of ~~four~~ **three** areas of study: ~~in-area studies~~ **human geography**, geographic information systems (GIS) **science**, **or** natural environmental systems, ~~or urban/economic systems~~. With the proper set of electives, the student can meet federal civil service qualification standards as a soil scientist or hydrologist. The emphasis in geomatics integrates land surveying and mapping science.

↓

**Emphasis 1: Geography (B.A. or B.S.)**

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 74 of 86

**Requirements in Department (35-36)**

- ~~\*GEOG 101—Introduction to Environmental Geography (3)~~
- ~~\*GEOG 102—Introduction to Environmental Geography Laboratory (1)~~
- ~~\*GEOG 105—Weather, Climate, and You (3)~~
- ~~\*GEOG 106—Weather and Climate Laboratory (1)~~
- ~~\*GEOG 202—World Regional Geography (3)~~
- ~~\*GEOG 204—Geography of Economic Activities (3)~~

Two of the following (7-8):

- \*GEOG 101 - Introduction to Environmental Geography (3)  
AND \*GEOG 102 - Introduction to Environmental Geography Laboratory (1)
- \*GEOG 105 - Weather, Climate, and You (3)  
AND \*GEOG 106 - Weather and Climate Laboratory (1)
- \*GEOG 253 - Environment and Society (3)

Two of the following (6):

- GEOG 201 - Introduction to Human Geography (3)
- \*GEOG 202 - World Regional Geography (3)
- \*GEOG 204 - Geography of Economic Activities (3)

GEOG 256 - Maps and Mapping (3)

↓

Both GEOG 391 and GEOG 491 may be included in these 12 hours for no more than 3 semester hours of credit in each.

**Area Studies**

Course work from the following

- ~~GEOG 303—Water Resources and the Environment (3)~~
- ~~GEOG 315X—Geography of Energy (3)~~
- ~~GEOG 330—Geography of the U.S. and Canada (3)~~
- ~~GEOG 332—Geography of Latin America (3)~~
- ~~GEOG 335X—Immigration (3)~~
- ~~GEOG 336—Geography of Africa (3)~~
- ~~GEOG 391D—Internship: Regional Geography (1-3)~~
- ~~GEOG 338—Geography of Asia (3)~~
- ~~GEOG 368—Climate Change: Science, Impacts and Mitigation (3)~~
- ~~GEOG 408—Tropical Environmental Hazards (3)~~
- ~~GEOG 430—Population Geography (3)~~
- ~~GEOG 435X—Space in Language and Culture (3)~~
- ~~GEOG 451—Political Geography (3)~~
- ~~GEOG 461—Applied Statistics in Geographic Research (3)~~
- ~~GEOG 490—Community Geography (3)~~
- ~~GEOG 491—Undergraduate Research in Geography (1-3)~~
- ~~GEOG 498D—Seminar in Current Problems: Regional Geography (3)~~
- ~~GEOG 498E—Seminar in Current Problems: Human Geography (3)~~

**Geographic Information Systems Science**

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 75 of 86

Course work from the following

↓

GEOG 432 - Geography of **GIS for Public and Environmental Health** (3)

↓

GEOG 498K - Seminar in Current Problems: Mapping/Geovisualization (3)

**Human Geography**

Course work from the following

GEOG 201 – Introduction to Human Geography (3)

GEOG 304 - Transportation Geography (3)

~~\*\*GEOG 324X - Women in Science (3)~~

GEOG 336 - Geography of Africa (3)

GEOG 362 - Geography of Urban Systems (3)

GEOG 391G - Internship: Urban/Economic Geography (1-3)

GEOG 403 - Soils and Environmental Land Use Planning (3)

GEOG 407 - Technological Hazards (3)

GEOG 425 - Geography of Food and Agriculture

GEOG 430 - Population Geography (3)

GEOG 451 - Political Geography (3)

GEOG 453 - Environmental Management (3)

GEOG 455 - Land-Use Planning (3)

GEOG 461 - Applied Statistics in Geographic Research (3)

GEOG 463 - Urban Geography (3)

GEOG 464 - Location Analysis (3)

GEOG 490 - Community Geography (3)

GEOG 491 - Undergraduate Research in Geography (1-3)

