

## ALL UNIVERSITY SECTION

### Undergraduate Academic Programs

Other Catalog Change                      2017-18 Undergraduate Catalog

#### **Honors Program**

The University Honors Program (UHP) provides an enriched educational experience for students of high academic promise and achievement who have a commitment to excellence. The UHP program is open to students in all undergraduate colleges and provides its students with uniquely designed and specially taught courses; access to award-winning professors; a low student-to-faculty ratio; a unique blend of co-curricular programming study abroad programs; Honors only research programs; specialized advising; a living-learning community; peer and alumni mentoring; specialized internships; and Honors-only scholarships, tuition waivers, and awards.

University Honors Program courses differ from other courses in that they encourage more open exchange between students and professors, are designed to engage students in practical and enhanced learning opportunities, and provide direct access to the best faculty both inside and outside the classroom. For the Capstone Project, students are encouraged to pursue a subject of their choosing in depth and to develop their interests through independent, yet guided, research, study, or artistry. University Honors sections are normally available in all general education areas, as elective seminars, and in virtually all majors. Honors students culminate their experience with an in-depth Capstone Project, where students are encouraged to pursue a subject of their choosing and develop their interests through independent, yet guided, research, study, or artistry.

Since all University Honors credit applies toward graduation requirements, a University Honors student may complete the program without additional time requirements; a student may also withdraw from the program without loss of credit. Graduation with UHP recognition with University Honors frequently gives the students a distinct advantage in applying for professional or graduate school and for employment as they can articulate both their curricular and co-curricular accomplishments. Moreover, since curricular UHP credit applies toward graduation requirements, students may complete the program with minimum burden. Students may also withdraw from the program at any time without loss of credit.

#### **Academic Program of Study**

The program is divided into two parts. Lower Division Honors, requires 15 semester hours of honors course work with a minimum GPA of 3.20 in honors courses and a minimum overall GPA of 3.00. Included within these 15 hours is a Cornerstone course taken in the fall semester of the freshman year.

Recognition of Upper Division Honors requires completion of 12 semester hours of 300- and 400-level honors course work with a minimum GPA of 3.20 in those courses and a minimum overall GPA of 3.20. Included within these 12 hours are a University Honors Seminar and an Honors Capstone independent study project completed during the senior year. Normally, the University Honors Seminar must be taken outside of students' majors. However, students who have completed lower division honors at NIU and are

BACCALAUREATE COUNCIL  
First Meeting/2017-18 Academic Year  
September 14, 2017

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

p. 2 of 11

~~part of a departmental or college honors program may, with permission of the program, take their seminars within their majors.~~

The program is divided into two distinct options for students to complete – each with their own separate requirements. The *Associate University Honors* option requires six (6) points from a combination of curricular and co-curricular activities. Specifically, students who elect to pursue this distinction are required to earn a minimum of three (3) points through honors designated course work, with a minimum overall GPA of 3.30. (Each class must be greater than or equal to three-credits to earn one point towards *Associate University Honors* requirements.) Included within the minimum three (3) curricular points is a requirement of at least two (2) points of honors designated curricular credit outside the major. Furthermore, and included with the minimum three (3) curricular points, another requirement is one (1) University Honors Seminar. In addition, students must achieve Engage PLUS Silver Scholar status by completing and having approved a minimum of two (2) non-credit bearing, co-curricular learning experiences as defined by the Engage PLUS program. The remaining one (1) point is an elective that can be satisfied through either additional honors designated curricular course work or an added co-curricular experience that is approved through Engage PLUS.

