

Office of the Provost

Office of the Provost

Provost - Teaching and Learning

Certificate

Entrepreneurship and Innovation Certificate

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Earn a credential in entrepreneurship, similar to a minor.

Complete five courses, some of which may overlap with requirements in your major.

PURPOSE

The Certificate in Entrepreneurship and Innovation Program empowers students to turn their innovative ideas into action. In this flexible program designed to complement any major, students will:

- Learn how to evaluate and launch new venture opportunities
- Develop viable business models through market research and financial analyses
- Acquire the business literacy and professional skills demanded by today's employers

ELIGIBILITY

Similar to a minor, the program is open to all undergraduates enrolled at Purdue's West Lafayette campus who have at least four semesters remaining in their academic program. To begin the program, students simply enroll in the first introductory core course, ENTR 20000, and connect with their academic advisor.

BENEFITS

Upon completion, students receive an official certificate, which is noted on their academic transcript. Other benefits include:

- A unique and multidisciplinary experience
- Professional skills for work and life
- Enhanced job prospects and choices
- Connections to successful entrepreneurs and innovators

- Workshops, speakers, and experiential opportunities
- Leadership and communication skills

APPROVED COURSES

Approved option and capstone courses from all colleges are utilized to determine each student's optimal path for certificate completion. Selections can be based upon disciplines, desired experiences, specific entrepreneurship disciplines or even career goals. Many courses fulfill both certificate and major plan of study requirements.

ABOUT US

Purdue's Certificate in Entrepreneurship and Innovation is one of the largest, multidisciplinary entrepreneurship programs in the country, serving nearly 2,500 students from across campus each year. Annually, hundreds of Purdue graduates receive their certificates in addition to their diplomas. The program is administered through Purdue's Office of the Provost and is governed by a Faculty Advisory Committee consisting of highly respected faculty and administrators from every college on campus.

Visit our Website

Requirements

Students must complete five courses in the following categories, some of which may overlap with requirements in their major.

Two Introductory Core Courses

Core courses provide students with the fundamental language, knowledge, leadership, and communication skills related to entrepreneurship and innovation. These required core courses are offered solely by the Certificate in Entrepreneurship and Innovation Program.

- ENTR 20000 - Introduction To Entrepreneurship And Innovation
CHOOSE BETWEEN
- ENTR 31000 - Marketing And Management For New Ventures - (residential and distance learning)
OR
- ENTR 31500 - Business Planning For Social Entrepreneurship

Two Option Courses

Option courses provide students with discipline or industry specific depth in areas that are relevant to entrepreneurship and/or innovation. They are offered through the Certificate in Entrepreneurship and Innovation Program as well as departments across the university.

Approved Option Courses

One Capstone Course

Capstone courses provide students with experiences, which can include developing business plans for new ventures, consulting with small businesses or involvement in product innovation. They are offered through the Certificate in Entrepreneurship and Innovation Program as well as departments across the university.

Approved Capstone Courses

Notes

FOR MORE INFORMATION, PLEASE CONTACT:

Rita Baker | Coordinating Academic Advisor | 765-496-7912 | bakerr@purdue.edu

Nathalie Duval-Couetil | Director | 765-494-7068 | natduval@purdue.edu

Prerequisite Information

For current pre-requisites for courses, click [here](#).

Disclaimer

The student is ultimately responsible for knowing and completing all degree requirements.

Consultation with an advisor may result in an altered plan customized for an individual student.

The myPurduePlan powered by DegreeWorks is the knowledge source for specific requirements and completion.

Program Information

Entrepreneurship and Innovation Certificate Capstone Course List

Capstone courses provide students with projected-related experiences, which can include developing business plans for new ventures, consulting with small businesses or involvement in product innovation. They are offered through the Certificate in Entrepreneurship and Innovation Program as well as departments across the university.

- Courses designated "OPEN" on the list below are available to all students, where space permits and pre-requisites have been met.
- Course designated "RESTRICTED" on the list below may be limited by college, major, or other criteria and some may require departmental consent.

REQUIREMENTS

Students must complete ONE capstone course from the list of offerings below, some of which may overlap with requirements in their major.

Students are permitted to substitute an additional capstone for one of the required option courses. A grade of C- or higher is required for ENTR designated courses.

Certificate in Entrepreneurship and Innovation

OPEN

- ENTR 48000 - Entrepreneurial Leadership And Careers

- ENTR 48100 - Consulting For Emerging Enterprises
- ENTR 48200 - Venture Planning Studio
- ENTR 39699 - Internship And Research Experiences - "IO" section only (Interns for Indiana, IFI)

Agriculture

OPEN

- AGECE 42700 - Advanced Agribusiness Marketing
- AGECE 42900 - Agri-Marketing Analytics
- AGECE 43000 - Agricultural And Food Business Strategy
- ASECE 43110 - International Engagement Methods

RESTRICTED

- ANSC 49400 - Animals And Food Security: International Services Learning
- ASM 49400 - Project Planning And Management Crosslisted with ABE 48400 - same title
- ASM 49600 - Project Planning And Capstone Project
- FS 44300 - Food Product Design (Capstone)
- HORT 42700 - Horticulture Capstone

Education

Please refer to the Certificate in Entrepreneurship and Innovation Program, Agriculture, Engineering and Management capstone courses list as "OPEN" as well as the Experiential Programs, Research Courses and Study Abroad section.

