

APPROVED COURSES FOR CERTIFICATE IN ENTREPRENEURSHIP AND INNOVATION - Page 1 of 5

refer to www.purdue.edu/entr for most up to date list (as of 2/2024)

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|---|---|-----------------|--------------|--|-----------------|
| PROGRAM REQUIREMENTS: complete five courses in the following categories: many of which may overlap with major requirements. | | | | | |
| Two Introductory Core Courses | | | | | |
| 1st Required: ENTR 20000 Introduction to Entrepreneurship and Innovation | | | | | |
| 2nd Required: Choose From | | | | | |
| ENTR 31000 Marketing and Management for New Ventures (prereq. ENTR 20000) or | | | | | |
| ENTR 31500 Business Planning for Social Entrepreneurship (prereq. ENTR 20000) or | | | | | |
| ENTR 32500 Global Entrepreneurship and Innovation (prereq. ENTR 20000) | | | | | |
| Two Option Courses | | | | | |
| Option courses provide discipline or industry specific depth in areas that are relevant to entrepreneurship and innovation. | | | | | |
| One Capstone Course | | | | | |
| Capstone courses provide experiences which can include developing business plans for new ventures, consulting with small businesses, or involvement in product innovation. | | | | | |
| ELIGIBILITY | | | | | |
| Simply enroll in the first intro course, ENTR 20000, and connect with your academic advisor | | | | | |
| Grade of C- or higher must be obtained in all ENTR courses used toward Certificate Completion. | | | | | |
| NOTES | | | | | |
| Substitution of an additional capstone for one of the required option courses is permitted. | | | | | |
| Courses designated "OPEN" on the approved list are available to all program participants, where space permits and prerequisites have been met. | | | | | |
| "X" indicates courses are cross-listed | | | | | |
| * Indicates newly approved courses not built into the current, 2023-24, ENTR Program plan of study (myPurduePlan/Edu Nav). An exception will be provided by the ENTR Program. | | | | | |
| REQUIRED TWO INTRODUCTORY ENTREPRENEURSHIP CORE COURSES | | Type | Major | Prereqs & Notes | Semester |
| 1st Required: ENTR 20000 | Introduction to Entrepreneurship and Innovation | 1st Core | OPEN | | F, Sp or SS |
| 2nd Required: CHOOSE FROM | | | | | |
| ENTR 31000 or | Marketing and Management for New Ventures | 2nd Core | OPEN | ENTR 20000; Students can choose ENTR 31000, ENTR 31500, or ENTR 32500 to serve as the second required core course for the Certificate in Entrepreneurship and Innovation. ENTR 31000 offered in both residential and distance learning. ENTR 32500 will be offered starting Fall 2024. | F, Sp or SS |
| ENTR 31500 or | Business Planning for Social Entrepreneurship | 2nd Core | OPEN | | Both |
| ENTR 32500 | Global Entrepreneurship and Innovation | 2nd Core | OPEN | | Both |
| ENTREPRENEURSHIP OPTION COURSES | | Type | Major | Prereqs & Notes | Semester |
| ENTR 46000 | Internship and Career Preparation Seminar | Option | OPEN | Online course. For more information, contact Brenda Klinkhamer bklink@purdue.edu | F/Sp or SS |
| ENTR 47000A X WGSS 39000 Specific Title Only | Gender, Diversity and Leadership | Option | OPEN | Cross-list courses have same title. Former title Women and Leadership | Spring |
| ENTREPRENEURSHIP CAPSTONE COURSES & EXPERIENTIAL PROGRAMS | | Type | Major | Prereqs & Notes | Semester |
| ENTR 48000 | Entrepreneurial Leadership and Careers | Capstone | OPEN | ENTR 20000, 31000/31500/32500. formerly titled Entrepreneurship Capstone | Both |
| ENTR 48100 | Consulting for Emerging Enterprises | Capstone | OPEN | ENTR 20000, 31000/31500/32500, instructor permission | Both |
| ENTR 48200 | Venture Planning Studio | Capstone | OPEN | ENTR 20000, 31000/31500/32500. formerly titled Venture Planning Capstone | Both |
| ENTR 39699 - I0 Sections Only | Internship and Research Experiences - Interns for Indiana (IFI) | Capstone | OPEN | Formerly ENTR 46100. For more information, contact Tina Alsup at alsup@purdue.edu | Summer |
| ENTR 39699 - D0 Sections Only | Internship and Research Experiences - Discovery Undergraduate Interdisciplinary Research Internship (DUIRI) | Option | OPEN | For more information, contact duristudent@purdue.edu | F, Sp or SS |
