

BACCALAUREATE COUNCIL
Second Meeting/2021-22 Academic Year
November 11, 2021

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COLLEGE OF ENGINEERING AND ENGINEERING TECHNOLOGY

ENGINEERING TECHNOLOGY

Other Catalog Change **CEET21.22.06.01** Undergraduate Catalog [Link](#)

Emphasis 1. Electrical Engineering Technology

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Requirements in Department (67-68)

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Select five of the following (15-16)

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Select three of the following (9)

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Requirements outside Department (30-31)

- PHYS 211 - General Physics II Credits: 4
- OR TECH 175 - Electricity and Electronics Fundamentals Credits: 3
- AND TECH 175A - Electricity and Electronics Fundamentals Laboratory Credits: 1

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Total Hours for Emphasis 1, Electrical Engineering Technology: 100-102

Rationale:

TECH 270 and TECH 277 have PHYS 211 or both TECH 175 and 175A as prerequisites; however, TECH 175 and TECH 175A are not required for Electrical Engineering Technology students. We are adding TECH 175 and 175A in the catalog to give students an option to use TECH 175 and 175A for prerequisites of TECH 270 and TECH 277.

Additional Rationale Added via email on 11.02.2021

If students take TECH 175/175A instead of PHYS 211, through academic advising, faculty advisors will make sure that students will not come short of General Education requirements.

COLLEGE OF HEALTH AND HUMAN SCIENCES

SCHOOL OF FAMILY AND CONSUMER SCIENCES

Other Catalog Change **CHHS21.22.04.01** [LINK](#) 2021-2022 Undergraduate Catalog

Family and Consumer Sciences (FACS, FSMD, GERO, HDFS, HOSP)

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Minor

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- [General Minor in Family and Consumer Sciences \(18\)](#)
- [Minor in Family and Child Studies \(21\)](#)
- [Minor in Fashion Merchandising \(19\)](#)
- [Minor in Gerontology \(18-19\)](#)
- [Minor in Financial Counseling \(21-22\)](#)

Minor in Financial Counseling (21-22)

Requirements (15)

- HDFS 180 - Personal Development and the Family Credits:3
- HDFS 207 - The Consumer Credits: 3
- HDFS 343 - Family Financial Planning Credits: 3
- HDFS 344 - Financial Counseling and Consumer Credit Credits: 3
- HDFS 487 – Intro to Marriage and Family Therapy Credits: 3

OR COUN 400 - Exploration in Counseling Profession Credits: 3

OR REHB 493 – Counseling in Rehabilitation Services Credits: 3

Pick two of the following (6-7):

- GERO 415 - Financial Dimensions of Aging and the Family Credits: 3
- ACCY 288 – Fundamentals of Accounting Credits: 3
- ECON 260 – Principles of Microeconomics Credits: 3
- **STAT 100 – Basic Statistics Credits: 3**

OR UBUS 223 – Introduction to Business Statistics Credits: 3

OR STAT 200 – Elementary Statistics Credits: 4

***A minimum of six semester hours in the minor must be taken at NIU.**

RATIONALE:

REHB 493 is listed as an option to provide more flexibility. The content of this course targets the same competencies as other options that are acceptable for the minor.

STAT 100, UBUS 223, STAT 200 are listed in the category of Pick two of the following is to solve the problem of hidden pre-req for HDFS 343. The content of these courses targets the same competencies as other options that are acceptable for the minor.

“A minimum of six semester hours in the minor must be taken at NIU.” This statement is added to inform students of NIU policy that prevents students declaring the minor without taking any course at NIU.

The credit hours were updated from 21 to 21-22 because one of the added optional courses is 4 credit hours, not 3 credit hours.

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SCHOOL OF HEALTH STUDIES

New Course **CHHS21.22.04.02** [Link](#) 2021-2022 Undergraduate
Catalog

CIP CODE: 51.10

AHLS 448. Introduction to Research in Medical Laboratory Sciences
Research design and proposal in medical laboratory and clinical/biomedical settings.
Focus on design and critique of scientific articles and research projects.

PRQ: STAT 100 or STAT 200 or UBUS 223; and admission to MLS program.

Credits: 3

RATIONALE:

This course AHLS 448 is being added in place of HSCI 460 which is being deleted for this major. AHLS 448 will be specifically geared for medical laboratory sciences discipline with emphasis on research design and proposal related to medical laboratory sciences program.

COLLEGE OF LIBERAL ARTS AND SCIENCES

ALL UNIVERSITY SECTION

Other Catalog Change **CLAS21.22.03.01** 2021-22 Undergraduate Online Catalog [LINK](#)

Writing Infused Courses

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List of Writing Infused Courses

- ACCY 375 - Accountancy Writing Lab Credits: 1
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- SOCI 482 - Sociology of Death and Dying Credits: 3
- **SOCI 484 - Rethinking Justice: Alternatives to the Traditional Court System Credits: 3**
- SOCI 485 - Law and Society Credits: 3
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- WGSS 350 - Lesbian, Gay, Bisexual, and Transgender Studies Credits: 3
WGSS 350 is available for general education credit.

