Voting Members Present: A. Ferguson (BUS), N. Andzik (EDU), E. Sebastio (CEDU), R. Caughron (CEDU), M. Vaezi (CEET), J-C Ryu (CEET), A. Saravanan (CHHS), A. McCarthy (CHHS), M. Lenczewski (CLAS), S. Daskel (CLAS), J. Flynn (CLAS); A. Schatteman (CLAS), T. Devroye (CVPA), B. Hart (CVPA), W. Finley (University Libraries), M. Myles (Advising).

Voting Members Absent: S. Ehsani (BUS), T. Jacobsen Gidaszewski (CLAS), L. Derain (CHHS Student); J. Conacher (CLAS Student)

Ex-Officio Non-Voting Members Present: O. Ghrayeb (Senior Vice Provost), E. Armstrong (Student Affairs), M. Lagunas (Admissions Director), Katy Saalfeld (Transfer Coordinator), C. Garvey (Admissions Processing), J. E. Strid (UCIEL), C. Schmitz (Registrar); C. McFarland McKee (Curriculum Coordinator and Catalog Editor).

The Baccalaureate Council meeting was called to order at 12:31 p.m. by Chair Omar Ghrayeb, Senior Vice Provost, Academic Affairs.

I. ADOPTION OF AGENDA – Ghrayeb called for a motion to approve the agenda for May 12, 2022. Ferguson so moved, second by McCarthy. Motion APPROVED unanimously.

II. APPROVAL OF MINUTES – Minutes of the April 14, 2022 meeting were approved electronically as of May 4, 2022, and are available in the Teams folder.

III. ANNOUNCEMENTS

A. Curricular deadlines for Fall 2022 – McFarland McKee shared the curricular deadlines for undergraduate and graduate submissions for Fall 2022 Baccalaureate Council meetings.

IV. DISCUSSION AGENDA

A. Section A

1. College of Business – Ghrayeb called for a motion to discuss and vote on Section IV.A.1 of the agenda. Caughron so moved and Myles seconded. The language of the proposed curricular items had been previously distributed to BC members and was also presented on Teams during the meeting. Caughron noted that all the CBUS submissions were related to the new course FINA 310 and updating other sections of the catalog to incorporate the new course. There being no questions about the proposals, the vote was called and the seven items in Section IV.A.1 from the College of Business were APPROVED unanimously.

CBUS 12 (AY 2021-2022)
• Item CBUS21.12.20 / New Course FINA 310 Financial Statement Analysis – Nonduplication statement in Teams
• Item CBUS21.22.12.01 / Course Revision FINA 330 Corporate Finance – Removing ACCY 306 and adding new FINA 310 to PRQs
• Item CBUS21.22.12.02 / Course Revision FINA 340 Investments – Removing ACCY 306 and adding new FINA 310 to PRQs
• Item CBUS21.22.12.03 / Course Revision FINA 350 Financial Markets and Institutions – Removing ACCY 306 and adding new FINA 310 to PRQs
• Item CBUS21.22.12.21 / Other Catalog Change - Removal of ACCY 306 in Department Requirement
• Item CBUS21.22.12.22 / Other Catalog Change – Addition of new FINA 310 and Removal of ACCY 306 in Department Major Requirements
• Item CBUS21.22.12.23 / Other Catalog Change - Addition of new FINA 310 and Removal of ACCY 306 in Minor Requirements

2. College of Education - Ghrayeb called for a motion to discuss and vote on Section IV.A.2 of the agenda. Caughron so moved and Myles seconded. The language of the proposed curricular item had been previously distributed to BC members and was also presented on Teams during the meeting. Ghrayeb noted that the need for this course had been discussed during an earlier BC meeting, and KNPE was now bringing forward this new course in response to that feedback. Schatteman raised the point that the course being proposed may be repeated for a maximum of 3 semester hours, but the title of the course does not include “Special Topics”. Further discussion and analysis ensued regarding the repeatability of the course and the course prerequisites that students must both be a current student-athlete and obtain consent of the department. Ghrayeb noted that we trust the program and advisors to ensure that the course is only repeated when topics vary, as noted in the course description. There being no further questions or comments about the proposed new course, the vote was called and the item in Section IV.A.2 from the College of Education was APPROVED unanimously.

CEDU 15 (AY 2021-2022)
• Item CEDU21.22.15.02/New Course LESM 362 Name, Image and Likeness for the College Student-Athlete. CEDU has requested inclusion for FA22 as this is a sister course to LESM 462 which was approved for FA22

3. College of Engineering and Engineering Technology - Ghrayeb called for a motion to discuss and vote on Section IV.A.3 of the agenda. Caughron so moved and Flynn seconded. The language of the proposed curricular items had been previously distributed to BC members and was also presented on Teams during the meeting. There being no questions or comments about the submitted items, the vote was called and the five items in Section IV.A.3 from the College of Engineering and Engineering Technology were APPROVED unanimously.

CEET AUDIT (AY 2021-2022)
• Item CEET21.22.AUDIT.05 / Electrical Engineering Revision of Program Educational Objectives
• Item CEET21.22.AUDIT.06 / Engineering Technology Revision of Program Educational Objectives
• Item CEET21.22.AUDT.07 / Industrial & Systems Engineering Revision of Program Educational Objectives
• Item CEET21.22.AUDT.08 / Mechanical Engineering Revision of Program
Educational Objectives

• Item CEET21.22.AUDT.09 / Mechatronics Engineering Revision of Educational Objectives

4. College of Health and Human Sciences - Ghrayeb called for a motion to discuss and vote on Section IV.A.4 of the agenda. Ferguson so moved and Caughron seconded. The language of the proposed curricular item had been previously distributed to BC members and was also presented on Teams during the meeting. There being no questions or comments about the submitted item, the vote was called and the item in Section IV.A.4 from the College of Health and Human Sciences was APPROVED unanimously.