| EXPERIENTIAL PROGRAMS, RESEARCH COURSES, AND STUDY ABROAD | | Type | Major | Prereqs & Notes | Semester |
| TDM 10100: 40200 | The Data Mine Seminar | Option | OPEN | Formerly STAT 19000, 29000, 39000, 49000 with specific titles | F, Sp or SS |
| TDM 11100: 41200 | Corporate Partners | Capstone | OPEN | Formerly STAT 19000, 29000, 39000, 49000 with specific titles | F, Sp or SS |
| GS 39501 X ILS 38000 or GS 49501 X ILS 48000 | Understanding UG Res Exp II / Beyond Undergraduate Research | Option | OPEN | GS 29501 or instructor permission / GS 39501 or instructor permission, Jr standing. Cross-list courses have same title | F, Sp or SS |
| ILS 49500 Specific Title Only | Research Peer Mentoring Training | Option | OPEN | Current or former undergraduate researcher and instructor permission | F, Sp or SS |
| ILS 59500 Specific Title Only | Information Strategies for Entrepreneurship and Innovation | Option | OPEN | 8 week course | Variable |
| ILS 17500 | Information Strategies for HTM | Option | OPEN | | Fall |
| SA 30008 | CIMBA: Paderno del Grappa, Italy | Option | SA approval | Visit the Study Abroad Program page for more information as well as the ENTR Program Study Abroad page for specific pre-approved courses within the programs. https://www.purdue.edu/ippu/sa/programs/searchguide.html https://www.purdue.edu/entr/opportunities/study-abroad/ Additionally, contact Glenda at gcaudill@purdue.edu within the Study Abroad Program Office. | F, Sp or SS |
| SA 32001 / 32002 / 32003 / 32005 | DIS Copenhagen, Copenhagen, Denmark | Option/Capstone | | | F, Sp or SS |
| SA 33014 | IES: Milan, Italy | Option | | | Both |
| SA 33006 | IES-Christchurch: University of Canterbury | Option/Capstone | | | Both |
| SA 34020 | IFSA-University College Dublin, Ireland | Option | | | Both |
| SA 10101 | Purdue London Internship Program | Capstone | | | SS |
| SA 10102 | Purdue Sydney Internship Program | Capstone | | | SS |
| SA 20220 | Tec de Monterrey, Mexico | Option | | | F, Sp or SS |
| SA 20201 / 20221 | Universita Bocconi, Milan, Italy | Option | | | Both |
| SA 34020 | University College Dublin, Ireland | Option | | | Both |
| SA 20250 | University of Canterbury | Option/Capstone | | | Both |
| AGRICULTURE | | Type | | | Major |
| AGEC 33000 | Management Methods for Agricultural Business | Option | OPEN | | Both |
| AGEC 33100 | Principals of Industrial Selling | Option | OPEN | Second semester Freshman or higher | F, Sp or SS |
| AGEC 42700 | Advanced Agribusiness Marketing | Capstone | OPEN | Formerly list as an option course. AGEC 33000 / MGMT 32300 or MGMT 32400, AGEC 32700 | Fall |
| AGEC 42400 | Financial Management of Agricultural Business | Option | OPEN | AGEC 31100/33000 or MGMT 20000/20010 or BUS A20100 | Both |
| AGEC 42900 | Agri-Marketing Analytics | Capstone | OPEN | AGEC 32700/MGMT 32300 and AGEC 42700 | Spring |
| AGEC 43000 | Agricultural and Food Business Strategy | Capstone | OPEN | AGEC 32700/MGMT 32300 and AGEC 42400 | Both |

APPROVED COURSES FOR CERTIFICATE IN ENTREPRENEURSHIP AND INNOVATION - Page 2 of 5

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| *AGEC 43100 | Advanced Industrial Sales and Marketing | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Fall |
| ANSC 42500 | Ruminant Reproductive Farm Management | Option | ANSC | TBD | Spring |
| ANSC 42600 | Non-ruminant Reproductive Farm Management | Option | ANSC | TBD | Spring |
| ANSC 43500 | Reproductive Management of Farm Animals | Option | ANSC | formerly listed as an approved course | n/a |
| ANSC 44000 | Horse Management | Option | AG | ANSC 22100 | Variable |
| ANSC 44200 | Sheep Management | Option | ANSC | | Spring |
| ANSC 44300 | Swine Management | Option | ANSC | | Spring |
| *ANSC 48500 | Dairy Farm Evaluation | Option | ANSC | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Spring |
| ANSC 49400 | Animals and Food Security Service Learning | Capstone | ANSC | See Department | SS |
| ANSC 49500 Specific Title Only | Food Security and Environmental Challenges in Vietnam | Option | ANSC | | Spring |
| *ASEC 28500 | Introduction to Publication Design | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Spring |
| *ASEC 43100 | "Class Prep" International Engagement Methods & Food Security in Peru | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Both |