GEOG 498G - Seminar in Current Problems: Urban/Economic Geography (3)

**Natural Environmental Systems<sup>1</sup>**

Course work from the following

↓

GEOG 422 - Plant-Soil Interactions (4)

**GEOG 425 - Geography of Food and Agriculture (3)**

GEOG 442X - Geomorphology (3)

**Urban/Economic Systems**

Course work from the following

~~GEOG 304 – Transportation Geography Credits: 3~~

~~GEOG 315X – Geography of Energy (3)~~

~~#\*GEOG 324X – Women in Science (3)~~

~~GEOG 362 – Geography of Urban Systems (3)~~

~~GEOG 391G – Internship: Urban/Economic Geography (1-3)~~

~~GEOG 403 – Soils and Environmental Land Use Planning (3)~~

~~GEOG 407 – Technological Hazards (3)~~

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 76 of 86

~~GEOG 430—Population Geography (3)~~  
~~GEOG 453—Environmental Management (3)~~  
~~GEOG 455—Land Use Planning (3)~~  
~~GEOG 461—Applied Statistics in Geographic Research (3)~~  
~~GEOG 463—Urban Geography (3)~~  
~~GEOG 464—Location Analysis (3)~~  
~~GEOG 490—Community Geography (3)~~  
~~GEOG 491—Undergraduate Research in Geography (1-3)~~  
~~GEOG 498E—Seminar in Current Problems: Human Geography (3)~~  
~~GEOG 498G—Seminar in Current Problems: Urban/Economic Geography (3)~~

**Requirements outside Department (B.A., 7-20; B.S., 10-15)**

\*MATH 210 - Finite Mathematics (3),  
OR \*MATH 211 - Calculus for Business and Social Science (4),  
OR \*MATH 229 - Calculus I (4)  
STAT 301 - Elementary Statistics (4)

*For the B.A. degree*

~~\*MATH 210—Finite Mathematics (3),~~  
~~OR \*MATH 211—Calculus for Business and Social Science (3),~~  
~~OR \*MATH 229—Calculus I (4)~~  
~~STAT 301—Elementary Statistics (4)~~  
Fulfillment of foreign language requirement (0-12)  
(See “Foreign Language Requirement for the B.A. Degree”)

*For the B.S. degree*

Laboratory science/mathematical/computational skills sequence (10-15)  
(See “College Requirements for the B.S. Degree”)

Students should consult the undergraduate adviser for the appropriate sequence for their course of study.

**Total Hours for Emphasis 1, Geography: 43 42-56 (B.A.) OR 46 45-51 (B.S.)**

↓

**Emphasis 2: Geomatics (B.S.)**

**Requirements in Department (41)**

\*GEOG 101 - Introduction to Environmental Geography (3)  
AND \*GEOG 102 - Introduction to Environmental Geography Laboratory (1)  
OR  
\*GEOG 105 - Weather, Climate, and You (3)  
AND \*GEOG 106 - Weather and Climate Laboratory (1)  
GEOG 150 - Introduction to Geomatics (3)

↓

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 77 of 86

Other Catalog Change Page 302, 2017-18 Undergraduate Catalog

**Minor in Geography (19)**

↓

\*GEOG 202 - World Regional Geography (3),  
**OR GEOG 201- Human Geography (3)**  
OR \*GEOG 204 - Geography of Economic Activities (3)

↓

Other Catalog Change Page 304, 2017-18 Undergraduate Catalog

**Geographic Information Systems (15)**

This certificate ... .. six calendar years. ~~All course requirements for the~~ **All semester hours** for the certificate must be completed at NIU. With department... ..

**Requirements**

↓

Course work from the following with consent of adviser (6)

↓

~~GEOG 432 - Geography of~~ **GIS for Public and Environmental** Health (3)  
GEOG 455 - Land-Use Planning (3)  
GEOG 458 - Geovisualization (3)  
~~GEOG 459 - Geographic Information Systems (3)~~  
GEOG 460 - Remote Sensing of the Environment (3)

↓

**Department of Mathematical Sciences**

Other Catalog Change Page 323-325, 2017-18 Undergraduate Catalog

**Major in Mathematical Sciences (B.S.)**

↓

**Emphasis 5. Mathematics Education**

To be licensed to teach secondary school ... .. Students who successfully complete the program and pass the state mandated Teacher Performance Assessment will have completed all required ISBE ~~and CAEP~~ standards for receiving university recommendation ... ..