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WGSS 350 fulfills the Human Diversity Requirement.
This is a society and culture general education course for the Social Justice and Diversity Pathway.

Rationale: Addition of SOCI 484 to the writing infused course list.

Center for Latino and Latin American Studies

Other Catalog Change **CLAS21.22.03.02** 2021-22 Undergraduate Online Catalog [LINK](#)

Minor in Latino/Latin American Studies (18)

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Requirements (18)

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Four of the following (12)

- ANTH 404 - Peoples and Cultures of the Caribbean Credits: 3
 - OR BKST 404X - Peoples and Cultures of the Caribbean Credits: 3
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- LATS 400 - Special Topics in Latino and Latin American Studies Credits: 3
- LATS 496 - Internship in Latino and/or Latin American Studies Credits: 1-3
- LATS 497 - Independent Study in Latino and/or Latin American Studies Credits: 1-3
- LTIC 301 - Teaching with a Multicultural Perspective Credits: 3
- ↓
- SOCI 379 - Collective Behavior and Social Movements Credits: 3

Rationale: Addition of new LATS courses to the minor. The courses are centered on, through various disciplinary approaches, Latin America and the Caribbean. These courses are relevant to and offer detailed knowledge on Latin America and the Caribbean.

Department of Economics

New Course **CLAS21.22.03.03** 2021-22 Undergraduate Online Catalog

CIP Code: 11.0701 **Course Component: LEC**

ECON 391 - Introduction to Quantitative Economics

Numerical optimization; the computation of economic equilibria; visualization of economic data; and the simulation and calibration of economic models. Includes one or more computer languages widely used in economics, and students will be required to write their own computer programs to solve homework problems. Strongly recommended that students have basic

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knowledge of matrix algebra (matrix addition, multiplication and inversion) and have some experience with computer programming (any language).

Prerequisites & Notes:

PRQ: ECON 261; ECON 360 or ECON 393; MATH 211 or MATH 229; and STAT 200 or STAT 300 or UBUS 223.

Rationale: Although skills in these quantitative methods are valuable in preparing economics students for analytical positions in the working world, the Department does not offer an undergraduate course teaching these methods.

Non-Duplication: The Departments of Computer Science, Industrial and Systems Engineering, Mathematical Sciences, Mechanical Engineering, Operations Management and Information Systems, Physics, and Statistics and Actuarial Science were consulted with regard to this course and have indicated there is no significant duplication with any of their current course offerings.

Other Catalog Change **CLAS21.22.03.04** 2021-22 Undergraduate Online Catalog [LINK](#)

Economics (B.A. or B.S.)

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

For the B.A. degree

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For the B.S. degree

- ~~CSCI 210 - Elementary Programming Credits: 4~~
 - ~~OR~~ CSCI 240 - Computer Programming in C++ Credits: 4
 - **OR ECON 391 - Introduction to Quantitative Economics Credits: 3**

One of the following groups (11)

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Rationale: The revised requirements will allow students in our B.S. in Economics major to take ECON 391 – Introduction to Quantitative Economics to satisfy the computing requirement for the major. Students will continue to have the option of taking CSCI 240 to satisfy the requirement, but we are dropping CSCI 210 (which has not been offered by Computer Science in recent years) from the computing requirement list. The new course, which is tailored for economics majors, will provide students with computational skills that are useful for analytical positions in the working world.

Other Catalog Change **CLAS21.22.03.05** 2021-22 Undergraduate Online Catalog [LINK](#)

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Economics (B.A. or B.S.)

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Emphasis 1. Financial Economics (B.S. only) (49 50-52)

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Requirements in Department (35-37)

- ECON 260 - Principles of Microeconomics Credits: 3
Available for ~~g~~General ~~e~~Education credit in the Society and Culture Domain.
- ECON 261 - Principles of Macroeconomics Credits: 3
Available for ~~g~~General ~~e~~Education credit in the Society and Culture Domain.
- ECON 290 - Economic Data Analysis with Excel Credits: 1
 - OR OMIS 324 - Introduction to Business Data Analytic Tools Credits: 3
 - OR STAT 324X - Introduction to Business Data Analytic Tools Credits: 3
- **ECON 340 - Financial Economics**
- ECON 360 - Intermediate Microeconomics Credits: 3
- ECON 361 - Intermediate Macroeconomics Credits: 3
- ~~ECON 370 - Current Economic Issues Credits: 3~~
- ECON 390 - Basic Econometrics and Economic Applications Credits: 3
- ECON 390A - Basic Econometrics Laboratory Credits: 1
- ECON 393 - Introduction to Mathematical Methods in Economics Credits: 3
- **ECON 442 - Introduction to Financial Engineering**
- ~~ECON 489 - Seminar in Economic Analysis Credits: 3~~
- ECON 490 - Economic Statistics and Econometrics Credits: 3
 - ↓
 - Recommended: ECON 460X - Financial Derivatives Credits: 3
 - OR ACSC 460 - Financial Derivatives Credits: 3

Requirements outside Department (14-15)

- CSCI 240 - Computer Programming in C++ Credits: 4
 - **OR ECON 391 - Introduction to Quantitative Economics Credits: 3**
- MATH 229 - Calculus I Credits: 4
Available for Foundational Studies Quantitative Literacy Requirement.
- MATH 230 - Calculus II Credits: 4
- STAT 300 - Introduction to Probability and Statistics Credits: 3
Available for Foundational Studies Quantitative Literacy Requirement. This course will not meet the Foundational Studies Quantitative Literacy Requirement without additional course requirements being met.