| ASEC 43110 | International Engagement Methods | Capstone | OPEN | ASEC 43100, See Department | Both |
| *ASEC 43120 | Evaluating Peru International Engagement Methods | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Spring |
| ASM 49400 X ABE 48400 | Project Planning & Management | Capstone | ASM/ABE | ASM 22100 and Senior status or Instructor Permission. Cross-list courses have same title | Fall |
| ASM 49500 X ABE 48600 | Agricultural Systems Mgmt Capstone Project X Agricultural Engr Design | Capstone | ABE/ASM | ASM 22100, ABE 48400 X ASM 49400 and Senior status or Instructor Permission | F / S |
| ASM 49600 | Project Planning And Capstone Project | Capstone | ASM/ABE | ASM 22100 and Senior status or Instructor Permission. | Fall |
| FS 44300 | Food Product Design (Capstone) | Capstone | FS | AGEC 32700 or MGMT 32300 or (FS 44200 and FS 24500 and FS 46700 and FS 53000 and FS 36100). | Spring |
| N/A | Food Entrepreneurship and Manufacturing Institute (FEMI) | Option | OPEN | FS Department Approval needed for non-FS Majors. No course associated with this experience, successful participation/completion of this program is confirmed by department. An exception will be provided by the ENTR Program. | F, Sp or SS |
| HORT 42700 | Horticulture Capstone | Capstone | LACM, LADS, & LAEM/HOSC | graduate candidate status | Both |
| HORT 43500 | Developing An Agricultural Startup | Option | OPEN | AGEC 20300, AGECE 20400, ECON 21000, and ECON 21700 | Fall |
| EDUCATION | | Type | Major | Prereqs & Notes | Semester |
| EDPS 30000 | Student Leadership Development | Option | OPEN | | Both |
| ENGINEERING | | Type | Major | Prereqs & Notes | Semester |
| AAE 25100 | Introduction To Aerospace Design | Option | OPEN | ENGR 132, CGT 163 (co-req), CS 159 (co-req) | Both |
| AAE 35103 | Aerospace Systems Design | Option | AAE | AAE 25100 | Fall |
| AAE 41800 | Zero-Gravity Flight Experiment | Option | AAE | AAE 33300 | Variable |
| AAE 45000 | Spacecraft Design | Capstone | AAE | AAE 334, AAE 340, AAE 352, AAE 364, AAE 400 (co-req), AAE 339 OR AAE 438/AAE 439 (co-req) | Both |
| AAE 45100 | Aircraft Design | Capstone | AAE | AAE 334, AAE 340, AAE 352, AAE 364, AAE 400 (co-req), AAE 339 OR AAE 438/AAE 439 (co-req) | Both |
| AAE 45400 | Design Of Aerospace Structures | Option | AAE | AAE 35200, formerly listed as an approved course | n/a |
| AAE 53500 | Propulsion Design, Build, Test | Capstone | AAE | AAE 43900 or permission | Spring |
| AAE 55100 | Design Theory and Methods for Aerospace Systems | Option | AAE | | Variable |
| AAE 56000 | System-of-Systems Modeling and Analysis | Option | AAE | | Variable |
| AAE 58500 | Air Transportation Systems | Option | AAE | | Variable |
| *AAE 59000 Specific title only | Space Flight Operations | Option | AAE | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | F, Sp or SS |
| ABE 22600 | Biotechnology Lab I | Option | OPEN | Formerly IT 22600 | Fall |
| *ABE 33000 | Design of Machine Components | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Spring |
| ABE 48400 X ASM 49400 | Project Planning & Management | Capstone | ASM/ABE | ASM 22100 and Senior status or Instructor Permission. Cross-list courses have same title | Fall |
| ABE 48600 X ASM 49500 | Agricultural Engr Design X Agricultural Systems Mgmt Capstone Project | Capstone | ABE/ASM | ASM 22100, ABE 48400 X ASM 49400 and Senior status or Instructor Permission | F / S |
| ABE 48500 | Agricultural Engineering Project Management And Design | Capstone | ABE/ASM | See Departmental Prerequisites | Fall |
| ABE 55700 | Tranp Op Food and Bio Sys II | Option | ABE/CHE | ABE 45700, Formerly ABE 55500 | Fall |
| ABE 55800 | Biological & Food Process Design | Capstone | ABE/CHE | ABE 55700 | Spring |
| BME 39000 | Professional Development & Design in Biomedical Engineering | Option | BME | BME 29000 and BME 25600 | Spring |
| BME 48901 | Senior Design Project | Capstone | BME | BME 39000 and BME 49000 (may be taken concurrently) | Fall |
| CE 35500 X EEE 35500 | Engineering Environmental Sustainability | Option | OPEN | Sophomore standing or higher. Cross-list courses have same titles | Both |