Engineering

OPEN

- CE 59601 - Entrepreneurship And Business Strategy In Engineering
- CE 59801 - Breakthrough Thinking For Complex Challenges
- ENGR 49001 - Breakthrough Thinking For Complex Challenges
All Senior Design EPCS capstone participation must total 3 credits over 2 semesters
- EPCS 40100 - Senior Participation In EPICS
- EPCS 40200 - Senior Participation In EPICS
- EPCS 41100 - Senior Design Participation In EPICS
- EPCS 41200 - Senior Design Participation In EPICS
- EPCS 49000 - EPICS Special Topics Course
- VIP 47920 - Senior Participation In Vertically Integrated Projects (VIP)
- VIP 47921 - Senior Design Participation In Vertically Integrated Projects (VIP) I
- VIP 47922 - Senior Design Participation In Vertically Integrated Projects (VIP) II
- VIP 47930 - Senior Participation In Vertically Integrated Projects (VIP) Ext

RESTRICTED

- AAE 45000 - Spacecraft Design
- AAE 45100 - Aircraft Design
- AAE 53500 - Propulsion Design, Build, Test
- ABE 48500 - Agricultural Engineering Project Management And Design
- ABE 48600 - Agricultural Engineering Design Crosslisted with ASM 49500 - Agricultural Systems Management Capstone Project
- ABE 55800 - Process Design For Food And Biological Systems

- BME 48901 - Senior Design Project
- CHE 45000 - Design And Analysis Of Processing Systems
- ECE 47700 - Digital Systems Senior Project
- ECE 49022 - Electrical Engineering Senior Design Projects
- EEE 48000 - Environmental And Ecological Engineering Senior Design
- IDE 48500 - Multidisciplinary Engineering Design Project (must be taken twice)
- ME 46300 - Engineering Design
- NUCL 45000 - Design In Nuclear Engineering
- THTR 59700 - Production And Design Seminar

Health and Human Sciences

RESTRICTED

- HTM 49901 - Business Development In Hospitality And Tourism

Liberal Arts

RESTRICTED

- FVS 49900 - Capstone In Film/Video/Media Production

Management

OPEN

- MGMT 48400 - Management Of Entrepreneurial Ventures

RESTRICTED

- MGMT 49400 - IBE Capstone

Pharmacy

RESTRICTED

- PHRM 86900 - Practice Management And Marketing Of Professional Services

Polytechnic Institute

RESTRICTED

- AT 40900 - Unmanned Aerial Systems Project Planning And Management
- CM 40000 - Construction Capstone I
- ENGT 48100 - Engineering Technology Capstone II

Science

RESTRICTED

- CS 40700 - Software Engineering Senior Project
- CS 49000 - Topics In Computer Sciences For Undergraduates - Data Science Capstone

Experiential Programs, Research Courses, and Study Abroad

OPEN

- TDM 11100 - Corporate Partners I
- TDM 11200 - Corporate Partners II
- TDM 21100 - Corporate Partners III
- TDM 21200 - Corporate Partners IV
- TDM 31100 - Corporate Partners V
- TDM 31200 - Corporate Partners VI
- TDM 41100 - Corporate Partners VII
- TDM 41200 - Corporate Partners VIII

Some entrepreneurial study abroad programs are approved to fulfill Certificate in Entrepreneurship and Innovation Program requirements. For a list of those opportunities, [click here](#).

If interested in these programs, please connect with the Certificate in Entrepreneurship and Innovation's academic advisor, Rita Baker, at bakerr@purdue.edu to obtain the necessary approval for it to be applied toward your certificate requirements.

Entrepreneurship and Innovation Certificate Option Course List

Option courses provide students with discipline or industry specific depth in areas that are relevant to entrepreneurship and innovation. They are offered through the Certificate in Entrepreneurship and Innovation Program as well as departments across the university.

- Courses designated "OPEN" on the list below are available to all students, where space permits and pre-requisites have been met.
- Course designated "RESTRICTED" on the list below may be limited by college, major, or other criteria and some may require departmental consent.

REQUIREMENTS

Students must complete TWO option courses from the list of offerings below, some of which may overlap with requirements in their major.

Students are permitted to substitute an additional capstone course for one of the required option courses. A grade of C- or higher is required for ENTR designated courses.

Certificate in Entrepreneurship and Innovation

OPEN

- ENTR 46000 - Internship And Career Preparation Seminar (distance learning)
- ENTR 47000 - Gender, Diversity And Leadership (spring only) Crosslisted with WGSS 39000 - same title
- ENTR 39699 - Internship And Research Experiences - "D0" section only (Discovery Park Undergraduate Research Internship, DURI)

College of Agriculture

OPEN

- AGEC 33000 - Management Methods For Agricultural Business
- AGEC 33100 - Principles Of Industrial Selling
- AGEC 42400 - Financial Management Of Agricultural Business
- HORT 43500 - Developing An Agricultural Startup

RESTRICTED

- ANSC 42500 - Ruminant Reproductive Farm Management
- ANSC 42600 - Non-ruminant Reproductive Farm Management
- ANSC 44000 - Horse Management
- ANSC 44200 - Sheep Management
- ANSC 44300 - Swine Management
- ANSC 49500 - Special Topics In Animal Sciences - Food Security and Environmental Challenges in Vietnam

College of Education

OPEN

- EDPS 30000 - Student Leadership Development

College of Engineering

OPEN

- AAE 25100 - Introduction To Aerospace Design
- ABE 22600 - Biotechnology Laboratory I
- CE 35500 - Engineering Environmental Sustainability Crosslisted with EEE 35500 - same title
- CE 49700 - Civil Engineering Projects - Ldrshp & Adv Proj Mgmt, Crosslisted with the following
- CE 59700 - Civil Engineering Projects - Ldrshp & Adv Proj Mgmt, Crosslisted with the following
- CEM 49700 - Construction Engineering Projects - Ldrshp & Adv Proj Mgmt
- EEE 35500 - Engineering Environmental Sustainability Crosslisted with CE 35500 - same title
- EEE 47200 - Community-Engaged Engineering & Design
- ENGR 30500 - Fundamentals Of Innovation Theory And Practice
- ENGR 39697 - Global Engineering Projects- Global Design Projects - Learning While Working (LWW)
- ENGR 49600 - Experimental Courses - High Tech Entrepreneurship
- All EPCS option participation must total 3 credits over 2 semesters
- EPCS 10100 - First Year Participation In EPICS
- EPCS 10200 - First Year Participation In EPICS
- EPCS 11100 - First Year Participation In EPICS I
- EPCS 12100 - First Year Participation In EPICS II
- EPCS 20100 - Sophomore Participation In EPICS
- EPCS 20200 - Sophomore Participation In EPICS
- EPCS 30100 - Junior Participation In EPICS
- EPCS 30200 - Junior Participation In EPICS
- IE 34300 - Engineering Economics
- IE 54500 - Engineering Economic Analysis
- IE 54600 - Economic Decisions In Engineering
- IE 56600 - Production Management Control
- ME 55400 - Intellectual Property For Engineers