CHHS 21 (AY 2021-2022)
• Item CHHS21.22.21.01 / CR NURS 316 Addition of PRQs.

5. College of Liberal Arts and Sciences - Ghrayeb called for a motion to discuss and vote on Section IV.A.5 of the agenda, Caughron so moved and Flynn seconded. The language of the proposed curricular items had been previously distributed to BC members and was also presented on Teams during the meeting. There being no questions or comments about the submitted items, Ghrayeb called for a vote and the two items in Section IV.A.5 from the College of Liberal Arts and Sciences was APPROVED unanimously.

CLAS 09 (AY2021-2022)
• Item CLAS21.22.21.01 / Other Catalog Change rehousing Certificate of Undergraduate Study in Adolescence to CLAS
• Item CLAS21.22.21.02 / Other Catalog Change moving Certificate of Undergraduate Study in Adolescence from Psychology Department to CLAS

6. College of Visual and Performing Arts - Ghrayeb called for a motion to discuss and vote on Section IV.A.6 of the agenda. Caughron so moved and Devroye seconded. The language of the proposed curricular items had been previously distributed to BC members and was also presented on Teams during the meeting. There being no questions or comments about the submitted items, Ghrayeb called for a vote and the items in Section IV.A.6 from the College of Visual and Performing Arts was APPROVED unanimously.

CVPA 10 (AY2021-2022)
• Item CVPA21.22.10.01 / Other Catalog Change addressing course renumbering and other changes approved at BC Meeting 7 on 04.14.2022

B. Section D

1. University Honors Program - Ghrayeb called for a motion to discuss and vote on Section IV.D.1 of the agenda. Myles so moved and Caughron seconded. The language of the proposed curricular items had been previously distributed to BC members and was also presented on Teams during the meeting. Myles expressed concern about the advising piece of the accelerated program for Honors students and the College of Law. Following discussion, Ghrayeb noted that he would follow up with Andrea Radasanu of University Honors to see how advising is currently
operating. There being no further questions or comments about the submitted item, Ghrayeb called for a vote and the item in Section IV.D.1 from University Honors was APPROVED unanimously.

- Item UHON21.22.02.01/ Other Catalog Change clarifying eligibility of UHP students for accelerated undergraduate degree with the NIU College of Law.

V. UNFINISHED BUSINESS - None

VI. NEW BUSINESS

A. Meeting modality for AY2022-2023 – Ghrayeb noted that this is the last BC meeting for the 2021-2022 academic year, and opened a discussion on meeting modality for the next 2022-2023 academic year by noting that we have two options – BC and continue operating as in the last two years, with meetings on Teams, or can go back to meeting in person.

Caughron noted that he will not be on the BC next year, but he prefers in-person meetings because there is much more participation. Caughron stated he thought the meetings will need to be hybrid. Discussion ensued about the challenges to finding a location where BC can meet in person and also offer that meeting on Teams.

Schatteman noted that there are meeting rooms in Altgeld that have OWL technology and Ghrayeb pointed out that it may be difficult to secure a room in Altgeld that can be used once a month for a three-hour meeting, due to the high demand for Altgeld meeting rooms.

Myles noted that she agrees that there is much richer conversation during in-person meetings as opposed to Teams meetings. Ferguson shared that recently published Microsoft research on team decision making during the pandemic found that there was less discussion, less debate, and fewer differing opinions, leading Microsoft to conclude that their decision making suffered because of the virtual setting.

Flynn commented that he is mostly concerned with the real possibility that there could be another COVID variant spike, and feels that if the decision is made to go back to face-to-face meetings, there should be an option to be remote for those who may be concerned about exposure at in-person meetings.

Ghrayeb noted that if that happens (a spike) it will be very easy to switch back to Teams. Ghrayeb promised that we will do everything possible to go with a hybrid modality but does not want to offer it as an option right now because we are not sure at this point if we can find a room to accommodate the hybrid model on a regular basis.

Strid commented that some may be immunocompromised so we will need to ensure that we accommodate everyone. He also noted that having the meeting online during grading week was helpful, and that even though virtual meeting quality may not be quite as good, having a virtual option certainly helps encourage people to show up when they have different options.

Ghrayeb polled voting members and invited them to share their preferences for future meetings – in-person or virtual. Five members preferred in-person meetings, and six preferred virtual. Ghrayeb noted that the membership is fairly equally divided so we
AGENDA

Baccalaureate Council Meeting
Ninth Meeting/Academic year 2021-22
May 12, 2022

I. ADOPTION OF AGENDA

II. APPROVAL OF MINUTES – Voting required for the minutes from the April 14, 2022, BC meeting if quorum not reached via e-vote.

III. ANNOUNCEMENTS

   A. Curricular deadlines for Fall 2022

IV. DISCUSSION AGENDA

   A. Section A

      1. College of Business

         CBUS 12 (AY 2021-2022)
         • Item CBUS21.22.12.20 / New Course FINA 310 Financial Statement Analysis – Nonduplication statement in Teams
         • Item CBUS21.22.12.01 / Course Revision FINA 330 Corporate Finance – Removing ACCY 306 and adding new FINA 310 to PRQs
         • Item CBUS21.22.12.02 / Course Revision FINA 340 Investments – Removing ACCY 306 and adding new FINA 310 to PRQs
         • Item CBUS21.22.12.03 / Course Revision FINA 350 Financial Markets and Institutions – Removing ACCY 306 and adding new FINA 310 to PRQs
         • Item CBUS21.22.12.21 / Other Catalog Change - Removal of ACCY 306 in Department Requirement
         • Item CBUS21.22.12.22 / Other Catalog Change – Addition of new FINA 310 and Removal of ACCY 306 in Department Major Requirements
         • Item CBUS21.22.12.23 / Other Catalog Change - Addition of new FINA 310 and Removal of ACCY 306 in Minor Requirements