The second option is *Full University Honors* and is achieved when students accumulate twelve (12) points from a combination of curricular and co-curricular activities. Students are required to earn a minimum of six (6) points through honors designated course work with a minimum overall GPA of 3.30. (Each class must be greater than or equal to three-credits to earn one point towards *Full University Honors* requirements.) Included within the minimum six (6) curricular points is a requirement of at least four (4) points of honors designated curricular credit outside the major. Furthermore, and included with the minimum six (6) curricular points, other requirements include one (1) University Honors Seminar, and one (1) Honors Capstone independent study project completed during the senior year. In addition, students must achieve Engage PLUS Gold Scholar status by completing and having approved a minimum of four (4) non-credit bearing, co-curricular learning experiences as defined by the Engage PLUS program. The remaining two (2) points are electives that can be satisfied through either additional honors designated curricular coursework, added co-curricular experiences that are approved through Engage PLUS, or a combination of both. (Students may elect to begin the *Associate University Honors* option, successfully fulfill the requirements, and then continue in pursuit of *Full University Honors* – with all previous credit accrued counting towards the requirements of the latter.)

~~The total program, University Honors, involves a minimum of 27 semester hours (approximately nine courses) of honors work, 12 of which must be outside the major. Credit earned in departmental honors programs may be included within the 27 hours requirement for University Honors.~~ Within either option, students may earn honors credit in general education, elective, and major courses with a grade of A, A-, B+, B, or B-, C+ or C. However, the student must earn an A, A-, B+, B or B- in all contract and independent study courses in order to receive honors credit for these courses. A minimum cumulative GPA of 3.20 in all honors course work accepted for honors credit and a minimum overall cumulative GPA of 3.20 are required for recognition of University Honors.

Admission Requirements

BACCALAUREATE COUNCIL  
First Meeting/2017-18 Academic Year  
September 14, 2017

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

p. 3 of 11

The ~~UHP program~~ welcomes not only freshmen but students who wish to enroll in the ~~UHP University Honors Program~~ during or after their freshman year, either from within NIU, as transfer students, or as graduates of community colleges with an associate's degree (A.A. or A.S.) in a baccalaureate-oriented program.

Admission of entering freshmen into the ~~University Honors Program~~ ~~UHP~~ is based on a minimum composite ACT score of 27 or SAT score of 1200, ~~graduation in the upper 10 percent of the high school class,~~ and a 3.75 GPA. Students whose ~~academic record~~ ~~of achievement~~ reflects quality work but who do not meet the above criteria are invited to apply for admission on provisional status as space permits. Students at NIU or who transfer from other institutions ~~as freshmen or sophomores~~ may ~~join the UHP~~ ~~pursue Lower Division Honors~~ if they have a cumulative GPA, ~~from all higher educational institutions,~~ of ~~3.30~~ ~~3.20~~ or better (on a 4.00 scale). ~~Upper Division Honors may be pursued by transfer and native students who have attained junior status and maintain a minimum cumulative GPA of 3.20 (on a 4.00 scale).~~

#### Honors Transfer Credit

Those students who have previously completed ~~15 hours of~~ Honors course works may have these courses counted as curricular credit toward the completion of *Full University Honors*. ~~Lower Division Honors and thus earn full University Honors.~~ ~~For such credit to be applied the following conditions must be met:~~ ~~To be credited with having completed Lower Division Honors elsewhere, the following must apply:~~

The Honors course work must have been completed in an established Honors Program that is a member of the National Collegiate Honors Council or Honors Council of the Illinois Region.

The Honors course work must be accepted by NIU toward the student's major(s), minor(s), or general education requirements, or as electives.

A grade of B- or better must have been earned in the Honors course work offered for honors transfer credit.

~~The student must have a minimum cumulative GPA of 3.20 on a 4.00 scale for all college course work attempted at all institutions attended.~~

It is the student's responsibility to provide documentation of Honors course work to the NIU ~~UHP~~ ~~University Honors Program~~ for evaluation and verification. ~~Transfer credit is not accepted for co-curricular experiences students have completed in the past, nor may students apply curricular transfer credit towards the partial or complete fulfillment of Associate University Honors requirements. However, curricular credit does transfer towards this distinct portion of Full University Honors requirements.~~

~~However, no transfer credit will be accepted toward Upper Division Honors and a student may not earn NIU Upper Division Honors using transfer credit.~~

Degrees with Distinction

BACCALAUREATE COUNCIL  
First Meeting/2017-18 Academic Year  
September 14, 2017

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

p. 4 of 11

~~Students who complete only Lower Division Honors will have this designated on the official transcript.~~

~~Students who complete only Upper Division Honors will have this designated on the official transcript and on the diploma.~~

~~Students who complete Lower and Upper Division Honors and have attained an overall GPA of at least 3.20 will graduate With University Honors. This designation will appear on the official transcript and on the diploma.~~

Students who complete the requirements of *Associate University Honors* will have this designated on the official transcript.