**Requirements in Department (43)**

↓

MATH 401<sup>1</sup> - Clinical Secondary School Experience in Mathematics (1-2),

↓

MATH 413<sup>2</sup> - Student Teaching (Secondary) in Mathematics (7-12) (~~See “Clinical Experiences” below~~)

↓

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 78 of 86

One additional course from the following (3)

**MATH 336 - Ordinary Differential Equations (3)**

MATH 421 - Abstract Algebra II (3)

↓

STAT 470 - Introduction to Probability Theory (3)

**Requirements outside Department (4)**

**CSCI 230 - Computer Programming in FORTRAN (4),**

**OR CSCI 240 - Computer Programming in C++ (4),**

**OR an approved computer programming class focused on the use of FORTRAN, C, or C++ that contains a laboratory component (3-4)**

**Recommendations**

**Courses in chemistry and physics with at least one laboratory course. These courses satisfy the Nature and Technology general education requirement.**

**ENGL 350, which satisfies a Creativity and Critical Analysis general education requirement.**

**Special Departmental Requirements for Licensure**

~~Apply for ... teaching.~~

~~Pass all areas of the ... Board of Education.~~

~~Obtain departmental ... this conference.~~

~~Satisfy the minimum ... above MATH 231.~~

**Admission Requirements**

Students are admitted to the Secondary Mathematics Educator Licensure Program when they have:

**Established an advising file with the Secondary Mathematics Educator Licensure Program and completed satisfactory reviews of progress each semester after establishment of the file;**

**Completed at least 12 semester hours at NIU with a cumulative GPA of at least 2.50;**

**Earned a minimum GPA of 2.25 in all courses counted for credit toward the major and a minimum grade of C in all Mathematics courses;**

**Earned a minimum GPA of 2.25 in all courses counted for credit toward the major numbered above MATH 231;**

**Passed the Test of Academic Proficiency (TAP) of the Illinois Licensure Testing System (ILTS) or met the ACT/SAT/TAP substitution as recognized by the Illinois State Board of Education;**



The Illinois State Board of Education (ISBE) requires a minimum of 100 clock hours of substantial, varied and sequential clinical experiences prior to student teaching. This requirement may be satisfied by completing the following sequence of courses:

ILAS 201 - Introductory Clinical Experience (1)

ILAS 301 - Second Clinical Experience (1) (usually taken the same semester as EPS 406 or equivalent)

MATH 401<sup>1</sup> - Clinical Secondary School Experience in Mathematics (1-2)

Undergraduates must consult with the Coordinator of Educator Licensure in the Department of Mathematics about admission to ILAS 201, ILAS 301, and MATH 401. Postbaccalaureate students should consult with the Coordinator of Educator Licensure in the Department of Mathematics upon arrival.

### Professional Education Course Requirements

The ISBE and requirements for educator licensure in Mathematics at NIU also specify that candidates must earn a grade of C or better for each course included in required professional course work in human development and learning, and teaching of English Language Learners, teaching exceptional children. Candidates should consult with the Coordinator of Educator Licensure in Mathematics to determine which courses satisfy these additional requirements outside the department.

Please note: the above classes for educator licensure may change to reflect new state requirements.

### Additional Requirements (36-39)

For detailed information, see “University Graduation Requirements.”

↓

The educator licensure ... for a degree.

~~Nature and Technology (9): Course work in at least two science fields with a minimum of two courses in one science field; must include at least one science laboratory course.~~

Documentation of the completion of a first aid course, experience ... ..

### Other Requirements

See “Educator Licensure Requirements.”

### Exit Examination

Students seeking ... completed all required ISBE Illinois State Board of Education and CAEP standards for receiving ... obtained from the ISBE Illinois State Board of Education.

### Minor in Mathematical Sciences

↓



SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog

p. 81 of 86

**Option 3. Secondary Mathematics Education (29-31-32)**

The requirements listed below for the minor in Mathematics Education apply to students who complete the minor before the fall semester 2014. Students who anticipate completing the minor after summer 2014 should consult their advisors.