      2. College of Education

         CEDU 15 (AY 2021-2022)
         • Item CEDU21.22.15.02/New Course LESM 362 Name, Image and
Likeness for the College Student-Athlete. CEDU has requested inclusion for FA22 as this is a sister course to LESM 462 which was approved for FA22

3. **College of Engineering and Engineering Technology**

CEET AUDIT (AY 2021-2022)
- Item CEET21.22.AUDIT.05 / Electrical Engineering Revision of Program Educational Objectives
- Item CEET21.22.AUDIT.06 / Engineering Technology Revision of Program Educational Objectives
- Item CEET21.22.AUDT.07 / Industrial & Systems Engineering Revision of Program Educational Objectives
- Item CEET21.22.AUDT.08 / Mechanical Engineering Revision of Program Educational Objectives
- Item CEET21.22.AUDT.09 / Mechatronics Engineering Revision of Educational Objectives

4. **College of Health and Human Sciences**

CHHS 21 (AY 2021-2022)
- Item CHHS21.22.21.01 / CR NURS 316 Addition of PRQs. Includes additional rationale information provided 04.28.2022.

5. **College of Liberal Arts and Sciences**

CLAS 09 (AY2021-2022)
- Item CLAS21.22.21.01 / Other Catalog Change rehousing Certificate of Undergraduate Study in Adolescence to CLAS
- Item CLAS21.22.21.02 / Other Catalog Change moving Certificate of Undergraduate Study in Adolescence from Psychology Department to CLAS

6. **College of Visual and Performing Arts**

CVPA 10 (AY2021-2022)
- Item CVPA21.22.10.01 / Other Catalog Change addressing course renumbering and other changes approved at BC Meeting 7 on 04.14.2022

B. Section D

1. **University Honors Program**

- Item UHON21.22.02.01/ Other Catalog Change clarifying eligibility of UHP students for accelerated undergraduate degree with the NIU College of Law.
V. UNFINISHED BUSINESS - None

VI. NEW BUSINESS

A. Meeting modality for AY2022-2023

VII. ADJOURNMENT
will do our best to find a room that will accommodate a hybrid modality for 2022-2023 BC meetings.

VII. ADJOURNMENT – Ghrayeb thanked members who will not be returning to the BC in the fall, and encouraged members to attend the upcoming commencement. With the Council having completed the agenda items, Ferguson moved to adjourn, seconded by Caughron. The final meeting of the Baccalaureate Council for the academic year 2021-2022 was adjourned at 1:12 p.m. The next meeting of the Baccalaureate Council will be September 8, 2023, at a location to be determined.

Respectfully submitted,

Carol McFarland McKee
Curriculum Coordinator/Catalog Editor
FINA 310 - Financial Statement Analysis

Prerequisites & Notes
PRQ: A grade of C or better in ACCY 206. CRQ: FINA 320.

Credits: 3

RATIONALE: Financial statements contain a wealth of information, and a deep understanding of financial statements is critical to understand and analyze firm performance and risks. The target audience of the proposed class is consumers of financial statements, such as financial analysts, investors, and financial regulators. The emphasis of the proposed class is on the understanding, interpretation, analysis, and comparison of financial statements. Existing accounting courses focus more on the creation and compilation of financial statements and related rules and principles.

In reference to the C or better, the Finance Department requirement states: to graduate as a finance major or minor, a student must earn a grade of at least C in each course required in the major or minor. FINA 310 is added as a requirement to both the finance major and minor. (Change included within this set of minutes.)

Note on Duplication: The Department of Accountancy was contacted and responded the proposed new course does not significantly duplicate a course currently being offered within their department. (See Verification of Non-Duplication of Course Content form.)
**Rationale:** To reflect the concurrently proposed changes to degree requirement. In reference to the C or better, the Finance Department requirement states: To graduate as a finance major or minor, a student must earn a grade of at least C in each course required in the major or minor.

**Course Revision CBUS21.22.12.02** 2022-2023 Online Undergraduate Catalog **LINK**

FINA 340 - Investments

Prerequisites & Notes

PRQ: A grade of C or better in each of the following courses: ACCY 306, FINA 310 and FINA 320.

Credits: 3

**Rationale:** To reflect the concurrently proposed changes to degree requirement. In reference to the C or better, the Finance Department requirement states: To graduate as a finance major or minor, a student must earn a grade of at least C in each course required in the major or minor.

**Course Revision CBUS21.22.12.03** 2022-2023 Online Undergraduate Catalog **LINK**

FINA 350 - Financial Markets and Institutions

Prerequisites & Notes

PRQ: A grade of C or better in each of the following courses: ACCY 306, FINA 310 and FINA 320.

Credits: 3

**Rationale:** To reflect the concurrently proposed changes to degree requirement. In reference to the C or better, the Finance Department requirement states: To graduate as a finance major or minor, a student must earn a grade of at least C in each course required in the major or minor.

**Other Catalog Change CBUS21.22.12.21** 2022-2023 Online Undergraduate Catalog **LINK**

Finance (FINA)

Department Requirements

Satisfactory completion of the finance core (FINA 330, FINA 340, and FINA 350) and ACCY 306 as evidenced by a grade of C or better in each of these courses is required prior to enrolling in any 400-level FINA course.

Internships in Finance
RATIONALE: To reflect the concurrently proposed changes to degree requirement and new course proposal.

Other Catalog Change: CBUS21.22.12.22 2022-2023 Online Undergraduate Catalog LINK

Finance (B.S.)
→ Requirements in Department (28)
  - FINA 310 - Financial Statement Analysis Credits: 3
  - FINA 330 - Corporate Finance Credits: 3
  → FINA 394 - Business Professional Development II Credits: 1
→ Requirements outside Department (3)
  - ACCY 306 - Financial Accounting Information for Business Decisions Credits: 3

TOTAL HOURS FOR A MAJOR IN FINANCE: 80-83

RATIONALE: Finance majors need a better and deeper understanding of financial statements. The emphasis of the proposed class is on the understanding, interpretation, analysis, and comparison of financial statements. Existing accounting courses focus more on the creation and compilation of financial statements and related rules and principles.