Students who complete the requirements of *Full University Honors* will have this designated on the official transcript and diploma.

Additional Program Services

The **UHP University Honors Program** provides all of its students with special curricular, **and** co-curricular, ~~and extracurricular~~ programming.

All first-year and new transfer students are required to attend an ~~two-day, overnight~~ orientation program held at NIU's Lorado Taft Field Campus ~~in August~~ where they are introduced to the program's full complement of offerings, work with the University Honors Fellows ~~and Peer Mentors~~, and learn how to be successful at NIU.

Other services include priority registration for all courses, **Honors Preferred Program (which provides discounts to students at local businesses)**, extended borrowing privileges for all library materials, dedicated regular and special advising and help in designing an academic program, **a the largest** living-learning community in Honors House located in New Residence Hall Complex, ~~internship and externship~~ programs, and a variety of extracurricular academic, professional development, community service, and social events, ~~both on and off campus~~. University Honors students also have opportunities to participate in special honors seminars on leadership, ethics, and microfinance; to study abroad in **a variety of locations** ~~Argentina, Canada, China, Ghana, and The Netherlands~~; to participate in peer leadership positions; to be named as University Honors ~~Research~~ Scholars; ~~to receive special research and travel grants~~; and to attend state, regional, and national conferences.

Further information about the University Honors Program may be obtained by visiting the University Honors Center in the Campus Life Building (CLB) 110, calling 815-753-0694, sending an e-mail to [honors@niu.edu](mailto:honors@niu.edu), or visiting the website at [www.honors.niu.edu/honors](http://www.honors.niu.edu/honors).

**COLLEGE OF BUSINESS**

**Department of Accountancy**

BACCALAUREATE COUNCIL  
First Meeting/2017-18 Academic Year  
September 14, 2017

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

p. 5 of 11

Course revision Page 95, 2016-17 Undergraduate Catalog

415. DATA ANALYTICS IN ACCOUNTING (3). ... PRQ: A grade of C or better in each of the following courses: FINA 320, MGMT 335, MKTG 310, OMIS 338, ACCY 360, and ACCY 375. ~~CRQ: ACCY 450.~~

**Department of Operations Management and Information Systems**

New courses Page 116, 2016-17 Undergraduate Catalog

CIP: 11.01

473. DATA VISUALIZATION FOR BUSINESS (3). Introduction to basic data visualization design and evaluation principles, including techniques for visualizing multivariate, text-based, temporal, geospatial, hierarchical, and network/graph-based data in the business world. PRQ: OMIS 452. CRQ: OMIS 324.

474. DIGITAL ANALYTICS (3). Overview of key concepts, tools, and analysis techniques of quantitative internet data to optimize websites and web marketing initiatives, including search engine optimization, tracking, and website traffic via pay per click. PRQ: OMIS 452. CRQ: OMIS 324.

Course revisions Pages 114-116, 2016-17 Undergraduate Catalog

327. DECISION ANALYSIS (3). ... CRQ: OMIS 338 ~~and OMIS 351.~~

340. SUPPLY CHAIN MANAGEMENT (3). ... PRQ: OMIS 338 and OMIS 351, ~~or consent of department.~~ CRQ: ~~OMIS 352~~ FINA 320 and MGMT 335 and MKTG 310.

352. MANAGING PROJECTS IN BUSINESS (3). ... CRQ: OMIS 338 and OMIS 351 ~~and FINA 320 and MGMT 335 and MKTG 310, or consent of department.~~

400. INTERNATIONAL STUDY IN OPERATIONS AND INFORMATION MANAGEMENT (3). ... ~~PRQ: consent of department.~~ CRQ: OMIS 338 or OMIS 351.