- VIP 17920 - First Year Participation In Vertically Integrated Projects (VIP)
- VIP 27920 - Sophomore Participation In Vertically Integrated Projects (VIP)
- VIP 37920 - Junior Participation In Vertically Integrated Projects (VIP)
- VIP 37930 - Junior Participation In Vertically Integrated Projects (VIP) Ext
RESTRICTED
- AAE 35103 - Aerospace Systems Design
- AAE 41800 - Zero-Gravity Flight Experiment
- AAE 55100 - Design Theory And Methods For Aerospace Systems
- AAE 56000 - System-Of-Systems Modeling And Analysis
- AAE 58500 - Air Transportation Systems
- ABE 55700 - Transport Operations In Food And Biological Systems II
- BME 39000 - Professional Development And Design In Biomedical Engineering
- CHE 41200 - Chemical Engineering Design Research Problems
- ECE 20875 - Python For Data Science
- ECE 36200 - Microprocessor Systems And Interfacing
- ECE 49600 - Electrical And Computer Engineering Projects
- ME 26300 - Introduction To Mechanical Engineering Design, Innovation And Entrepreneurship
- ME 44400 - Computer-Aided Design And Prototyping
- ME 55300 - Product And Process Design
- NUCL 47000 - Fuel Cell Engineering

College of Health and Human Sciences

OPEN

- HDFS 34800 - Administration Of Social Service Not-For-Profit Organizations
RESTRICTED
- CSR 30900 - Leadership Strategies
- CSR 34400 - Fundamentals Of Negotiations
- CSR 40600 - E-Retailing
- HK 42400 - Health And Fitness Program Management
- HTM 31200 - Human Resources Management For The Service Industries
- HTM 44100 - Financial Management For The Hospitality Industry
- NUR 41701 - Leadership In Nursing
- PUBH 32500 - Methods Of Health Promotion And Education

College of Liberal Arts

OPEN

- AMST 31000 - Invention, Innovation, And Design
- AMST 32500 - Sports, Technology, And Innovation
- COM 21700 - Science Writing And Presentation
- COM 31400 - Advanced Presentational Speaking
- COM 43500 - Communication And Emerging Technologies
- COM 44400 - Introduction To Communication And Social Entrepreneurship
- COM 49503 - Public Relations For Social Change
- ENGL 42000 - Business Writing - "E0" sections only (designated for Entrepreneurship Certificate)
- FR 22400 - Professional French I

- FR 32400 - Professional French II
 - FR 42400 - Professional French III
 - GER 22300 - German Level IV: Science And Engineering
 - GER 22400 - German Level IV: Business German
 - GER 32300 - German Level VI: Science And Engineering
 - GER 42400 - Business German
 - GER 52400 - German For International Trade
 - IDIS 49000 - Directed Reading In Interdisciplinary Studies - International Internship (Lima, Peru or Seoul, South Korea)
 - RUSS 42400 - Business Russian
 - SPAN 22400 - Spanish Level IV: Business Spanish
 - SPAN 32100 - Introduction To Spanish For The Professions
 - SPAN 32200 - Spanish For The Health Professions
 - SPAN 32300 - Humanities-Informed Engineering Projects
 - SPAN 32500 - Spanish For Engineering And Technology
 - SPAN 42400 - Business Spanish
 - SPAN 48500 - Food And Culture In The Hispanic World
 - WGSS 39000 - Variable Topics In Women's, Gender And Sexuality Studies - Gender, Diversity and Leadership, Crosslisted with ENTR 47000 - same title
- RESTRICTED**
- FVS 26100 - Foundations Of Cinema Production
 - FVS 44600 - Producing Non-Fiction Video

School of Management

OPEN

- MGMT 30400 - Introduction To Financial Management - (non-mgmt students only)
- MGMT 41350 - Venture Capital And Entrepreneurial Finance
- MGMT 44433 - Leading And Working In Teams
- MGMT 59000 - Directed Readings In Management - Student Managed Venture Fund

RESTRICTED

- MGMT 11000 - Introduction To Management And Information Strategies
- MGMT 42000 - Consumer Analytics
- MGMT 42300 - New Product Development
- MGMT 42910 - Experiential Marketing
- MGMT 44710 - Competitive Strategy
- MGMT 44810 - Technology Strategy
- MGMT 45200 - Manufacturing Strategy And Process Innovation
- MGMT 48800 - Data-Driven Decisions In Digital Markets

College of Pharmacy

RESTRICTED

- PHRM 83100 - Health Care Systems
- PHRM 84900 - Population Health Management
- PHRM 87000 - Health Policy Applications

Polytechnic Institute

OPEN

- IET 21400 - Introduction To Supply Chain Management Technology
- IET 33400 - Economic Analysis For Technology Systems
- IET 34300 - Technical And Service Selling
- IET 44275 - Global Transportation And Logistics Management

RESTRICTED

- AT 41200 - Aviation Finance
- AT 49800 - Aviation Technology Capstone
- CGT 41201 - Contemporary Problems In Applied Computer Graphics II
AND
- CGT 45001 - Computer Graphics Professional Practices II
- CM 45000 - Construction Capstone II
- CNIT 48000 - Managing Information Technology Projects
- TLI 31400 - Leading Innovation In Organizations
- TLI 31500 - New Product Development