Other Catalog Change: CBUS21.22.12.23 2022-2023 Online Undergraduate Catalog LINK

Minor in Finance (24-25)
→ Requirements (18)
  - ACCY 306 - Financial Accounting Information for Business Decisions Credits: 3
  - FINA 310 - Financial Statement Analysis Credits: 3
  - FINA 320 - Principles of Finance Credits: 3
  - FINA 330 - Corporate Finance Credits: 3
  - FINA 340 - Investments Credits: 3
  - FINA 350 - Financial Markets and Institutions Credits: 3

RATIONALE: Finance minors need a better and deeper understanding of financial statements. The emphasis of the proposed class is on the understanding, interpretation, analysis, and comparison of financial statements. Existing accounting courses focus more on the creation and compilation of financial statements and related rules and principles.
COLLEGE OF EDUCATION

KINESIOLOGY AND PHYSICAL EDUCATION

New Course: CEDU21.22.15.02 Undergraduate Catalog 2022-2023

LESM 362 – Name, Image and Likeness for the College Student-Athlete
Semester Hours: 1
CIP Code: 31.0508

COURSE DESCRIPTION TO BE USED IN CATALOG:
Current student-athlete issues related to name, image, and likeness (NIL) within college athletics. Topics will vary, but may include aspects of NIL policies and bylaws, optimizing NIL opportunities for student-athletes, current issues, and future industry trends. May be repeated for a maximum of 3 semester hours when topics vary. PRQ: current student-athlete and consent of department.

RATIONALE: With the recent changes and implementation of name, image, and likeness (NIL) legislation within the college athletics (as well as other policy / bylaw changes), there is a need for a greater understanding of these issues within this sector of the sports industry - specifically for the current student-athlete.

Additionally, this course is also designed to support the educational needs of varsity student-athletes in the new NIL marketplace. This course will potentially leverage the relationship that NIU Athletics has established with COMPASS and their NIL platform, which assists NIU student-athletes in maximizing NIL opportunities. Student-athletes who complete various facets of the COMPASS’ NIL education program may secure academic credit toward the minor (i.e., in the form of LESM 362).

DUPLICATION OF CONTENT:
Since this is a department-specific course, no duplication exists.

COLLEGE OF ENGINEERING

ELECTRICAL ENGINEERING

Other Catalog Change: CEET21.22.AUDIT.05 2022-23 Undergraduate Catalog Link

Electrical Engineering (ELE)
↓
Accelerated B.S./M.S. Sequence
↓
Vision and Mission
↓
Electrical Engineering Program Educational Objectives
Northern Illinois University electrical engineering baccalaureate graduates are trained to begin professional careers that apply a broad base of engineering, science, and communication skills. Graduates demonstrate these skills by:

1. Utilizing concepts learned in electrical engineering in a professional field through
   - Employment in a related field
   - Pursuing advanced studies
   - Adapting to changes in the profession through embracing life-long learning

2. Contributing to the profession through
   - Continued involvement in activities that advance the profession
   - Participating in entrepreneurial endeavors
   - Using their skills ethically for the benefit of society

3. Displaying excellent interpersonal skills through
   - Effectively communicating ideas orally and in writing within and outside the profession
   - Embracing diversity and different points of view
   - Effectively participating in dynamic teams
   - Realizing the importance of satisfying customers and their needs

RATIONALITY: The program educational objectives are being updated to better express the long-term goals of the program.

ENGINEERING TECHNOLOGY (TECH)

As a statement of the career and professional accomplishments that the Department of Engineering Technology is preparing its graduates to achieve, we have adopted the following Program Educational Objectives, in consultation with our alumni, Industrial Advisory Boards, and other program stakeholders.
Electrical Engineering Technology

In three to five years after the completion of the baccalaureate degree, Department of Engineering Technology graduates will:

- Apply engineering knowledge and tools to solve technical problems, design products, and improve processes that can enhance the well-being of society in its economic, social, ethical, and environmental sustainability needs.
- Be effective team members who can lead, collaborate, and communicate effectively with cross-functional teams.
- Become successful professionals and leaders in their fields.
- Pursue professional development through continuing education, industry-specific certifications, and involvement in professional organizations.


In three to five years after the completion of the baccalaureate degree, Department of Engineering Technology graduates will:

- Apply engineering knowledge and tools to solve technical problems, design products, and improve processes that strive to meet the ethical, cultural, and environmental needs of society.
- Be effective team members who can lead, collaborate, and communicate effectively with cross-functional teams.
- Become successful professionals and leaders in their fields.
- Pursue professional development through continuing education, industry-specific certifications, and involvement in professional organizations.

↓

Student Outcomes

Department Requirement

Certificate of Undergraduate Study

Engineering Technology Faculty
Shun Takai, Ph.D., Stanford University, associate professor, Interim Chair
Abul Azad, Ph.D., University of Sheffield (United Kingdom), professor
Liping Guo, Ph.D., Auburn University, associate professor
Theodore J. Hogan, Ph.D., C.I.H., University of Illinois, Chicago, associate professor
Sarveswara (Rao) Kilaparti, Ph.D., Northwestern University, associate professor
Kevin Martin, Ph.D., University of Missouri, Missouri University of Science and Technology, associate professor
William J. Mills, Ph.D., University of Illinois, Chicago, assistant associate professor
Shanthi Muthuswamy, Ph.D., State University of New York at Binghamton, associate professor
RATIONALE: Program Educational Objectives (PEOs) were significantly revised in fall 2021 based on student and Industrial Advisory Board inputs. The current revision is a minor revision of PEO #1 by the EET faculty that needs to be reflected in 2022-2023 catalog to prepare for accreditation by ABET (Accreditation Board for Engineering and Technology) scheduled in fall 2022. This revision is consistent with ABET that encourages each program (emphasis) to develop its own PEOs. If programs adopt same PEOs, faculty of each program needs to separately approve the common PEOs, which was done by other emphases. Please note that I am also including changes on Engineering Technology Faculty (Drs. Guo, Kilaparti, Martin, Mills, Muthuswamy, Otieno, and Schroeder) that were approved in the previous submission but have not yet adopted in 2022-2023 catalog.