| CE 49700 X CE 59700 X CEM 49700 Specific Titles Only | Ldrshp & Adv Proj Mgmt | Option | OPEN | Cross-list courses have same title | Fall |
| CE 59601 | Entrepreneurship and Business Strategy for Engineering - Entrprnshp Bus Strtgy In Eng | Capstone | OPEN | formerly listed as an option course | Variable |
| CE 59801 | Breakthrough Thinking for Complex Challenges | Capstone | OPEN | TBD | TBD |
| CEM 49700 X CE 49700 X CE 59700 Specific Titles Only | Ldrshp & Adv Proj Mgmt | Option | OPEN | Cross-list courses have same title | Fall |
| *CEM 59700 | Accounting and Finance for Managing Construction | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | F, Sp or SS |
| CHE 41200 | Chemical Engineering Design Research Problems | Option | CHE | TBD | F, Sp or SS |
| CHE 45000 | Design of Chemical Process Systems | Capstone | CHE | Pre: CHE 30600, 34800, 37800, Co-req: CHE 43500 | Both |

APPROVED COURSES FOR CERTIFICATE IN ENTREPRENEURSHIP AND INNOVATION - Page 3 of 5

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|----------------------------------|---|-------------|--------------|---|-----------------|
| ECE 20875 | Python for Data Science | Option | ECE | CS 15900, Minor students (and others) can apply for an override | Both |
| ECE 36200 | Microprocessor Systems and Interfacing | Option | ECE | CS 15900 or ECE 27000, Minor students (and others) can apply for an override | Both |
| ECE 47700 | Digital Systems Senior Project | Capstone | ECE | Instructor permission | Both |
| ECE 49022 | Senior Design Special Projects | Capstone | ECE | Senior standing or consent. Formerly ECE 40200 | Both |
| *ECE 49401 | Professional Communication Capstone | Option | ECE | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Both |
| *ECE 49595 Specific Title Only | Open Source Software | Capstone | ECE | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Both |
| ECE 49600 | EE and CMPE Projects | Option | ECE | ECE 20007 and ECE 20008 and ECE 27000 | Both |
| EEE 35500 X CE 35500 | Engineering Environmental Sustainability | Option | OPEN | Sophomore standing or higher. Cross-list courses have same titles | Both |
| EEE 48000 | Environmental And Ecological Engineering Senior Design | Capstone | EEE | Senior standing | Both |
| EEE 49500 Specific Title Only | Urban Water Projects | Option | OPEN | Formerly listed as an approved course | n/a |
| EEE 47200 | Community-Engaged Engineering & Design | Option | OPEN | Instructor permission. Previously EEE 495000 Specific Title Urban Water Projects | Spring |
| ENGR 30500 | Fundamentals of Innovation Theory and Practice | Option | OPEN | | Fall |
| ENGR 39697 Specific Title Only | Global Design Projects | Option | OPEN | | Variable |
| ENGR 39697 Specific Title Only | Learning While Working | Option | OPEN | For more information, contact pmfranci@purdue.edu | F, Sp or SS |
| ENGR 49001 | Breakthrough Thinking for Complex Challenges | Capstone | OPEN | | Variable |
| ENGR 49600 Specific Title Only | High Tech Entrepreneurship | Option | OPEN | | Variable |
| EPCS 100000:399999 | EPICS Participation | Option | OPEN | Total of 3 credits over 2 semesters. | Both |
| EPCS 400000:499999 | Senior Participation in EPICS | Capstone | OPEN | Total of 3 credit hours of 40000 level over 2 semesters | Both |
| IE 34300 | Engineering Economics | Option | OPEN | Pre: ENGR 12600, Co-req. CGT 16300 | Both |
| IE 54500 | Engineering Economics Analysis | Option | OPEN | IE 33500, Junior/Senior status | Both |
| IE 54600 | Economic Decisions in Engineering | Option | OPEN | A course in probability, Junior/Senior status | Spring |
| IE 56600 | Production Management Control | Option | OPEN | Junior standing or higher, Co-req IE 38300 | Both |
| *IDE 38500 | Design Methodologies For Diverse Stakeholders | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Fall |
| *IDE 48300 | Multidisciplinary Engineering Analysis And Decision Making | Option | IDE | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Fall |
| IDE 48500 | Multidisciplinary Design | Capstone | MDE | Pre: IE 343 or equiv, ENE approved design course, MA 262 or MA 265 & 266, dept permission. Pre or Coreq IDE 301 | Spring |
| THTR 59700 | Production & Design Seminar | Capstone | MDE | THTR 59700, must be taken twice | Spring |