439. INVENTORY MANAGEMENT (3). ... PRQ: ~~OMIS 327 and FINA 320 and MGMT 335 and MKTG 310~~ OMIS 340.

440. CAPACITY PLANNING AND SCHEDULING (3). ... PRQ: OMIS 340 ~~and FINA 320 and MGMT 335 and MKTG 310.~~

442. PROCESS AND QUALITY IMPROVEMENT (3). ... PRQ: OMIS 338 and OMIS 351, ~~and~~ CRQ: FINA 320 and MGMT 335 and MKTG 310.

443. CONTINUOUS IMPROVEMENT SYSTEMS (3). ... PRQ: ~~OMIS 327, or consent of department~~ OMIS 442.

BACCALAUREATE COUNCIL  
First Meeting/2017-18 Academic Year  
September 14, 2017

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

p. 6 of 11

444. MANUFACTURING SYSTEMS MANAGEMENT (3). ... PRQ: ~~OMIS 327~~ **OMIS 338 and OMIS 351.**

449. BUSINESS APPLICATION DEVELOPMENT (3). ... PRQ: OMIS 338 and OMIS 351 ~~and FINA 320 and MGMT 335 and MKTG 310.~~

450. SERVICE OPERATIONS (3). ... PRQ: OMIS 338 and OMIS 351 ~~and FINA 320 and MGMT 335 and MKTG 310.~~

455. ENTERPRISE RESOURCE PLANNING (3). ... PRQ: OMIS 338 and OMIS 351 **and CRQ:** FINA 320 and MGMT 335 and MKTG 310.

458. INTERNSHIP IN OPERATIONS AND INFORMATION MANAGEMENT (3-6). ... PRQ: ~~OMIS 327, and OMIS 338, and~~ **or** OMIS 351, and operations and information management major, and consent of department.

460. BUSINESS COMPUTING ENVIRONMENTS AND NETWORKS (3). ... PRQ: OMIS 338 and OMIS 351 ~~and FINA 320 and MGMT 335 and MKTG 310.~~

465. PROCUREMENT (3). ... PRQ: ~~OMIS 327 and FINA 320 and MGMT 335 and MKTG 310~~ **OMIS 340.**

471. BUSINESS FORECASTING (3). ... PRQ: ~~OMIS 327 and FINA 320 and MGMT 335 and MKTG 310~~ **OMIS 340.**

472. INTRODUCTION TO BUSINESS INTELLIGENCE (3). ... PRQ: OMIS 452. **CRQ: OMIS 324.**

475. INTERNET AND WEB COMPUTING TECHNOLOGIES (3). ... PRQ: OMIS 452. **CRQ: OMIS 449 or consent of department.**

478. SUPPLY CHAIN SYSTEMS (3). ... PRQ: ~~FINA 320 and MGMT 335 and MKTG 310 and OMIS 338~~ **OMIS 340.** CRQ: OMIS 327.

480. ADVANCED SUPPLY CHAIN MANAGEMENT (3). ... PRQ: ~~OMIS 478.~~ **OMIS 340 and OMIS 452.** CRQ: OMIS 327.

482. PREDICTIVE BUSINESS ANALYTICS (3). ... PRQ: OMIS 324 **and OMIS 452.**

498. BUSINESS ANALYSIS CAPSTONE (3). ... PRQ: ~~OMIS 327 and OMIS 352~~ **OMIS 340** and OMIS 442 and OMIS 452 and ~~OMIS 478~~ **OMIS 455.**

**Department of Operations Management and Information Systems (OMIS)**

The Department of Operations Management and Information Systems (OM&IS) prepares students for professional careers relating to the analysis, design, implementation, and management of operations and information systems in organizations. The operations and information management program stresses the integration of business process improvement with the application of information technology. All OM&IS majors take courses in ~~project~~ **supply chain** management, database management systems, ~~decision analysis~~ **enterprise resource management**, as well as process and quality management. The OM&IS curriculum is designed to support the skills associated with effective problem solving, teamwork, communication, and leadership.