Provided that MATH 416 is not chosen as an elective, **The minor in Secondary Mathematics Education** this option meets the ~~minimal~~ mathematics requirements for an endorsement to teach mathematics in grades 9-12 in Illinois. ~~Provided that neither MATH 360 nor MATH 416 is chosen as an elective, and provided that the student also completes MATH 410, this option meets the minimal mathematics requirement for an endorsement to teach mathematics in grades 6-8 in Illinois.~~ **Individuals seeking an initial teaching licensure through Northern Illinois University in another discipline area for grades 9-12 need to complete these courses in order to receive an endorsement, on their initial Illinois professional educator license, to teach mathematics in grades 9-12.** The Illinois State Board of Education (ISBE) requires that students ... ..

↓

MATH 353 - Axiomatic Geometry (3)

**MATH 360 - Model Building in Applied Mathematics (3),**

**OR MATH 336 Ordinary Differential Equations (3)**

MATH 412 - Methods of Instruction in the Mathematics Curriculum for Secondary School II (3)

**STAT 350 - Introduction to Probability and Statistics (3)**

Select **one course** from the following (~~7-9~~ **3-4**)

↓

MATH 304 - History of Mathematics Through the 17th Century (3)

~~MATH 360 - Model Building in Applied Mathematics (3)~~

MATH 416 - Topics in Mathematics for Teachers (3)

MATH 420 - Abstract Algebra I (3)

~~STAT 350 - Introduction to Probability and Statistics (3)~~

Six or more semester hours in the minor must be taken at NIU.

**In addition to completing the above course work, the candidate must pass the Mathematics Content Area Test (115) of the Illinois Licensure Testing Systems (ILTS) to obtain an endorsement in grades 9-12 Mathematics.**

**The Center for Nonprofit and NGO Studies**

Course Revisions

Page 333, 2017-18 Undergraduate Catalog

302. INTRODUCTION TO RESEARCH IN NON-GOVERNMENTAL ORGANIZATIONS AND COMMUNITIES (3). ... .. Define the issue, design a research plan and practice using both qualitative and quantitative methods. **May only be repeated once. PRQ: NNGO majors only; or consent of center.**

490. NONPROFIT AND NGO STUDIES INTERNSHIP (1-3). ... .. PRQ: **NNGO 302 with a grade of C or better**, NNGO 100, ~~NNGO 302~~, and consent of center.

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 82 of 86

Course Revisions

Page 333, 2017-18 Undergraduate Catalog

410 **493**. NONPROFITS AND COMMUNITY ENGAGEMENT (3). ... .. PRQ: NNGO majors only; at least junior standing; NNGO 100 or PSPA 301; **must earn a grade of C or better in** NNGO 302; or consent of center.

495. CAPSTONE SEMINAR IN NONPROFIT AND NGO STUDIES (3). ... .. PRQ: NNGO majors only, NNGO 100, **NNGO 493**, and **must earn a grade of C or better in** NNGO 302. ~~CRQ: NNGO 410.~~

Other Catalog Change

Page 332, 2017-18 Undergraduate Catalog

**Major in Nonprofit and NGO Studies (B.A. or B.S.)**

↓

**Requirements in Center (18)**

↓

NNGO 350 - Community Organizations in a Digital World (3),

OR NNGO 390 - Special Topics in Nonprofit and NGO Studies (3)

~~NNGO 410 - Nonprofits and Community Engagement (3)~~

NNGO 429/ANTH 429X/SOCI 329X - International NGOs and Globalization (3)

**NNGO 493 - Nonprofits and Community Engagement (3)**

NNGO 495 - Capstone Seminar in Nonprofit and NGO Studies (3)

**Requirements outside center (33)**

↓

Five of the following, chosen with adviser approval

↓

GEOG 453 - Environmental Management (3)

~~HIST 171 - World History II: Problems in the Human Past (3)~~

#HIST 354 - Black American Business and Entrepreneurship (3)

↓

HIST 390 - Film and History (3)

**HIST 486 - Inequality in Latin America (3)**

INTL 301/401 - Study Abroad Programs (1-9)

↓

PHIL 335 - Environmental Ethics (3)