College of Science

OPEN

- COM 21700 - Science Writing And Presentation
- All College of Science Core: Great Issues in Science courses

RESTRICTED

- SCI 49000 - Topics In Science For Undergraduates - Dean's Executive Forum (this title only)

Experiential Programs, Research Courses, and Study Abroad

OPEN

- ILS 38000 - Understanding Your Undergraduate Research Experience II Crosslisted with the following
- GS 39501 - Understanding Your Undergraduate Research Experience II
OR
- ILS 48000 - Beyond Undergraduate Research Crosslisted with the following
- GS 49501 - Beyond Undergraduate Research
- ILS 49500 - Special Topics In Information And Data Science - Research Peer Mentoring Training
- ILS 59500 - Special Topics In Information And Data Science - Info Strat For Entr Innov
- TDM 10100 - The Data Mine Seminar I
- TDM 10200 - The Data Mine Seminar II
- TDM 20100 - The Data Mine Seminar III
- TDM 20200 - The Data Mine Seminar IV
- TDM 30100 - The Data Mine Seminar V
- TDM 30200 - The Data Mine Seminar VI
- TDM 40100 - The Data Mine Seminar VII
- TDM 40200 - The Data Mine Seminar VIII

RESTRICTED

- ILS 17500 - Information Strategies For Hospitality & Tourism Management

Some entrepreneurial study abroad programs are approved to fulfill Certificate in Entrepreneurship and Innovation Program requirements. For a list of those opportunities, [click here](#).

If interested in these programs, please connect with the Certificate in Entrepreneurship and Innovation's academic advisor, Rita Baker, at bakerr@purdue.edu to obtain the necessary approval for it to be applied toward your certificate requirements.

Purdue Systems Collaboratory

See [Systems Certificate](#) for more information about the certificate.

[Purdue Systems Collaboratory website](#)

Certificate

Systems Certificate

About the Certificate

The purpose of the Certificate in Systems is to educate undergraduate students with a set of cognitive competencies, tools and methods that can be applied to a broad range of complex and challenging issues. The graduates of the program will be well prepared to create and execute transdisciplinary processes that result in systems responsive to stakeholders' needs. The program has three dimensions:

- **Convergence of Knowledge:** Students learn about foundational principles that span the different system domains, identifying common principles for systems, akin to the natural laws governing physical sciences. This is an essential step in furthering the ability to model, design, and manage complex systems.
- **Human Dimension:** Students practice advanced human-centric methods to build systems for large-scale societal applications, and methods to support decision-making for designing and operating complex systems.
- **Systems Perspective:** The certificate focus is on educating "systems thinkers". Students will be trained in liberal arts, mathematical concepts, the latest in computational architectures and tools, understanding human decision-making, policy, and exposed to the complexities of functioning in a globally distributed real-world enterprise.

[Purdue Systems Collaboratory Website](#)

Requirements for the Certificate (15 credits)

Required Courses (9 credits)

- SYS 30000 - It's A Complex World - Addressing Global Challenges or
- SYS 50000 - Perspectives On Systems
- SYS 35000 - Systems Methods or
- SYS 51000 - Tools And Methodologies For Designing Systems

- SYS 40000 - Systems Praxis or
- SYS 53000 - Practical Systems Thinking

Supplemental Courses -Choose Two (6 credits)

See Systems Certificate Supplemental Courses List for courses.

Prerequisite Information

For current pre-requisites for courses, click [here](#).

Disclaimer

The student is ultimately responsible for knowing and completing all degree requirements.

Consultation with an advisor may result in an altered plan customized for an individual student.

The myPurduePlan powered by DegreeWorks is the knowledge source for specific requirements and completion.

Program Information

Systems Certificate Supplemental Information

College of Agriculture

- ABE 48500 - Agricultural Engineering Project Management And Design
- AGECE 20400 - Introduction To Resource Economics And Environmental Policy
- AGECE 25000 - Economic Geography Of World Food And Resources
- AGECE 34000 - International Economic Development
- AGECE 35200 - Quantitative Techniques For Firm Decision Making
- AGECE 40600 - Natural Resource And Environmental Economics
- AGECE 41000 - Agricultural Policy
- AGECE 52500 - Environmental Policy Analysis
- AGECE 52800 - Global Change And The Challenge Of Sustainably Feeding A Growing Planet
- AGECE 59600 - Seminars In Current Issues In Agricultural Economics
- AGR 20100 - Communicating Across Culture
- AGRY 28500 - World Crop Adaptation And Distribution
- FNR 22310 - Introduction To Environmental Policy
- FNR 23000 - The World's Forests And Society
- FNR 30200 - Global Sustainability Issues
- FNR 40600 - Natural Resource And Environmental Economics
- SFS 31500 - Principles Of Permaculture

College of Education

- EDPS 31500 - Collaborative Leadership: Interpersonal Skills

- EDPS 31600 - Collaborative Leadership: Cross-Cultural Settings
- EDST 51200 - Foundations Of Educational Policy