INDUSTRIAL AND SYSTEMS ENGINEERING (ISYE)

Other Catalog Change  CEET21.22.AUDIT.07  2022-23 Undergraduate Catalog Link

Industrial and Systems Engineering (ISYE)

Mission

Program Educational Objectives

The department’s undergraduate program provides students with the knowledge, skills, and tools to model systems using mathematics, science, and engineering; to design potential solutions to problems and evaluate their consequences in the broader context of the organization, society and environment; to communicate effectively the benefits of their proposed solutions using written, oral and electronic media; to function effectively in multidisciplinary teams and demonstrate leadership within an organization as a professional and ethical member of society; and to continue self-directed learning for professional and personal development.

The Industrial and Systems Engineering department at Northern Illinois University expects that our graduates will be practicing industrial engineering skills successfully in their respective organizations; continuing self-directed learning for professional and personal development; and demonstrating professionalism, ethics, and leadership within an organization, community, or society, in three to five years following graduation.

Student Outcomes

RATIONALE: The program educational objectives (PEOs) are updated based on the feedback from the
mock ABET visit in January 2022. The new PEOs were sent to our industry advisory board, alumni, and current students for feedback. We received over 35 responses from IAB, alumni and employers, and over 10 responses from current students. The responses were in support of the change.

MECHANICAL ENGINEERING (MEE)

Program Educational Objectives

The undergraduate mechanical engineering program is designed to prepare students for successful careers in engineering by providing them with the following: a balanced education in mechanical engineering fields; a foundational knowledge in mathematics and physical sciences; a broad general education in the humanities/arts, social sciences and interdisciplinary studies; training for effective communication and team work; and an understanding and commitment of an engineer’s professional and ethical responsibilities. Our Program Educational Objectives are based on the needs of the program’s constituencies: employers, alumni, students and faculty. We expect our graduates to attain the following educational objectives within a few three to five years of graduation: 1. to become successful professionals; 2. to successfully apply engineering knowledge and tools to solve technical problems and challenges, and to design and/or manufacture valuable products or processes; 3. to make contributions to their professional fields, exhibit effective communication skills, and become valuable team members; and 4. to continue professional development and assume professional and leadership responsibility.

1. Develop a holistic and practical understanding of what is required to create a viable engineered product, project, or service.
2. Expand expertise in using engineering tools and techniques, beyond the foundational skills learned as an undergraduate, as needed to become a productive practicing engineer.
3. Communicate vital technical information about engineered products to non-engineers.

RATIONALE: The Mechanical Engineering program has revised its Program Educational Outcomes and received approval from its constituencies: faculty, students, alumni, and employers.

INTERDISCIPLINARY COLLEGE ADMINISTERED PROGRAMS

Interdisciplinary College Administered Programs

Mechatronics Engineering (B.S.)
Mission

Mechatronics Engineering Program Educational Objectives

A B.S. in mechatronics engineering will equip students with cross-disciplinary knowledge and training in electrical engineering, computer engineering, mechanical engineering, and control engineering, training them to apply core engineering principles to designing, analyzing and solving complex problems in the Mechatronics related fields. Graduates of this program are expected to have a solid background in mathematics, sciences, and engineering fundamentals. Successful completion of this program should enable the graduates with the ability to seamlessly transition between fields in identifying and solving complex engineering problems. The program curriculum will involve engaged teaching and learning as well as design experience through establishing a synergy between classroom and hands-on laboratory activities. This curriculum has an emphasis on creating, transmitting, expanding, and applying knowledge in the practice of mechatronics engineering in a professional and ethical way, while preparing our graduates to succeed in the industry as well as preparing them for graduate education.

In three to five years after the completion of the baccalaureate degree, Mechatronics Engineering graduates will:

- Be competent mechatronic engineers who are knowledgeable, skillful and able to solve complex engineering problems.
- Have inclination towards research and lifelong learning and be able to promote entrepreneurial ideas.
- Be effective engineers with leadership qualities, high morals, and professional ethics.

Program Learning Outcomes  Student Outcomes

RATIONALE: The updated Program Educational Objectives have been approved by the programs advisory board to better reflect the long-term goals of the program.

COLLEGE OF HEALTH AND HUMAN SCIENCES

SCHOOL OF NURSING

Course Revision  CHHS21.22.21.01  Online 2022-2023 Undergraduate Catalog LINK

NURS 316 - Pharmacology (3)
Application of general principles of pharmacology as they relate to safe, quality, patient-centered and evidence-based nursing care of individuals. Focus on developmentally and culturally appropriate interventions. Emphasis on safety, critical thought, and quality improvement factors in the administration of medications. PRQ: NURS 303, NURS 304, NURS 305, NURS 307, NURS 308 CRQ: NURS 315.
RATIONALE:
The course was moved to earlier in the program and therefore it necessitated a change to the PRQ. These pre-requisites will better prepare students to be successful in NURS 316.

Additional rationale information provided 04.28.2022: NURS 316 (Pharmacology) is being moved to the second track, because that is where NURS 315, Adult Health Across the Lifespan I (Medical-Surgical Nursing I) and NURS 313 (Adult Health Across the Lifespan I Clinical) are, which is when students first tackle the management/treatment (which includes pharmacotherapeutics) of diseases in the program. Previously, it was in the 3rd track, where the second Medical Surgical Nursing course and clinical are. That is too late in the program. NURS 316 switched places with NURS 317 (NURS 312 in the current/old curriculum) - the Nursing Research class. NURS 316 thus took the PRQs of NURS 312.