**PHIL 338 - Philosophy of Food (3)**

POLS 220 - Introduction to Public Policy (3)

↓

POLS 383 - International Political Economy (3)

**PSPA 320 - Public Service Leadership (3)**

PSPA 328 - Role of Nongovernmental Organizations in Development (3)

↓

Other catalog change

Page 333, 2017-18 Undergraduate Catalog

**Nonprofit and NGO Studies (12)**

↓

**Required Courses (12)**

↓

One course from the following (3)

↓

MKTG 340 **295** - Principles of Marketing (3)

↓

**Department of Psychology**

Course Revisions

Page 353, 2017-18 Undergraduate Catalog

219. POSITIVE PSYCHOLOGY (3). Analysis of behavioral ... .. PRQ: PSYC 102.

315. ~~BEHAVIOR DISTURBANCES IN CHILDREN~~ **DEVELOPMENTAL PSYCHOPATHOLOGY** (3).  
Disturbances in children ... ..

413. CLINICAL PSYCHOLOGY LABORATORY (4). Training ... laboratory. PRQ: At least junior standing, PSYC 305, and either **one of the following**: PSYC 315, ~~or~~ PSYC 316, ~~or~~ PSYC 332, **PSYC 351**; or consent of department.

417. PRINCIPLES OF BEHAVIOR MODIFICATION (3). Introduction to the ... .. PRQ: At least junior standing and either **one of the following**: PSYC 315, ~~or~~ PSYC 316, **PSYC 360**, or consent of department.

424. ADOLESCENT DEVELOPMENT (3). Behavioral development during ... .. PRQ: At least junior standing and **either PSYC 225 or** PSYC 324, or consent of department.

425. ADULT DEVELOPMENT AND AGING (3). Behavioral development ... .. PRQ: At least junior standing and **either PSYC 225 or** PSYC 324, or consent of department.

434. INDUSTRIAL-ORGANIZATIONAL PSYCHOLOGY LABORATORY (4). Introduction, training, and practice ... .. PRQ: At least junior standing, PSYC 305, and one of the following: PSYC 332, **PSYC 351**, PSYC 372, PSYC 471, or consent of department.

465. ADVANCED DEVELOPMENTAL PSYCHOLOGY (3). Fundamental theories, issues, and concepts in ... .. PRQ: At least junior standing and **either PSYC 225 or** PSYC 324, or consent of department.

471. INDUSTRIAL-ORGANIZATIONAL PSYCHOLOGY (3). Contribution of psychology in theory, research, and ... .. PRQ: At least junior standing and either **one of the following**: PSYC 332, PSYC 351, ~~or~~ PSYC 372, or consent of department.

473. SOCIAL JUDGMENT (3). Examination of research ... PRQ: At least junior standing and **either PSYC**

345 or PSYC 372, or consent of department.

## **COLLEGE OF VISUAL AND PERFORMING ARTS**

### **School of Art and Design**

New Courses: Page 370, 2017-18 Undergraduate Catalog

CIP CODE: 50.0702

ARTD 202. INTRODUCTION TO TYPOGRAPHY (3). Introduction to the physical and conceptual aspects of typography as a visual medium. Historical, technical, formal and abstract compositional requirements of typography, integrating hand and computer skills to render type. PRQ: ART 100 and ART 102.

ARTD 401. USER EXPERIENCE DESIGN (3). Principles of user experience in the interaction design context and beyond. Focus on developing user centered solutions, research, content strategy, testing and analytics. PRQ: ARTD 319.

ARTD 460. EXPERIMENTAL AND ALTERNATIVE PHOTOGRAPHY (3). Further exploration of the technical and aesthetic aspects of photography as a contemporary art medium with emphasis on experimental and alternative techniques. Studio, lecture, and laboratory. PRQ: ARTD 413 or ARTD 419; and successful completion of portfolio review in photography.

ARTD 464. ADVANCED PHOTOGRAPHY: POST-PRODUCTION (3). Further exploration of the technical and aesthetic aspects of photography as a contemporary art medium with emphasis on advanced photographic post-production and printing. Studio, lecture, and laboratory. PRQ: ARTD 413 or ARTD 419; and successful completion of portfolio review in photography.