| ME 26300 | Introduction to Mechanical Engineering Design | Option | ME | Pre:CGT 16300, ME 20000, 27000, Co-req: ME 29000, MA 2620 | Both |
| ME 44400 | Computer-aided Design and Prototyping | Option | ME | Senior standing | Both |
| ME 46300 | Engineering Design | Capstone | ME/SCI | ME 31500, 35200, 37500, MSE 23000 | F, Sp or SS |
| *ME 49601 Specific Title Only | Tools, Methods, and Techniques for Rapid, Iterative Product Design and Analysis | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Both |
| ME 55300 | Product and Process Design | Option | ME | Senior standing | Spring |
| ME 55400 | Intellectual Property for Engineers | Option | OPEN | Junior standing & Phys 17200 | Fall |
| *MSE 44000 | Materials Processing And Design II | Capstone | MSE | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Spring |
| N/A | "Entrepreneurial" Research in Materials Engineering | Option | MSE | Associated with MSE 49000 course. Only specific pre-approved entrepreneurial research projects from MSE Department. An exception will be provided by the ENTR Program. | |
| *MSE 57400 | Sports Technology and Entrepreneurship | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Variable |
| NUCL 47000 | Fuel Cell Engineering | Option | Sci/E/Tech | Junior standing or higher | Fall |
| NUCL 45000 | Design in Nuclear Engineering | Capstone | NUCL | See Departmental Prerequisites | Variable |
| VIP 17911 | First Year Participation in Vertically Integrated Projects (VIP) I | Option | OPEN | | Both |
| VIP 17912 | First Year Participation in Vertically Integrated Projects (VIP) II | Option | OPEN | | Both |
| *VIP 17910 | First-Year Participation in Vertically Integrated Projects (VIP) Lim | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Both |
| VIP 17920 | First Year Participation in Vertically Integrated Projects (VIP) | Option | OPEN | Formerly ENGR 17920 | Both |
| *VIP 27910 | Sophomore Participation in Vertically Integrated Projects (VIP) Lim | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Both |
| VIP 27920 | Sophomore Participation in Vertically Integrated Projects (VIP) | Option | OPEN | Formerly ENGR 27920 | Both |
| *VIP 27930 | Sophomore Participation in Vertically Integrated Projects (VIP) Ext | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Both |
| *VIP 37910 | Junior Participation in Vertically Integrated Projects (VIP) Lim | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Both |
| VIP 37920 | Junior Participation in Vertically Integrated Projects (VIP) | Option | OPEN | Formerly ENGR 37920 | Both |
| VIP 37930 | Junior Participation in Vertically Integrated Projects (VIP) Ext | Option | OPEN | TBD | Both |
| *VIP 47910 | Senior Participation in Vertically Integrated Projects (VIP) Lim | Capstone | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Both |
| VIP 47920 | Senior Participation in Vertically Integrated Projects (VIP) | Capstone | OPEN | Formerly ENGR 47920 | Both |
| VIP 47921 | Senior Design Participation in Vertically Integrated Projects (VIP) I | Capstone | ENGR/OPEN | Must be approved for Senior design in major and must be eligible for senior design in major | Both |
| VIP 47922 | Senior Design Participation in Vertically Integrated Projects (VIP) II | Capstone | ENGR/OPEN | Formerly ENGR 47922 Pre: ENGR/VIP 47921, Must be approved for Senior design in major and must be eligible for senior design in major | Both |
| VIP 47930 | Senior Participation in Vertically Integrated Projects (VIP) Ext | Capstone | OPEN | TBD | Both |
| HEALTH AND HUMAN SCIENCES | | Type | Major | Prereqs & Notes | Semester |
| CSR 30900 | Leadership | Option | CSR | College restriction until Open Registration | Both |
| CSR 34400 | Fundamentals of Negotiation | Option | CSR | AGEC 33100 and (CSR 315, 209, or 342 or consent of instructor) | Both |
| CSR 40600 | E-Retailing | Option | CSR | Must be enrolled in one of the following majors: Financial Counseling& Planning, Retail Management, Selling & Sales Management (Major restriction will be removed at open enrollment) Classifications Restrictions too. | Fall |

APPROVED COURSES FOR CERTIFICATE IN ENTREPRENEURSHIP AND INNOVATION - Page 4 of 5