COLLEGE OF LIBERAL ARTS AND SCIENCES

Other Catalog Change CLAS21.22.09.01 2022-23 Undergraduate Online Catalog LINK

College of Liberal Arts and Sciences

Programs

Certificate of Undergraduate Study
- Adolescence (12)
- Asian American Studies (12)
- Black Studies (12)
- Film and Television Studies (15)

Interdisciplinary Concentration
- Concentration in Medieval Studies

Rationale: Rehoming of the Certificate of Undergraduate Study in Adolescence to the College of Liberal Arts and Sciences.

Other Catalog Change CLAS21.22.09.02 2022-23 Undergraduate Online Catalog LINK

Adolescence (12)

Certificate of Undergraduate Study
Coordinator: Nina Mounts, Department of Psychology
This interdisciplinary certificate is intended to provide broad background in the area of adolescence and is offered through Northern Illinois University’s Collaborative on Early Adolescence (NIU-CEA) the College of Liberal Arts and Sciences. The certificate is designed to complement undergraduate course work in a variety of majors. It is open to all NIU undergraduates who maintain a good academic standing in the university. A minimum grade of C in all certificate courses is required. All certificate courses must be completed within six calendar years. Students must complete a minimum of 12 semester hours. Courses must be taken in at least two departments. Some courses may have prerequisites that are not part of the certificate course work. In some cases, these prerequisites can be waived by the department offering the course for students pursuing the certificate. With the approval of the major department, courses used to satisfy requirements of the certificate may also be applied toward an undergraduate major. Students are encouraged to meet with the Director of the Collaborative on Early Adolescence certificate coordinator early in planning their course work for the certificate.

Rationale: The Psychology Department Undergraduate Curriculum Committee agrees that the Certificate of Undergraduate Study in Adolescence program at NIU should be rehoused to CLAS. The certificate program was part of the Collaborative on Early Adolescence. The Collaborative on Early Adolescence was defunded a number of years ago and, as a result, the certificate program is an orphan. The certificate program, however, has been maintained by faculty in the Department of Psychology since that time. Approximately 11-12 students per year have received the certificate since 2016.

COLLEGE OF VISUAL AND PERFORMING ARTS

SCHOOL OF MUSIC

Other Change Proposal: CVPA21.22.10.01 2022-23 Undergraduate Catalog LINK

Music (B.A.)

Admission to the program is by audition for the traditional option or by portfolio and interview for the world music option. Elective courses under this program should be chosen in consultation with the student’s adviser.

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

Check departmental information for any additional requirements.

Requirements in School (48)
• MUSC 99 - Recital Attendance Credits: 0
• MUSP 101 - Beginning Group Piano Credits: 1
• MUTC 100 - Music Theory Fundamentals Credits: 2
• MUTC 101 - Music Theory I Credits: 2
• MUTC 103 - Aural Skills I Credits: 2
• MUTC 105 - Contemporary Aural Skills I Credits: 2
• MUTC 206 - Contemporary Music Theory Credits: 2
• MUTC 207 - Contemporary Aural Skills II Credits: 2
• MUTC 244 302 - Introduction to Electronic and Computer Music I Credits: 2
• MUTC 344 325 - Songwriting Credits: 2
• MUSC 399A - Senior Recital Credits: 0

Historical component-Select three from the following: (9)

• MUHL 220 - Introduction to Western Musical Traditions Credits: 3
  Available for General Education Credit in the Creativity and Critical Analysis Knowledge Domain.
• MUHL 221 - Introduction to Jazz Music Credits: 3
  Available for General Education Credit in the Creativity and Critical Analysis Knowledge Domain.
• MUHL 222 - World Music and Culture Credits: 3
  Available for General Education Credit in the Creativity and Critical Analysis Knowledge Domain.
  OR MUHL 326 – Survey of World Music Credits: 3
  OR ANTH 326X – Survey of World Music Credits: 3
  MUHL 326/ANTH 326X also satisfy the Human Diversity Requirement

• MUHL 223 - History of Rock Credits: 3
  Available for General Education Credit in the Creativity and Critical Analysis Knowledge Domain.

Applied Music Requirement (8)

Students must choose from one of the following options:

World Music Option:
World Music Ensembles (8 credits from MUSE 321, 325, 370, 372, 373 or 375, must be enrolled in 2 consecutive semesters for an ensemble to count.)

Traditional Option:
Private keyboard, instrumental, or voice study (4 credits in MUSP)
AND Ensembles (4 credits in MUSE playing the MUSP instrument studied.)
**Electives (14)**

Choose 14 credits of music electives from MUTC, MUSP, MUED, MUSE, or MUHL.

For students interested in recording arts, the following set of electives is recommended: MUTC 214, 314, 215, 315, 316, 223, 323, 224, 324, 400 and 401.

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

- Fulfillment of B.A. foreign language requirement (0-12)
  
  (See “Foreign Language Requirement for the B.A. Degree” in the Other Graduation Requirements section of this catalog.)

**TOTAL HOURS FOR A MAJOR IN MUSIC (B.A.): 48-60**

**General Education Requirements (15-27)**

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

**Foundational Studies (0-12)**

- Writing Requirement (0-6)
- Oral Communication Requirement (0-3)
- Quantitative Literacy Requirements (0-3)

For additional information about these requirements, please visit Foundational Studies.

**Knowledge Domain Requirements (15)**

**Creativity and Critical Analysis (0)**

- The program requirement to choose three from MUHL 220, 221, 222 or 223 fulfills the two required courses for this knowledge domain.

**Nature and Technology (6)**

- Two 3-credit courses selected from approved general education list. Nature and Technology Course List.
Society and Culture (6)

- Two 3-credit courses selected from approved general education list. Society and Culture Course List.

Knowledge Domain Elective (3)

- One 3-credit course selected from approved general education list.

Graduation Requirements (6-9)

In addition to completing the above major requirements, students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Requirement (0-3)

One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List.

Writing Infused Requirements (6)

Two courses from the approved Writing Infused course list. Writing Infused Course List.