College of Engineering

- AAE 25100 - Introduction To Aerospace Design
- AAE 55100 - Design Theory And Methods For Aerospace Systems
- AAE 56000 - System-Of-Systems Modeling And Analysis
- AAE 59000 - Projects In Aeronautical Engineering (Title: Distributed Network Control)
- CE 35500 - Engineering Environmental Sustainability
- CE 39800 - Introduction To Civil Engineering Systems Design
- CE 49700 - Civil Engineering Projects (Title: Modeling For Public Policy)
- CHE 46300 - Applications Of Chemical Engineering Principles
- EEE 25000 - Environmental, Ecological, and Engineering Systems
- EEE 30000 - Environmental And Ecological Systems Modeling
- EEE 35500 - Engineering Environmental Sustainability
- ENGR 30500 - Fundamentals Of Innovation Theory And Practice
- ENGR 31000 - Engineering In Global Context
- ENGR 39501 - Breakthrough Thinking Complex Challenges
- IDE 30100 - Professional Preparation In Interdisciplinary Engineering
- IE 33500 - Operations Research - Optimization
- IE 33600 - Operations Research - Stochastic Models
- IE 38300 - Integrated Production Systems I
- IE 38600 - Work Analysis And Design I
- IE 48100 - Introduction To System Simulation
- IE 52500 - Healthcare Delivery Systems
- IE 55800 - Safety Engineering
- IE 57700 - Human Factors In Engineering
- IE 57900 - Design And Control Of Production And Manufacturing Systems
- IE 58000 - Systems Simulation
- ME 41500 - Energy Systems Engineering
- HIST 30000 - Eve Of Destruction: Global Crises And World Organization In The 20th Century
- PUBH 60100 - Introduction To The Quantitative Methods Of Public Health

College of Science

- BIOL 31200 - Great Issues Genomics And Society
- BIOL 44215 - Multidisciplinary Design Of Systems And Devices For Physiology Measurements
- BIOL 48300 - Great Issues: Environmental And Conservation Biology
- EAPS 30100 - Oil!
- EAPS 32700 - Climate, Science And Society
- EAPS 36000 - Great Issues In Science And Society
- EAPS 36400 - Natural Hazards: Science And Society
- EAPS 37500 - Great Issues - Fossil Fuels, Energy And Society
- STAT 11300 - Statistics And Society

College of Health and Human Sciences

- CSR 34400 - Fundamentals Of Negotiations
- PUBH 60100 - Introduction To The Quantitative Methods Of Public Health
- NUR 22201 - Population Health
- PSY 24000 - Introduction To Social Psychology
- PSY 57700 - Human Factors In Engineering

Krannert School of Management

- ECON 36100 - Antitrust And Regulation
- ECON 36700 - Law And Economics
- ECON 45100 - Game Theory
- ECON 47100 - Behavioral Economics
- ECON 48500 - Economics Of Racial And Gender Discrimination

College of Liberal Arts

- ANTH 21000 - Technology And Culture
- ANTH 32700 - Environment And Culture
- ANTH 34000 - Global Perspectives On Health
- ANTH 37000 - Ethnicity And Culture
- COM 20400 - Critical Perspectives On Communication
- COM 22400 - Communicating In The Global Workplace
- COM 25100 - Communication, Information, And Society
- COM 30300 - Intercultural Communication
- COM 32400 - Introduction To Organizational Communication
- COM 35300 - Problems In Public Relations
- COM 41100 - Communication And Social Networks
- COM 44400 - Introduction To Communication And Social Entrepreneurship
- GSLA 10100 - Global Awareness
- HIST 10500 - Survey Of Global History
- HIST 30000 - Eve Of Destruction: Global Crises And World Organization In The 20th Century
- HIST 38700 - History Of The Space Age
- PHIL 11400 - Global Moral Issues
- POL 12000 - Introduction To Public Policy And Public Administration
- POL 14100 - Governments Of The World
- POL 22300 - Introduction To Environmental Policy
- POL 32300 - Comparative Environmental Policy
- POL 32700 - Global Green Politics
- POL 34700 - Introduction To Latin American Politics
- POL 41300 - The Human Basis Of Politics
- POL 42900 - Contemporary Political Problems
- SOC 22000 - Social Problems
- SOC 35200 - Drugs, Culture, And Society

Polytechnic Institute

- AT 42101 - Managerial Economics In Aviation
- AT 45400 - Human Factors In Aviation
- AT 52500 - Process Improvement And Simulation
- AT 55000 - Critical Systems Thinking
- BCM 34000 - Introduction To Healthcare Construction Management
- CGT 17208 - User Experience Design Studio I: Fundamentals
- CNIT 18200 - System And Organizational Security
- CNIT 28000 - Systems Analysis And Design Methods
- CNIT 32000 - Policy, Regulation, And Globalization In Information Technology
- CNIT 48000 - Managing Information Technology Projects
- MA 27900 - Modern Mathematics In Science And Society
- OLS 34500 - Critical Thinking In Organizations
- OLS 34600 - Critical Thinking And Ethics
- TECH 12000 - Design Thinking In Technology
- TLI 45570 - Global Human Resources

Office of Professional Practice

Professional Practice Programs

Purdue's Office of Professional Practice (OPP) offers work-integrated learning experiences and provides students an advantage in career readiness with course work and hands-on learning/training during their time at Purdue. OPP supports students within the academic environment of the institution and its global partners, participates in academic research within the field of professional practice and assists academic units with enhanced employer engagement. Committed to fostering a holistic student experience, OPP offers formal programs in Co-op, internship and research formats. OPP also facilitates the Global Engineering Alliance for Research and Education (GEARE), Purdue's premier international work experience program. Purdue designs Professional Practice programs to combine practical on-the-job experiences with the classroom training of a four-year college curriculum.

Extensive Industry Co-op Certificate

The extensive Industry Co-op Certificate is awarded to students who have gained 18 months or more of full-time work experience related to their academic field of study. Students will register for a cooperative education course during each academic term for which they are engaged in full-time work with an employer. Students are required to complete five work terms. Students should have a progressive experience, with multiple work terms occurring at the same employer. Students may change employers one time. Students must complete all necessary requirements specific to their academic discipline.

Industry Co-op Certificate

The Industry Co-op Certificate is awarded to students who have gained about one year of full-time work (at least one fall/spring semester) experience related to their academic field of study. Students will register for a cooperative education course during each academic term for which they are engaged in full-time work with an employer. Students are required to complete a minimum of three work terms. Students should have a progressive experience, with a minimum of two work terms occurring with the same employer. Students must complete all necessary requirements specific to their academic discipline.