In addition, students pursue one of ~~two~~ **three** areas of study: ~~Business Process Analysis or Business Systems Analysis~~ **Supply Chain Management, Data Analytics, or Information Technology Management**. ~~Business Process Analysis prepares students for entry-level positions as business process analysts. Courses in the Business Process Analysis area of study focus on the concepts, processes, and strategies associated with supply chain management, managing service organizations, and enterprise systems.~~

~~Business Systems Analysis prepares students for entry-level positions as business systems analysts. Courses in the Business Systems Analysis area of study focus on the analysis, design, and implementation of information technology solutions that support organizations in a global networked environment.~~

**Supply Chain Management prepares students for entry-level positions as supply chain analysts. Courses in the Supply Chain Management area of study focus on the concepts, processes, and strategies associated with supply chain management in today's global economy.**

**Data Analytics prepares students for entry-level positions as business data analysts. Courses in Data Analytics focus on the concepts, techniques, and strategies associated with analyzing large amounts of quantitative and qualitative data to support organizations decision making.**

**Information Technology Management prepares students for entry-level positions as information technology analysts. Courses in the Information Technology Management area of study focus on the analysis, design, and implementation of information technology solutions that support organizations in a global networked environment.**

↓

**Major in Operations and Information Management (B.S.)**

**Business Core (46-50)**

**Requirements in Department (28)**

OMIS 99 - Portfolio (0)

OMIS 300 - Career Planning in Operations and Information Management (1)

~~OMIS 327 - Decision Analysis (3)~~

**OMIS 340 - Supply Chain Management (3)**

~~OMIS 352 - Managing Projects in Business (3)~~

OMIS 442 - Process and Quality Improvement (3)

OMIS 452 - Database Management for Business (3)

**OMIS 455 - Enterprise Resource Planning (3)**

BACCALAUREATE COUNCIL  
First Meeting/2017-18 Academic Year  
September 14, 2017

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

p. 8 of 11

~~OMIS 478 – Supply Chain Systems (3)~~  
~~OMIS 498 – Business Analysis Capstone (3)~~

One of the following areas of study (9) **(12)**

**~~Business Systems Analysis (9)~~**

~~OMIS 460 – Business Computing Environments and Networks (3)~~  
~~OMIS 462 – Business Systems Analysis, Design, and Development (3)~~  
~~OMIS 475 – Internet and Web Computing Technologies (3)~~

**~~Business Process Analysis (9)~~**

~~OMIS 444 – Manufacturing Systems Management (3)~~  
~~OMIS 450 – Service Operations (3)~~  
~~OMIS 480 – Advanced Supply Chain Management (3)~~

**Supply Chain Management (12)**

Four of the following (12)

OMIS 327 - Decision Analysis (3)  
OMIS 444 - Manufacturing Systems Management (3)  
OMIS 450 - Service Operations (3)  
OMIS 478 - Supply Chain Systems (3)  
OMIS 480 - Advanced Supply Chain Management (3)

**Data Analytics (12)**

Four of the following (12)

OMIS 324 - Introduction to Business Data Analytic Tools (3)  
OMIS 472 - Introduction to Business Intelligence (3)  
OMIS 473 - Data Visualization for Business (3)  
OMIS 474 - Digital Analytics (3)  
OMIS 482 - Predictive Business Analytics (3)

**Information Technology Management (12)**

Four of the following (12)

OMIS 352 - Managing Projects in Business (3)  
OMIS 449 - Business Application Development (3)  
OMIS 460 - Business Computing Environments and Networks (3)  
OMIS 462 - Business Systems Analysis, Design, and Development (3)  
OMIS 475 - Internet and Web Computing Technologies (3)

One additional 300- or 400-level OMIS course (3)

**Total Hours for a Major in Operations and Information Management: 74-78**



**Department of Curriculum and Instruction**

**All University Section**

**Limited Admissions and Limited Retention Requirements**

Other Catalog Change

Page 26, 2015-16 Undergraduate Catalog

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

↓

**Elementary Education Major**

**(Department of Curriculum and Instruction)**

The Department of Curriculum and Instruction limits the ... postbaccalaureate students.