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| HDFS 34800 | Admin. Of Social Service for Not-For-Profit Organizations | Option | OPEN | HDFS 20100 and HDFS 21000 (both minimum grade C-) | Fall |
| *HK 32700 | Introduction to Sports Management | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Fall |
| *HK 32800 | Business of Professional Sports | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Fall |
| HK 42400 | Health and Fitness Program Management | Option | OPEN | Junior or Senior Standing | Spring |
| *HK 42700 | Sports Marketing | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Fall |
| *HK 42800 | Sports Facility and Event Management | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Fall |
| *HSCI 22500 | Healthcare Leadership and Safety | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Both |
| HTM 31200 | Human Resources Mgmt. for the Service Industries | Option | HTM | Second semester Freshman or higher, Major restriction (HTMT) until open registration. | F, Sp or SS |
| HTM 44100 | Financial Management for the Hospitality Industry | Option | HTM | Pre-req: HTM 24100 or TCEM 24100; Co-req: Major restriction (HTMT) until open registration. | Both |
| HTM 49901 | Business Development In Hospitality And Tourism | Capstone | HTM | Formerly HTM 49900. Upper Division, formerly an "Option" course. Reference detailed class information for list of major and classification restrictions as well as prerequisites. | Both |
| NUR 41701 | Leadership in Nursing | Option | NUR | NUR 31401, 31501, 31601, 31701 & 31901 | Both |
| *PSY 27200 | Introduction to Industrial Organizational Psychology | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | F, Sp or SS |
| *PSY 47300 | Selection and Performance Appraisal in Organizations | Option | PSY | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Spring |
| *PSY 47500 | Work Motivation and Job Satisfaction | Option | PSY | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | |
| PUBH 32500 | Methods of Health Promotion and Education | Option | PUBH | Formerly HK 38500, PUBH 205 or HK 215 | Both |
| HONORS | | Type | Major | Prereqs & Notes | Semester |
| *HONR 22200 | Solutions Lab Global | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Both |
| *HONR 29900 Specific Title Only | High Tech Entrepreneurship | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | F, Sp or SS |
| *HONR 29900 Specific Title Only | Non-Profits and Philanthropy | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | F, Sp or SS |
| *HONR 31300 | Science, Technology and Society | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Fall |
| LIBERAL ARTS | | Type | Major | Prereqs & Notes | Semester |
| *AD 22800 | Visual Communication Design Computing I | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Fall |
| AMST 31000 | Invention, Innovation and Design | Option | OPEN | | Both |
| AMST 32500 | Sports, Technology and Innovation | Option | OPEN | | Both |
| *ANTH 38400 X TECH 22000 | Designing for People | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. Cross list courses have same title. | Both |
| COM 21700 | Science Writing and Presentations | Option | OPEN | | F, Sp or SS |
| *COM 22400 | Communicating in the Global Workplace | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | F, Sp or SS |
| COM 31400 | Advanced Presentational Speaking | Option | OPEN | Second semester Sophomore, COM 11400 or COM R1100 | F, Sp or SS |
| *COM 41900 | Judgement and Decision Making | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Spring |
| COM 43500 | Communication and Emerging Technologies | Option | OPEN | Junior standing or higher | Both |
| COM 44400 | Introduction to Communication and Social Entrepreneurship | Option | OPEN | | Variable |
| *COM 49101 | Boiler Communication | Capstone | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Both |
| COM 49503 | Public Relations for Social Change | Option | OPEN | not pre-req, but helpful COM 25300 or COM 25700 | Both |
| CHNS 22400 | Chinese Level IV: Business Chinese | Option | OPEN | formerly listed as an approved course | n/a |
| ENGL 42000*E0_ Sections Only | Business Writing *(for Entrepreneurship Certificate Students)* | Option | OPEN | Special Sections For ENTR Students only , ENGL 106 or 108 | F, Sp or SS |