Message from the Director

Office of Professional Practice Website

Program Information

Program Availability by Discipline

Undergraduate Co-op Program

Master's Co-op Program

GEARE Program

Learning While Working

Milestones Technical Courses

Interns for Indiana

Contact Us

Have questions? Email us at propractice@purdue.edu to schedule an appointment.

Office of Professional Practice

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Phone: (765) 494-7430

Email: propractice@purdue.edu

Certificate

Extensive Industry Co-op Certificate

About the Certificate

The extensive Industry Co-op Certificate is awarded to students who have gained 18 months or more of full-time work experience related to their academic field of study. Students will register for a cooperative education course during each academic term for which they are engaged in full-time work with an employer. Students are required to complete five work terms. Students should have a progressive experience, with multiple work terms occurring at the same employer. Students may change employers one time. Students must complete all necessary requirements specific to their academic discipline.

Course Requirement

Five sequential courses with the same prefix must be taken to complete the Extensive Industry Co-op Program Certificate.

College of Agriculture

- AGEC 29199 - Cooperative Experience I
- AGEC 29299 - Cooperative Experience II
- AGEC 39399 - Cooperative Experience III
- AGEC 39499 - Extensive Cooperative Experience IV
- AGEC 39599 - Extensive Cooperative Experience V
- AGR 29199 - Cooperative Experience I
- AGR 29299 - Cooperative Experience II
- AGR 39399 - Cooperative Experience III
- AGR 39499 - Extensive Cooperative Experience IV
- AGR 39599 - Extensive Cooperative Experience V
- AGRY 29199 - Cooperative Experience I
- AGRY 29299 - Cooperative Experience II
- AGRY 39399 - Cooperative Experience III
- AGRY 39499 - Extensive Cooperative Experience IV
- AGRY 39599 - Extensive Cooperative Experience V
- ASM 29199 - Cooperative Experience I
- ASM 29299 - Cooperative Experience II
- ASM 39399 - Cooperative Experience III
- ASM 39499 - Extensive Cooperative Experience IV
- ASM 39599 - Extensive Cooperative Experience V
- ENTM 29199 - Cooperative Experience I
- ENTM 29299 - Cooperative Experience II
- ENTM 39399 - Cooperative Experience III
- ENTM 39499 - Extensive Cooperative Experience IV
- ENTM 39599 - Extensive Cooperative Experience V
- FNR 29199 - Cooperative Experience I
- FNR 29299 - Cooperative Experience II
- FNR 39399 - Cooperative Experience III
- FNR 39499 - Extensive Cooperative Experience IV
- FNR 39599 - Extensive Cooperative Experience V
- FS 29199 - Cooperative Experience I
- FS 29299 - Cooperative Experience II
- FS 39399 - Cooperative Experience III
- FS 39499 - Extensive Cooperative Experience IV

- FS 39599 - Extensive Cooperative Experience V
- HORT 29199 - Cooperative Experience I
- HORT 29299 - Cooperative Experience II
- HORT 39399 - Cooperative Experience III
- HORT 39499 - Extensive Cooperative Experience IV
- HORT 39599 - Extensive Cooperative Experience V
- LA 29199 - Cooperative Experience I
- LA 29299 - Cooperative Experience II
- LA 39399 - Cooperative Experience III
- LA 39499 - Extensive Cooperative Experience IV
- LA 39599 - Extensive Cooperative Experience V

College of Engineering

- AAE 29199 - Cooperative Experience I
- AAE 29299 - Cooperative Experience II
- AAE 39399 - Cooperative Experience III
- AAE 39499 - Extensive Cooperative Experience IV
- AAE 39599 - Extensive Cooperative Experience V
- ABE 29199 - Cooperative Experience I
- ABE 29299 - Cooperative Experience II
- ABE 39399 - Cooperative Experience III
- ABE 39499 - Extensive Cooperative Experience IV
- ABE 39599 - Extensive Cooperative Experience V
- BME 29199 - Cooperative Experience I
- BME 29299 - Cooperative Experience II
- BME 39399 - Cooperative Experience III
- BME 39499 - Extensive Cooperative Experience IV
- BME 39599 - Extensive Cooperative Experience V
- CE 29199 - Cooperative Experience I
- CE 29299 - Cooperative Experience II
- CE 39399 - Cooperative Experience III
- CE 39499 - Extensive Cooperative Experience IV
- CE 39599 - Extensive Cooperative Experience V
- CHE 29199 - Cooperative Experience I
- CHE 29299 - Cooperative Experience II
- CHE 39399 - Cooperative Experience III
- CHE 39499 - Extensive Cooperative Experience IV
- CHE 39599 - Extensive Cooperative Experience V
- ECE 29199 - Cooperative Experience I
- ECE 29299 - Cooperative Experience II
- ECE 39399 - Cooperative Experience III
- ECE 39499 - Extensive Cooperative Experience IV
- ECE 39599 - Extensive Cooperative Experience V
- EEE 29199 - Cooperative Experience I
- EEE 29299 - Cooperative Experience II
- EEE 39399 - Cooperative Experience III

- EEE 39499 - Extensive Cooperative Experience IV
- EEE 39599 - Extensive Cooperative Experience V
- ENGR 29199 - Cooperative Experience I
- ENGR 29299 - Cooperative Experience II
- ENGR 39399 - Cooperative Experience III
- ENGR 39499 - Extensive Cooperative Experience IV
- ENGR 39599 - Extensive Cooperative Experience V
- IDE 29199 - Cooperative Experience I
- IDE 29299 - Cooperative Experience II
- IDE 39399 - Cooperative Experience III
- IDE 39499 - Extensive Cooperative Experience IV
- IDE 39599 - Extensive Cooperative Experience V
- IE 29199 - Cooperative Experience I
- IE 29299 - Cooperative Experience II
- IE 39399 - Cooperative Experience III
- IE 39499 - Extensive Cooperative Experience IV
- IE 39599 - Extensive Cooperative Experience V
- ME 29199 - Cooperative Experience I
- ME 29299 - Cooperative Experience II
- ME 39399 - Cooperative Experience III
- ME 39499 - Extensive Cooperative Experience IV
- ME 39599 - Extensive Cooperative Experience V
- MSE 29199 - Cooperative Experience I
- MSE 29299 - Cooperative Experience II
- MSE 39399 - Cooperative Experience III
- MSE 39499 - Extensive Cooperative Experience IV
- MSE 39599 - Extensive Cooperative Experience V
- NUCL 29199 - Cooperative Experience I
- NUCL 29299 - Cooperative Experience II
- NUCL 39399 - Cooperative Experience III
- NUCL 39499 - Extensive Cooperative Experience IV
- NUCL 39599 - Extensive Cooperative Experience V

