

APPROVED COURSES FOR CERTIFICATE IN ENTREPRENEURSHIP AND INNOVATION - Page 1 of 7

refer to www.purdue.edu/entr for most up to date list (as of 8/27/2026)

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					
<i>Substitution of an additional capstone for one of the required option courses is permitted.</i>					
<i>Courses designated "OPEN" on the approved list are available to all program participants, where space permits and prerequisites have been met.</i>					
<i>"X" indicates courses are cross-listed</i>					
* indicates newly approved courses not yet programmed in myPurduePlan. An exception can be provided by the ENTR Program.					
Several approved "specific" titles from variable titled courses are listed however they are not programmed in mPurduePlan. An exception can 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
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 - former	Venture Planning Studio	Capstone	OPEN	Formerly offered. ENTR 20000, 31000/31500/32500. formerly titled Venture Planning Capstone	n/a
ENTR 49000	Discover Indy Entrepreneurship	Capstone	PIN	Department approval required.	Both
ENTR 39699 - IO 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 Mentorship	Option	OPEN	Current or former undergraduate researcher and instructor permission	F, Sp or SS
ILS 59500 Specific Title Only - former	Information Strategies for Entrepreneurship and Innovation	Option	OPEN	formerly listed as an approved course	n/a
ILS 17500 - former	Information Strategies for HTM	Option	OPEN	formerly listed as an approved course	n/a
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 10709	Global Entrepreneurship in London	Option/Capstone			Spring Break
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

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AGRICULTURE		Type	Major	Prereqs & Notes	Semester
AGEC 32700	Principles of Food and Agribusiness Marketing	Option	OPEN	TBD	TBD
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 36500	Agribusiness Entrepreneurship	Option	OPEN	TBD	TBD
AGEC 42400	Financial Management of Agricultural Business	Option	OPEN	AGEC 31100/33000 or MGMT 20000/20010 or BUS A20100	Both
AGEC 42700	Advanced Agribusiness Marketing	Capstone	OPEN	Formerly list as an option course. AGECE 33000 / MGMT 32300 or MGMT 32400, AGECE 32700	Fall
AGEC 42900	Agri-Marketing Analytics	Capstone	OPEN	AGECE 32700/MGMT 32300 and AGECE 42700	Spring
AGEC 43000	Agricultural and Food Business Strategy	Capstone	OPEN	AGECE 32700/MGMT 32300 and AGECE 42400	Both
AGEC 43100	Advanced Industrial Sales and Marketing	Capstone	OPEN	formerly listed as an option course	Fall
AGEC 49800 Specific Title Only - former	Agribusiness Entrepreneurship	Option	OPEN	formerly listed as an approved course	n/a
AGEC 49800 Specific Title Only	Agribusiness Venture Building	Option	OPEN	TBD	Variable
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	TBD	TBD
ANSC 44000	Horse Management	Option	AG	ANSC 22100	Variable
ANSC 44100	Beef Management	Option	ANSC	TBD	TBD
ANSC 44200	Sheep Management	Option	ANSC		Spring
ANSC 44300	Swine Management	Option	ANSC		Spring
ANSC 44400	Dairy Management	Option	ANSC	TBD	TBD
ANSC 44500	Poultry Management	Option	ANSC	TBD	TBD
ANSC 48500	Dairy Farm Evaluation	Option	ANSC		Spring
ANSC 49400 - former	Animals and Food Security Service Learning	Capstone	ANSC	formerly listed as an approved course	SS
ANSC 49500 Specific Title Only	Food Security and Environmental Challenges in Vietnam	Option	ANSC		Spring
ASEC 28500 X COM 28500	Introduction to Publication Design	Option	OPEN		Spring
ASEC 43100 - former X BTNY 43100	Planning for International Engagement Methods	Option	OPEN	ASEC formerly offered, BTNY is offered	Both
ASEC 43110 - former X BTNY 43110	International Engagement Methods	Capstone	OPEN	ASEC formerly offered, BTNY is offered. ASEC 43100, See Department	Both
ASEC 43120 - former X BTNY 43120	Evaluating Peru International Engagement Methods	Option	OPEN	ASEC formerly offered, BTNY is offered	Spring
ASEC 48000	Agricultural Communication Capstone Seminar	Capstone	ASEC	TBD	TBD
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
BTNY 43100	Planning for International Engagement Methods	Option	OPEN	formerly crosslisted with ASEC	Both
BTNY 43110 X ASEC 43110	International Engagement Methods	Capstone	OPEN	ASEC 43100, See Department	Both
BTNY 43120	Evaluating Peru International Engagement Methods	Option	OPEN	formerly crosslisted with ASEC	Spring
FS 41000 X SFS 41000	Boilermaker Sauces & Pickles	Option	FS	formerly listed as FS 49100 X SFS 39100 Specific Title Only Boilermaker Sauces & Pickles	Variable
FS 44300	Food Product Design (Capstone)	Capstone	FS	AGECE 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. Exception provided by ENTR Program.	F, Sp or SS
HORT 31700	Landscape Contracting and Management	Option	HORT & LA		TBD
HORT 42700	Horticulture Capstone	Capstone	HORT & LA	graduate candidate status	Both
HORT 43500	Developing An Agricultural Startup	Capstone	OPEN	formerly listed as an option course. AGECE 20300, AGECE 20400, ECON 21000, and ECON 21700	Fall
LA 42600	Capstone Course in Landscape Architecture	Capstone	HORT & LA	TBD	TBD
SFS 21100	Small Farm Experience II	Option	HORT	TBD	TBD
SFS 35100	SFS Capstone Project	Capstone	HORT & LA	TBD	TBD
SFS 41000 X FS 41000	Boilermaker Sauces & Pickles	Option	FS	formerly listed as FS 49100 X SFS 39100 Specific Title Only Boilermaker Sauces & Pickles	Variable
BUSINESS		Type	Major	Prereqs & Notes	Semester
DSB 11000	Intro to MGMT & Info Strat	Option	MGMT	formerly MGMT 11000	Fall
DSB 49000 Specific Title Only	Hacking for Defense	Capstone	OPEN	TBD	TBD
DSB 59000 Specific Title Only	Student Managed Venture Fund	Option	OPEN	formerly MGMT 59000 with specific title. Instructor permission	Variable
ECON 43200	Economics of Growth Innovation	Option	ECON	TBD	TBD
FIN 30400	Introduction to Financial Management	Option	Non-MGMT	formerly MGMT 30400. Previously listed as MGMT 39000	F, Sp or SS
FIN 41350	Venture Capital and Entrepreneurial Finance	Option	OPEN	formerly MGMT 41350. Priority to MGMT and Instructor permission, MGMT 31000	Spring
IBE 49400	IBE Capstone	Capstone	IBE	formerly MGMT 49400.	Spring
MIS 47800 X QM 47800	Experiential Projects in Analytics	Capstone	MIS/QM	TBD	TBD
MIS 48800	Data-Driven Decisions in Digital Marketing	Option	MGMT	formerly MGMT 48800	Fall
MKTG 42000	Consumer Behavior and Analytics	Option	MGMT	formerly MGMT 42000. MGMT 32400	Both
MKTG 42300	New Product Development	Option	MGMT	formerly MGMT 42300. MGMT 32300 or MGMT 32400	Spring
MKTG 42910	Experiential Marketing	Option	MGMT	formerly MGMT 42910. MGMT 42110 or MGMT 42500 or MGMT 42710. Consult Instructor, formerly known as Entrepreneurial Marketing	Spring