| *ENGL 43300 | Writing Proposals and Grants | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | |
| FR 22400 | Professional French I | Option | OPEN | See Departmental Prerequisites | Variable |
| FR 32400 | Professional French II | Option | OPEN | See Departmental Prerequisites | Variable |
| FR 42400 | Professional French III | Option | OPEN | See Departmental Prerequisites | Variable |
| FVS 26100 | Foundations of Cinema Production | Option | Intrdisc Film/Vid | | Both |
| FVS 44600 | Producing Non-Fiction Video | Option | Intrdisc Film/Vid, FVP, FVS | FVS 33400 & FVS 33700. Priority to FVP | Both |
| FVS 49900 | Capstone in Film/Video/Media Production | Capstone | Intrdisc Film/Vid, FVP, FVS | Instructor permission. Priority to FVP | Both |
| GER 22300 | German Level IV: Scientific | Option | OPEN | See Departmental Prerequisites | Variable |
| GER 22400 | German Level IV: Business German | Option | OPEN | See Departmental Prerequisites | Variable |
| GER 32300 | German Level VI: Science and Engineering | Option | OPEN | See Departmental Prerequisites | Variable |
| GER 42400 | Business German | Option | OPEN | GER 30200 | Fall |
| GER 52400 | German for International Trade | Option | OPEN | GER 42400 or Instructor permission | Spring |
| IDIS 49000 - Specific Titles Only | International Internship (Lima, Peru or Seoul, South Korea) | Option | OPEN | | Summer |
| RUSS 42400 | Business Russian | Option | OPEN | See Departmental Prerequisites | Variable |
| SPAN 22400 | Spanish Level IV: Business Spanish | Option | OPEN | See Departmental Prerequisites | Variable |
| SPAN 32100 | Introduction to Spanish for the Professions | Option | OPEN | See Departmental Prerequisites | Variable |
| SPAN 32200 | Spanish for the Health Professions | Option | OPEN | See Departmental Prerequisites | Variable |
| SPAN 32300 | Humanities-informed Engineering Projects | Option | OPEN | TBD | TBD |
| SPAN 32500 | Spanish for Engineering and Technology | Option | OPEN | See Departmental Prerequisites | Variable |
| SPAN 42400 | Business Spanish | Option | OPEN | SPAN 30200 | Both |
| SPAN 48500 | Food and Culture in the Hispanic World | Option | OPEN | TBD | TBD |

APPROVED COURSES FOR CERTIFICATE IN ENTREPRENEURSHIP AND INNOVATION - Page 5 of 5

refer to www.purdue.edu/entr for most up to date list (as of 2/2024)

| WGSS 39000 Specific Title Only X ENTR 47000 | Gender, Diversity and Leadership | Option | OPEN | Cross-list courses have same title. Former title Women and Leadership | Spring |
|---|---|-------------|---------------|---|-----------------------|
| MANAGEMENT | | Type | Major | Prereqs & Notes | Semester |
| MGMT 11000 | Intro to MGMT & Info Strat | Option | MGMT | | Fall |
| *MGMT 25400 | Legal Foundations Of Business I | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | F, Sp or SS |
| MGMT 30400 | Introduction to Financial Management | Option | Non-MGMT | Previously listed as MGMT 39000 | F, Sp or SS |
| *MGMT 39100 X TECH 34000 | Strategic Thinking and Decision Making X Prototyping Technology for People | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Both |
| MGMT 41350 | Venture Capital and Entrepreneurial Finance | Option | OPEN | Priority to MGMT and Instructor permission, MGMT 31000 | Spring |
| MGMT 42000 | Consumer Behavior and Analytics | Option | MGMT | MGMT 32400 | Both |
| MGMT 42300 | New Product Development | Option | MGMT | MGMT 32300 or MGMT 32400 | Spring |
| MGMT 42910 | Experiential Marketing | Option | MGMT | MGMT 42110 or MGMT 42500 or MGMT 42710. Consult Instructor, formerly known as Entrepreneurial Marketing | Spring |
| MGMT 44433 | Leading and Working in Teams | Option | OPEN | Priority to MGMT and Instructor permission, OBHR 33000 and MGMT 44428 or MGMT 44301 | Both |
| MGMT 44710 | Competitive Strategy | Option | MGMT | Co-or Pre-Reqs: MGMT 45100 or MGMT 35200 | Fall |
| MGMT 44810 | Technology Strategy | Option | MGMT | MGMT 35200 or MGMT 45100 | Spring |
| MGMT 45200 | Manufacturing Strategy And Process Innovation | Option | MGMT | MGMT 45100 Min Gr of C- or UG level MGMT 35200 Min Gr of C-) and (UG level MGMT 46000 Min Gr of C- or UG level MGMT 36100 Min Gr of C-) | Spring |
| MGMT 48400 | Management of Entrepreneurial Ventures | Capstone | OPEN | | F, Sp or SS |