College of Health and Human Sciences

- NUR 29199 - Cooperative Experience I
- NUR 29299 - Cooperative Experience II
- NUR 39399 - Cooperative Experience III
- NUR 39499 - Extensive Cooperative Experience IV
- NUR 39599 - Extensive Cooperative Experience V
- PSY 29199 - Cooperative Experience I
- PSY 29299 - Cooperative Experience II
- PSY 39399 - Cooperative Experience III
- PSY 39499 - Extensive Cooperative Experience IV
- PSY 39599 - Extensive Cooperative Experience V

College of Liberal Arts

- AD 29199 - Cooperative Experience I
- AD 29299 - Cooperative Experience II
- AD 39399 - Cooperative Experience III
- AD 39499 - Extensive Cooperative Experience IV
- AD 39599 - Extensive Cooperative Experience V
- COM 29199 - Cooperative Experience I
- COM 29299 - Cooperative Experience II
- COM 39399 - Cooperative Experience III
- COM 39499 - Extensive Cooperative Experience IV
- COM 39599 - Extensive Cooperative Experience V

School of Management

- ECON 29199 - Cooperative Experience I
- ECON 29299 - Cooperative Experience II
- ECON 39399 - Cooperative Experience III
- ECON 39499 - Extensive Cooperative Experience IV
- ECON 39599 - Extensive Cooperative Experience V
- MGMT 29199 - Cooperative Experience I
- MGMT 29299 - Cooperative Experience II
- MGMT 39399 - Cooperative Experience III
- MGMT 39499 - Extensive Cooperative Experience IV
- MGMT 39599 - Extensive Cooperative Experience V

College of Pharmacy

- PHRM 29199 - Cooperative Experience I
- PHRM 29299 - Cooperative Experience II
- PHRM 39399 - Cooperative Experience III
- PHRM 39499 - Extensive Cooperative Experience IV
- PHRM 39599 - Extensive Cooperative Experience V

Polytechnic Institute

- TECH 29199 - Cooperative Experience I
- TECH 29299 - Cooperative Experience II
- TECH 39399 - Cooperative Experience III
- TECH 39499 - Extensive Cooperative Experience IV
- TECH 39599 - Extensive Cooperative Experience V

College of Science

- CHM 29199 - Cooperative Experience I
- CHM 29299 - Cooperative Experience II
- CHM 39399 - Cooperative Experience III
- CHM 39499 - Extensive Cooperative Experience IV

- CHM 39599 - Extensive Cooperative Experience V
- CS 29199 - Cooperative Experience I
- CS 29299 - Cooperative Experience II
- CS 39399 - Cooperative Experience III
- CS 39499 - Extensive Cooperative Experience IV
- CS 39599 - Extensive Cooperative Experience V
- MA 29199 - Cooperative Experience I
- MA 29299 - Cooperative Experience II
- MA 39399 - Cooperative Experience III
- MA 39499 - Extensive Cooperative Experience IV
- MA 39599 - Extensive Cooperative Experience V
- PHYS 29199 - Cooperative Experience I
- PHYS 29299 - Cooperative Experience II
- PHYS 39399 - Cooperative Experience III
- PHYS 39499 - Extensive Cooperative Experience IV
- PHYS 39599 - Extensive Cooperative Experience V
- SCI 29199 - Cooperative Experience I
- SCI 29299 - Cooperative Experience II
- SCI 39399 - Cooperative Experience III
- SCI 39499 - Extensive Cooperative Experience IV
- SCI 39599 - Extensive Cooperative Experience V
- STAT 29199 - Cooperative Experience I
- STAT 29299 - Cooperative Experience II
- STAT 39399 - Cooperative Experience III
- STAT 39499 - Extensive Cooperative Experience IV
- STAT 39599 - Extensive Cooperative Experience V

Additional Courses:

Any course below can substitute for a co-op course in a sequence above.

Course Number 39699 (may choose one)

- AAE 39699 - Professional Practice Internship
- ABE 39699 - Professional Practice Internship
- BIOL 39699 - Professional Practice Internship
- BME 39699 - Professional Practice Internship
- CE 39699 - Professional Practice Internship
- CHE 39699 - Professional Practice Internship
- CHM 39699 - Professional Practice Internship
- ECE 39699 - Professional Practice Internship
- EEE 39699 - Professional Practice Internship
- ENGR 39699 - Professional Practice Internship
- ENTR 39699 - Internship And Research Experiences
- IDE 39699 - Professional Practice Internship
- IE 39699 - Professional Practice Internship
- ME 39699 - Professional Practice Internship
- MSE 39699 - Professional Practice Internship
- NUCL 39699 - Professional Practice Internship

- NUR 39699 - Professional Practice Internship
- TECH 39699 - Professional Practice Internship
Course Number 39799
- ENGR 39799 - GEARE Domestic Internship
Course Number 39899
- ENGR 39899 - GEARE Global Internship

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Industry Co-op Certificate

About the Certificate

The Industry Co-op Certificate is awarded to students who have gained about one year of full-time work (at least one fall/spring semester) experience related to their academic field of study. Students will register for a cooperative education course during each academic term for which they are engaged in full-time work with an employer. Students are required to complete a minimum of three work terms. Students should have a progressive experience, with a minimum of two work terms occurring with the same employer. Students must complete all necessary requirements specific to their academic discipline.