A departmental application ... departmental application.

If the requirements ... may apply.

Students who have ... to the program.

Before formally ... which they apply.

ARTE 383, Teaching Art in Elementary Schools (3);

↓

TLEE 282, Educational Participation in Clinical Experiences: Elementary Education (1)

Two additional ... Sociology

Three science courses ... laboratory.

Information regarding ... advisement meetings.

Students who have ... application deadlines:

*Term.....Applications complete by*

Fall..... March 1

Spring..... October 1

NIU students ... admission to the university.

Students must be ... student teaching.

**Department Section**

BACCALAUREATE COUNCIL  
First Meeting/2017-18 Academic Year  
September 14, 2017

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

p. 10 of 11

Other Catalog Change Page 136, 2015-16 Undergraduate Catalog

**(LTIC, LTLA, LTRE, MLTL, TLCI, TLEE)**

~~Admission to the major in elementary education is limited. See “Limited Admission and Limited Retention Requirement” in this catalog.~~

Other Catalog Change Page 136, 2016-17 Undergraduate Catalog

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

↓

The Department of Curriculum and Instruction offers course work in ... .., science education, teacher education, and multicultural education **in addition to course work in curriculum and instruction.**

The department offers the B.S.Ed. degree with **either** a major in elementary education **or a major in middle level teaching and learning**, which meets **State of Illinois approval.**

Candidates who ... .. for licensure.

**COLLEGE OF HEALTH AND HUMAN SCIENCES**

**School of Family and Consumer Sciences**

Course Revisions Page 200, 2016-17 Undergraduate Catalog

FSMD 347. PROFESSIONAL DEVELOPMENT FOR FASHION MERCHANDISING (3). Exploration of ... .. leadership philosophies. PRQ: FSMD 152 with a grade of C or better and FSMD 258 with a grade of C or better, **and declared fashion merchandising major.**

FSMD 356. COOPERATIVE EDUCATION II FOR FASHION MERCHANDISING (4-3). Advanced cooperative work ... .. or equivalent. S/U grading. ~~May be repeated to a maximum of 6 semester hours.~~ PRQ: FSMD **347** 152 with a grade of C or better and FSMD 258 with a grade of C or better, an overall GPA of 2.00 or above, **and** declared fashion merchandising major.

FSMD 474. FASHION MERCHANDISING INTERNSHIP (7). Off-campus ... .. summer session. PRQ: ~~FACNS~~ GPA of 3.00 or above, **and FSMD 347**, ~~and a minimum of 9 semester hours in major, and~~ at least a junior standing and consent of school.

Other Catalog Change Online only, 2017-18 Undergraduate Catalog

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

↓

**Requirements in School**

↓

BACCALAUREATE COUNCIL  
First Meeting/2017-18 Academic Year  
September 14, 2017

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

p. 11 of 11

OR FSMD 356 - Cooperative Education II for Fashion Merchandising Credits: 3  
~~Students must take this course for 3 semester hours.~~

**COLLEGE OF LIBERAL ARTS AND SCIENCES**

**Department of Computer Science**

Other Catalog Change                      2017-18 Undergraduate Catalog

**Certificate of Undergraduate Study**

**Mobile Programming**

This certificate is designed to provide study in programming mobile devices such as the iPhone, iPad, **and** Android phones, ~~and Microsoft phones~~. The certificate is open to ... ..

**Requirements (14 15)**

**CSCI 321 - iOS Mobile Device Programming (4)**

**CSCI 322 - Android Mobile Device Programming (4)**

**CSCI 467 - Introduction to Software Engineering (4)**

One of the following:

CSCI 427 - Advanced iOS Mobile Device Programming (3)

CSCI 428 - Advanced Android Mobile Device Programming (3)

~~Two of the following:~~

~~CSCI 321 - iOS Mobile Device Programming (4)~~

~~CSCI 322 - Android Mobile Device Programming (4)~~

~~CSCI 467 - Introduction to Software Engineering (4)~~