Total Hours for Emphasis 1, Financial Economics: 49 50-52 (B.S only)

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TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS, EMPHASIS 1: 21-33 (B.S.)

TOTAL HOURS FOR ELECTIVES, EMPHASIS 1: 35-49 **50(B.S.)**

TOTAL HOURS FOR A B.S. DEGREE IN ECONOMICS, EMPHASIS 1 (120)

Rationale: Last year two new courses in financial economics were added to the catalog. The changes shown below in the catalog text corrects the requirements for the Emphasis in Financial Economics so that the requirements reflect the new course numbers and names:

- 1) The requirement to complete ECON 370 should be changed to a requirement to complete ECON 340; and
- 2) The requirement to complete ECON 489 should be changed to a requirement to complete ECON 442.

The revised requirements will allow students in our B.S. in Economics major to take ECON 391 – Introduction to Quantitative Economics to satisfy the computing requirement for the major (and emphasis). Students will continue to have the option of taking CSCI 240 to satisfy the requirement. The new course, which is tailored for economics majors, will provide students with computational skills that are useful for analytical positions in the working world.

Other Catalog Change **CLAS21.22.03.06** 2021-22 Undergraduate Online Catalog [LINK](#)

Economics Degree with Honors

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- A minimum GPA of 3.00 in all work.
- A 3.50 GPA or above in economics courses.
- Completion of all requirements for an economics major
- A score of 90% or higher on the capstone research paper, ~~which can be satisfied in ECON 492 or with the permission of the Undergraduate Director when taking ECON 492 is not possible, a grade of 90% or higher in ECON 498 or ECON 497.~~

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Rationale: The suggested change corrects the language in the Undergraduate Catalog. The revised language clarifies that all capstone research papers, regardless of the course in which they are written, must earn a score of at least 90% for the student to qualify for Honors in Economics.

Department of Sociology

New Course **CLAS21.22.03.07** 2021-22 Undergraduate Online Catalog [LINK](#)

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CIP Code: 45.1101 Course Component: LEC

SOCI 387 - Torture and Police Violence

Examination of torture and illegal police violence at the individual, organizational, and societal levels. Topics include the history of torture and police violence, the theoretical explanations of torture and police violence, the effects of torture and police violence on survivors and communities, and the possible solutions to prevent and abolish the problem of torture and police violence.

Prerequisites & Notes

PRQ: SOCI 170 or SOCI 250 or SOCI 260 or SOCI 270; or consent of department.

Credits: 3

Rationale: Torture and police violence are timely and important topics, and stories about the excessive use of violence by the police and the Black Lives Matter movement are often in the news. Understanding how and why torture and police violence occur is an important first step in preventing it. The course has important pedagogical outcomes as well: it teaches students how to apply theories to specific cases, how to integrate sociological knowledge with knowledge from other disciplines, and how to present ideas through oral presentations and written analyses.

Non-Duplication: The Departments of Anthropology, History, Nonprofit and NGO Studies, Philosophy, and Political Science were consulted with regard to this course and have indicated there is no significant duplication with any of their current course offerings.

New Course **CLAS21.22.03.08**

2021-22 Undergraduate Online Catalog LINK

CIP Code: 45.1101 Course Component: LEC

SOCI 484 - Rethinking Justice: Alternatives to the Traditional Court System

Sociological examination of problem-solving courts (mental health courts, veteran courts, and drug courts) serving as alternatives to the traditional court system. Focus on philosophical and historical backgrounds of these courts in comparison to the traditional court system, as well as the theoretical explanations for these non-traditional court systems.

Prerequisites & Notes

PRQ: SOCI 300; and SOCI 288 or SOCI 381. CRQ: SOCI 301 or SOCI 302; SOCI 377A or SOCI 377B; or consent of department.

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Rationale: Over the last forty years, over 3,000 problem-solving courts have opened across the United States. Additionally, the topic is a very timely one given the increasingly known negative consequences of the traditional justice system and the more recent popularity of the alternative justice systems as a means to repair harm to the community, keep the offender integrated into the community, and lower the costs of imposing sanctions. This course content will also help our students who are pursuing careers in the justice system (such as probation officers) and those seeking careers focused on research in criminology. New and substantively-relevant courses are needed in our Criminology emphasis in Sociology B.A./B.S. program and the Criminology certificate. This course would meet requirements for both the Criminology emphasis in Sociology B.A./B.S. program and the Criminology certificate, as well as provide community engagement for students to conduct and gain skills in research.

Non-Duplication: The Departments of Anthropology, History, Nonprofit and NGO Studies, Philosophy, and Political Science were consulted with regard to this course and have indicated there is no significant duplication with any of their current course offerings.