Course Requirements (3 course sequence)

Three sequential courses with the same prefix must be taken to complete the Industry Co-op Program Certificate.

College of Agriculture

- AGEC 29199 - Cooperative Experience I
- AGEC 29299 - Cooperative Experience II
- AGEC 39399 - Cooperative Experience III
- AGR 29199 - Cooperative Experience I
- AGR 29299 - Cooperative Experience II
- AGR 39399 - Cooperative Experience III
- AGRY 29199 - Cooperative Experience I
- AGRY 29299 - Cooperative Experience II
- AGRY 39399 - Cooperative Experience III
- ASM 29199 - Cooperative Experience I
- ASM 29299 - Cooperative Experience II
- ASM 39399 - Cooperative Experience III
- ENTM 29199 - Cooperative Experience I
- ENTM 29299 - Cooperative Experience II
- ENTM 39399 - Cooperative Experience III
- FNR 29199 - Cooperative Experience I
- FNR 29299 - Cooperative Experience II

- FNR 39399 - Cooperative Experience III
- FS 29199 - Cooperative Experience I
- FS 29299 - Cooperative Experience II
- FS 39399 - Cooperative Experience III
- HORT 29199 - Cooperative Experience I
- HORT 29299 - Cooperative Experience II
- HORT 39399 - Cooperative Experience III
- LA 29199 - Cooperative Experience I
- LA 29299 - Cooperative Experience II
- LA 39399 - Cooperative Experience III

College of Engineering

- AAE 29199 - Cooperative Experience I
- AAE 29299 - Cooperative Experience II
- AAE 39399 - Cooperative Experience III
- ABE 29199 - Cooperative Experience I
- ABE 29299 - Cooperative Experience II
- ABE 39399 - Cooperative Experience III
- BME 29199 - Cooperative Experience I
- BME 29299 - Cooperative Experience II
- BME 39399 - Cooperative Experience III
- CE 29199 - Cooperative Experience I
- CE 29299 - Cooperative Experience II
- CE 39399 - Cooperative Experience III
- CHE 29199 - Cooperative Experience I
- CHE 29299 - Cooperative Experience II
- CHE 39399 - Cooperative Experience III
- ECE 29199 - Cooperative Experience I
- ECE 29299 - Cooperative Experience II
- ECE 39399 - Cooperative Experience III
- EEE 29199 - Cooperative Experience I
- EEE 29299 - Cooperative Experience II
- EEE 39399 - Cooperative Experience III
- ENGR 29199 - Cooperative Experience I
- ENGR 29299 - Cooperative Experience II
- ENGR 39399 - Cooperative Experience III
- IDE 29199 - Cooperative Experience I
- IDE 29299 - Cooperative Experience II
- IDE 39399 - Cooperative Experience III
- IE 29199 - Cooperative Experience I
- IE 29299 - Cooperative Experience II
- IE 39399 - Cooperative Experience III
- ME 29199 - Cooperative Experience I
- ME 29299 - Cooperative Experience II
- ME 39399 - Cooperative Experience III
- MSE 29199 - Cooperative Experience I
- MSE 29299 - Cooperative Experience II
- MSE 39399 - Cooperative Experience III
- NUCL 29199 - Cooperative Experience I

- NUCL 29299 - Cooperative Experience II
- NUCL 39399 - Cooperative Experience III

College of Health and Human Sciences

- NUR 29199 - Cooperative Experience I
- NUR 29299 - Cooperative Experience II
- NUR 39399 - Cooperative Experience III
- PSY 29199 - Cooperative Experience I
- PSY 29299 - Cooperative Experience II
- PSY 39399 - Cooperative Experience III

College of Liberal Arts

- AD 29199 - Cooperative Experience I
- AD 29299 - Cooperative Experience II
- AD 39399 - Cooperative Experience III
- COM 29199 - Cooperative Experience I
- COM 29299 - Cooperative Experience II
- COM 39399 - Cooperative Experience III

School of Management

- ECON 29199 - Cooperative Experience I
- ECON 29299 - Cooperative Experience II
- ECON 39399 - Cooperative Experience III
- MGMT 29199 - Cooperative Experience I
- MGMT 29299 - Cooperative Experience II
- MGMT 39399 - Cooperative Experience III

College of Pharmacy

- PHRM 29199 - Cooperative Experience I
- PHRM 29299 - Cooperative Experience II
- PHRM 39399 - Cooperative Experience III

Polytechnic Institute

- TECH 29199 - Cooperative Experience I
- TECH 29299 - Cooperative Experience II
- TECH 39399 - Cooperative Experience III

College of Science

- CHM 29199 - Cooperative Experience I
- CHM 29299 - Cooperative Experience II
- CHM 39399 - Cooperative Experience III
- CS 29199 - Cooperative Experience I
- CS 29299 - Cooperative Experience II
- CS 39399 - Cooperative Experience III
- MA 29199 - Cooperative Experience I
- MA 29299 - Cooperative Experience II
- MA 39399 - Cooperative Experience III
- PHYS 29199 - Cooperative Experience I
- PHYS 29299 - Cooperative Experience II
- PHYS 39399 - Cooperative Experience III
- SCI 29199 - Cooperative Experience I
- SCI 29299 - Cooperative Experience II
- SCI 39399 - Cooperative Experience III
- STAT 29199 - Cooperative Experience I

- STAT 29299 - Cooperative Experience II
- STAT 39399 - Cooperative Experience III

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- ME 39699 - Professional Practice Internship
- MSE 39699 - Professional Practice Internship
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Course Number 39799

- ENGR 39799 - GEARE Domestic Internship

Course Number 39899

- ENGR 39899 - GEARE Global Internship

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The Data Mine