Upper-Division Courses

A minimum of 40 semester hours of the total number must be in courses numbered at the 300 and/or 400 level. These must include at least 12 semester hours of major departmental courses taken at NIU.

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS: 21-36
TOTAL HOURS FOR ELECTIVES: 24-51
TOTAL HOURS FOR A B.A. DEGREE IN MUSIC: 120

Rationale:

1) Course Renumbering: Rationale from the course renumbering proposal for MUTC requirements in the BA degree. MUTC 211 is becoming MUTC 302; MUTC 314 is becoming MUTC 325.
   The School of Music needs to renumber these courses to better reflect the progression through our new B.A. program with an emphasis in recording arts. As our student population is increasingly coming into the program with prior experience and knowledge of the technologies that are used in this coursework, we no longer feel the courses should be at the
200 level. High school students now often have familiarity with music and video production, so this progression matches the skill sets we are seeing in our applicants. We have already evolved the course content, and our student learning outcomes have evolved and now reflect a level of mastery in line with other 300 level courses. Students applying to the program are asked to present a digital portfolio of their prior work, so the program is evolving as fast as we can with the changing nature and access to this dynamic field. Note: these courses can be repeated if a student has taken the course at the 200 level/under the old number and needs to repeat the course at the 300 level.

2) Historical component requirements: MUHL 326 was left off the original submission for the degree requirements; we already consider this substitution in advising, so adding this to the catalog language of degree requirements just clarifies current practice.

3) Applied Music requirements: MUSE 321 was left off the original submission for the degree requirements; we already consider this substitution in advising, so adding this to the catalog language of degree requirements just clarifies current practice.

4) Electives requirement: MUSE electives can count but were left off the original submission for the degree requirements; we already consider this substitution in advising, so adding this to the catalog language of degree requirements just clarifies current practice.

5) We have added a statement that reinforces the requirement of at least 40 credits at the 300 level or above are required for the bachelor’s degree to assist students with tracking their progress towards the degree and to guide advising sessions.
University Honors Program

Graduation with UHP recognition frequently gives 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. In particular, the UHP has preferred admission agreements with several NIU graduate programs and the College of Law. The following is a current list of partners:

- Accelerated B.A. or B.S./J.D. Undergraduate Program and the College of Law*
- Accelerated B.S. or B.A./M.A. Program in Political Science
- Accelerated B.S./M.S. in Electrical Engineering
- Accelerated B.S./M.S. in Industrial and Systems Engineering
- Accelerated B.S./M.S. in Mechanical Engineering
- Global MBA
- M.A. Communicative Disorders Specialization in Speech-Language Pathology
- M.A. in Sociology
- Master of Accountancy (MAC)
- M.P.A. in Public Administration
- M.S.Ed. in Adult and Higher Education
- M.S.Ed. in Early Childhood Education
- M.S.Ed. in Educational Research and Evaluation
- M.S.Ed. in Kinesiology
- M.S.Ed. in Special Education
- M.S.Ed. in Sport Management
- M.S. in Computer Science
- M.S. in Data Analytics
- M.S. in Industrial Management
- M.S. in Management Information Systems
- M.S. in Nursing Education; D.N.P./Doctor of Nursing Practice
- M.S. in Nutrition and Dietetics
- M.S. in Rehabilitation Counseling
- M.S. in Statistics
- M.S. or Ph.D. in Chemistry

Please consult the specific catalog section of each program for additional details.

*Consistent with the American Bar Association requirements, for students to take advantage of this
opportunity they must submit an application for review, successfully complete a minimum of \( \frac{3}{4} \) of their undergraduate course work, and earn a score on the LSAT at or above the 50th percentile of the previous year’s matriculating law class. UHP students in good standing in the program who are not pursuing a major with an existing accelerated program agreement with the NIU College of Law are eligible for this accelerated program.

Rationale:

The UHP would like to clarify eligibility of UHP students who can take advantage of the accelerated undergraduate degree with the NIU College of Law. The intention of the existing agreement between the UHP and the College of Law is, as stated in the College of Law catalog, that “All students in good standing in the University Honors program are eligible to participate in the accelerated degree program.” It continues: “The six-year integrated sequence leads to either the B.A. or B.S. in your undergraduate major and a J.D. degree.”

The purpose of the proposed clarifying language in the NIU undergraduate catalog is to provide Records and Registration with the rationale to code students appropriately. For all the other accelerated programs, there is language under the respective major that provides this rationale in the undergraduate catalog.
FINA 430 - Treasury and Credit Management

Prerequisites & Notes
PRQ: Satisfactory completion of the finance core (FINA 330, FINA 340, and FINA 350) and ACCY 306 and MGMT 335 and MKTG 295 and OMIS 338 for all business majors; or consent of department for non-business FINA minors.

Credits: 3

Rationale: To reflect the concurrently proposed changes to degree requirement.

FINA 435 - Introduction to FinTech

Prerequisites & Notes
PRQ: Satisfactory completion of the finance core (FINA 330, FINA 340, and FINA 350) and ACCY 306 and MGMT 335 and MKTG 295 and OMIS 338 for all business majors; or consent of department for non-business FINA minors.

Credits: 3

Rationale: To reflect the concurrently proposed changes to degree requirement.

FINA 440 - Security Analysis and Portfolio Management

Prerequisites & Notes
PRQ: Satisfactory completion of the finance core (FINA 330, FINA 340, and FINA 350) and ACCY 306 and MGMT 335 and MKTG 295 and OMIS 338 for all business majors; or consent of department for non-business FINA minors.

Credits: 3

Rationale: To reflect the concurrently proposed changes to degree requirement.
FINA 445 - Security Analysis Practicum
↓
Prerequisites & Notes
PRQ: Satisfactory completion of the finance core (FINA 330, FINA 340, and FINA 350) and ACCY 306 and MGMT 335 and MKTG 295 and OMIS 338 for all business majors, and consent of department. Student must meet the prerequisites, apply through the department, and be interviewed.