ARTD 465. SEQUENCING AND PHOTOBOOKS (3). Further exploration of the technical and aesthetic aspects of photography as a contemporary art medium with emphasis on sequencing and photobooks. Studio, lecture, and laboratory. PRQ: ARTD 413 or ARTD 419; and successful completion of portfolio review in photography.

ARTD 470. PHOTOGRAPHIC LIGHTING (3). Further exploration of the technical and aesthetic aspects of photography as a contemporary art medium with emphasis on photographic lighting techniques. Studio, lecture, and laboratory. PRQ: ARTD 413 or ARTD 419; and successful completion of portfolio review in photography.

New Course: Page 373, 2017-18 Undergraduate Catalog

CIP CODE: 50.0703

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 85 of 86

ARTH 362. HISTORY OF VISUAL COMMUNICATION (3). History, theory, and criticism of visual communication in print culture and new media.

Course Revision: Page 370, 2017-18 Undergraduate Catalog

ARTD 211. **INTERMEDIATE** TYPOGRAPHY (3). Study of typography, including its form, application, and role in culture. Exploration of typography as a primary medium of visual communication. PRQ: ARTD 201 and ARTD 202.

GEC Course Revision: Page 373, 2017-18 Undergraduate Catalog

ARTH. 360. STUDIES IN DESIGN (3).  
A. Modern and Postmodern Architecture  
~~B. From Print Culture to New Media~~  
C. From Craft to Industry  
D. Thematic Subjects  
History, theory, and criticism of ... ..

GEC 11/16/17

**School of Music**

Course Revisions: Page 381, 2017-18 Undergraduate Catalog

MUTC 211. **INTRODUCTION TO** ELECTRONIC AND COMPUTER MUSIC I (2). Laboratory introduction to the techniques of electronic music composition within a digital audio workstation (DAW) environment. ~~Emphasis on tape techniques and analog~~ Topics include audio editing, digital processing of sound, MIDI sequencing, and digital synthesis. PRQ: Consent of school.

MUTC 212. **INTRODUCTION TO** ELECTRONIC AND COMPUTER MUSIC II (2). Further study and experimentation with techniques introduced in MUTC 211. Emphasis on ~~implementing techniques studied thus far in more extensive electronic music compositions~~ live digital signal processing (dsp) and interactive electronic music composition using MaxMSP. PRQ: MUTC 211 or consent of school.

MUTC 215. APPLIED EDITING TECHNIQUES (3) **(2)**. ... ..

MUTC 216. AURAL SKILLS FOR THE AUDIO PROFESSIONAL (3) **(2)**. ... ..

MUTC 223. APPLIED MIXING TECHNIQUES (3) **(2)**. ... ..

MUTC 224. LIVE SOUND THEORY, TECHNIQUES, AND PRACTICUM (3) **(2)**. ... ..

**School of Theatre and Dance**

BACCALAUREATE COUNCIL  
Fourth Meeting/2017-18 Academic Year  
December 7, 2017

**SECTION A – Recorded for inclusion in the 2018-19 Undergraduate Catalog**

p. 86 of 86

Course Deletions: Page 395, 2017-18 Undergraduate Catalog

TH-D 467. DANCE NOTATION I (3).  
TH-D 468. DANCE NOTATION II (3).

Course Revision: Page 395, 2017-18 Undergraduate Catalog

TH-D 286. ~~RHYTHMIC ANALYSIS, DANCE IMPROVISATION, AND COMPOSITION~~  
(3). ... ..

Other Catalog Change: Page 391, 2017-18 Undergraduate Catalog

**Major in Dance Performance (B.F.A.)  
Requirements in Department and School (74)**

↓  
TH-D 286 - ~~Rhythmic Analysis, Dance Improvisation, and Composition~~ (3)

↓  
THEA 395 - ~~Performance and Production~~ **Practicum** (1)

↓  
Course work from the following (17)  
~~KNDN 473 – Dance as Art in Education (3)~~  
THEA 495 - Internship in Theatre Arts (1-9)

↓  
TH-D 409 - Pas de Deux (2)  
~~TH-D 467 – Dance Notation I (3)~~  
~~TH-D 468 – Dance Notation II (3)~~