| MGMT 48800 | Data-Driven Decisions in Digital Marketing | Option | MGMT | | Fall |
| MGMT 49400 | IBE Capstone | Capstone | IBE | Scheduled offering in Spring 2025 | Spring |
| MGMT 59000 Specific Title Only | Student Managed Venture Fund | Option | OPEN | Instructor permission | Variable |
| PHARMACY | | Type | Major | Prereqs & Notes | Semester |
| *CLPH 45000 | Formulary Dossier Management | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Fall |
| *PHRM 42700 | Pharmacy Leadership Seminar | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Fall |
| *PHRM 49000 Specific Title Only | Intro to Leadership in Pharmacy Practice | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | F, Sp or SS |
| PHRM 83100 | Health Care Systems | Option | PHARM | P-1 Standing | Spring |
| PHRM 84900 | Population Health Management | Option | PHARM | P-2 Standing | Spring |
| PHRM 86900 | Practice Management & Marketing of Professional Services | Capstone | PHARM | P-3 Standing | Spring |
| PHRM 87000 | Health Policy Applications | Option | PHARM | P-3 Standing | Fall |
| *PHRM 87100 | Jurisprudence | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Spring |
| POLYTECHNIC | | Type | Major | Prereqs & Notes | Semester |
| AT 40900 | Unmanned Aerial Systems Project Planning & Mgmt | Capstone | UAS | AT 31900 | Fall |
| AT 41200 | Aviation Finance | Option | AT | MGMT 20100 | Fall |
| AT 49800 | Aviation Technology Capstone | Option | AT | Senior standing | Both |
| CGT 41201 and CGT 45001 | Contemporary Problems In Applied Computer Graphics II & Computer Graphics Professional Practices II | Option | CGT | CGT 25001 / CGT 41101, Sophomores and Seniors, formerly CGT 41100 and CGT 45000 | Variable |
| CM 40000 | Construction Capstone I | Capstone | CM | CM 30000 and CM 35000 and MGMT 21200 or MGMT 20000 all C- or higher | Both |
| CM 45000 | Construction Capstone II | Option | CM | CM 40000 | Both |
| CNIT 48000 | Managing IT Projects | Option | C&IT | Second semester Junior, CNIT 28000 with minimum grade of C- | F, Sp or SS |
| ENGT 48100 | Engineering Technology Capstone II | Capstone | PTI | ENGT 48000. formerly MET, MFET, ECET, IT capstones | Fall and Spring |
| IET 21400 | Introduction to Supply Chain Management Technology | Option | OPEN | Formerly TLI 21400 | F, Sp or SS |
| *IET 23500 | Introduction to Systems Thinking and Process Improvement | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Fall |
| IET 33400 | Economic Analysis For Technology Systems | Option | OPEN | MA 15800 or higher: Formerly TLI 33400 and Formerly IET 45100/IT 45000 | F, Sp or SS |
| IET 34300 | Technical and Service Selling | Option | OPEN | None, formerly IT 33000 | Variable, typically F |
| IET 44275 | Global Transportation and Logistics Management | Option | OPEN | IET 21400 & IET 34200 (may be taken concurrently), formerly IT 43400 | Fall |
| *TECH 22000 X ANTH 38400 | Designing Technology For People | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. Cross-list courses have same title. | Both |
| *TECH 34000 X MGMT 39100 | Prototyping Technology for People X Strategic Thinking and Decision Making | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | Both |
| TLI 31400 | Leading Innovation in Organizations | Option | TLI | | Both |
| TLI 31500 | New Product Development | Option | TLI | | Fall |
| SCIENCE | | Type | Major | Prereqs & Notes | Semester |
| COM 21700 | Science Writing and Presentations | Option | OPEN | | F, Sp or SS |
| CS 40700 | Software Engineering Senior Project | Capstone | CS | Senior Status, formerly listed as an Option course | F, Sp or SS |
| CS 49000 Specific Title Only | Data Science Capstone | Capstone | CS | Senior Status | Variable |
| N/A | Great Issues | Option | OPEN | All Great Issues in Science Courses-view link for specific offerings https://www.purdue.edu/science/Current_Students/curriculum_and_degree_requirements/Great%20Issues%20Course%20NEW.html | Variable |
| SCI 49000 Specific Title Only | Dean's Executive Forum | Option | Jrs & Srs CoS | Junior standing or higher CoS | Fall |
| *STAT 30301 | Probability and Statistics for Business | Option | OPEN | Newly approved course not built into the current plan of study. An exception will be provided by the ENTR Program. | F, Sp or SS |