Credits: 3

Rationale: To reflect the concurrently proposed changes to degree requirement.

FINA 450 - Commercial Bank Management
↓
Prerequisites & Notes
PRQ: Satisfactory completion of the finance core (FINA 330, FINA 340, and FINA 350) and ACCY 306 and MGMT 335 and MKTG 295 and OMIS 338 for all business majors; or consent of department for non-business FINA minors.

Credits: 3

Rationale: To reflect the concurrently proposed changes to degree requirement.

FINA 455 - Analysis of Derivative Securities
↓
Prerequisites & Notes
PRQ: Satisfactory completion of the finance core (FINA 330, FINA 340, and FINA 350) and ACCY 306 and MGMT 335 and MKTG 295 and OMIS 338 for all business majors; or consent of department for non-business FINA minors.

Credits: 3

Rationale: To reflect the concurrently proposed changes to degree requirement.

FINA 458 - Internship in Finance
Prerequisites & Notes
PRQ: Satisfactory completion of the finance core (FINA 330, FINA 340, and FINA 350) ACCY 306 and consent of department. Student must meet the prerequisites, apply through the department, and have substantiating documents approved.

Credits: 3

*Rationale: To reflect the concurrently proposed changes to degree requirement.*

Course Revision   CBUS21.22.12.11  2022-2023 Online Undergraduate Catalog  [LINK](#)

FINA 460 - Analysis of Fixed Income Securities
↓
Prerequisites & Notes
PRQ: Satisfactory completion of the finance core (FINA 330, FINA 340, and FINA 350) and ACCY 306 and MGMT 335 and MKTG 295 and OMIS 338 for all business majors; or consent of department for non-business FINA minors.

Credits: 3

*Rationale: To reflect the concurrently proposed changes to degree requirement.*

Course Revision   CBUS21.22.12.12  2022-2023 Online Undergraduate Catalog  [LINK](#)

FINA 465 - Internal Review for Financial Institutions
↓
Prerequisites & Notes
PRQ: Satisfactory completion of the finance core (FINA 330, FINA 340, and FINA 350) and ACCY 306 and MGMT 335 and MKTG 295 and OMIS 338 for all business majors; or consent of department for non-business FINA minors.

Credits: 3

*Rationale: To reflect the concurrently proposed changes to degree requirement.*

Course Revision   CBUS21.22.12.13  2022-2023 Online Undergraduate Catalog  [LINK](#)

FINA 470 – International Finance
↓
Prerequisites & Notes
PRQ: Satisfactory completion of the finance core (FINA 330, FINA 340, and FINA 350) and ACCY 306 and MGMT 335 and MKTG 295 and OMIS 338 for all business majors; or consent of department for non-business FINA minors.
Credits: 3

**Rationale:** To reflect the concurrently proposed changes to degree requirement.

**Course Revision**  CBUS21.22.12.14  2022-2023 Online Undergraduate Catalog  [LINK](#)

FINA 474 - Financial Risk Management

↓
Prerequisites & Notes
PRQ: Satisfactory completion of the finance core (FINA 330, FINA 340, and FINA 350) and ACCY 306 and MGMT 335 and MKTG 295 and OMIS 338 for all business majors; or consent of department for non-business FINA minors.

Credits: 3

**Rationale:** To reflect the concurrently proposed changes to degree requirement.

**Course Revision**  CBUS21.22.12.15  2022-2023 Online Undergraduate Catalog  [LINK](#)

FINA 475 - Financial Modeling

↓
Prerequisites & Notes
PRQ: Satisfactory completion of the finance core (FINA 330, FINA 340, and FINA 350) and ACCY 306 and MGMT 335 and MKTG 295 and OMIS 338 for all business majors; or consent of department for non-business FINA minors.

Credits: 3

**Rationale:** To reflect the concurrently proposed changes to degree requirement.

**Course Revision**  CBUS21.22.12.16  2022-2023 Online Undergraduate Catalog  [LINK](#)

FINA 480 - Programming for Finance

↓
Prerequisites & Notes
PRQ: Satisfactory completion of the finance core (FINA 330, FINA 340, and FINA 350) and ACCY 306 and MGMT 335 and MKTG 295 and OMIS 338 for all business majors; or consent of department for non-business FINA minors.

Credits: 3

**Rationale:** To reflect the concurrently proposed changes to degree requirement.

**Course Revision**  CBUS21.22.12.17  2022-2023 Online Undergraduate Catalog  [LINK](#)
FINA 485 - Cases in Financial Decision Making

Prerequisites & Notes
PRQ: Satisfactory completion of the finance core (FINA 330, FINA 340, and FINA 350) and ACCY 306 and MGMT 335 and MKTG 295 and OMIS 338 for all business majors; or consent of department for non-business FINA minors.

Credits: 3

Rationale: To reflect the concurrently proposed changes to degree requirement.

Course Revision CBUS21.22.12.18 2022-2023 Online Undergraduate Catalog LINK

FINA 490 - Finance Research Seminar

Prerequisites & Notes
PRQ: Satisfactory completion of the finance core (FINA 330, FINA 340, and FINA 350) and ACCY 306 and MGMT 335 and MKTG 295 and OMIS 338 for all business majors; or consent of department for non-business FINA minors. The course can be repeated for a total of 9 semester hours when topics vary.

Credits: 3

Rationale: To reflect the concurrently proposed changes to degree requirement.

Course Revision CBUS21.22.12.19 2022-2023 Online Undergraduate Catalog LINK

FINA 495 - Independent Study in Finance

Prerequisites & Notes
PRQ: Satisfactory completion of the finance core (FINA 330, FINA 340, and FINA 350) ACCY 306, minimum cumulative NIU GPA of 3.10, and consent of department. Student must meet the prerequisites and obtain a faculty member willing to oversee the independent study.

Credits: 1-3

Rationale: To reflect the concurrently proposed changes to degree requirement.