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OBHR 39100 X TECH 34000 X TLI 46000	Strategic Thinking and Decision Making X Prototyping Technology for People X Teaching Design And Innovation II	Capstone	OPEN	OBHR 39100 formerly listed as MGMT 39100. formerly listed as an option course	Both
OBHR 44433	Leading and Working in Teams	Option	OPEN	formerly MGMT 44433. Priority to MGMT and Instructor permission, OBHR 33000 and MGMT 44428 or MGMT 44301	Both
QM 47800 X MIS 47800	Experiential Projects in Analytics	Capstone	MIS/QM	TBD	TBD
STRT 22000	Making the Business Case	Option	DBS	TBD	TBD
STRT 25400	Legal Foundations Of Business I	Option	OPEN	formerly MGMT 25400	F, Sp or SS
STRT 31200	Challenge X: Discovering Meaningful Problems Worth Solving	Option	OPEN	TBD	Fall
STRT 31300	Solution X - Designing And Building The Product To Address Challenge X	Capstone	OPEN	TBD	Spring
STRT 31400	MODEL X - Assembling And Attracting Resources For Launch	Capstone	OPEN	TBD	Summer
STRT 33200	Business World Problem Solving	Capstone	OPEN	formerly MGMT 33200	TBD
STRT 44630	Innovation Management	Option	DBS	TBD	TBD
STRT 44710	Competitive Strategy	Option	MGMT	formerly MGMT 44710. Co-or Pre-Reqs: MGMT 45100 or MGMT 35200	Fall
STRT 44810	Technology Strategy	Option	MGMT	formerly MGMT 44810. MGMT 35200 or MGMT 45100	Spring
STRT 45200	Manufacturing Strategy And Process Innovation	Option	MGMT	formerly MGMT 45200. 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
STRT 48400	Management of Entrepreneurial Ventures	Capstone	OPEN	formerly MGMT 48800	F, Sp or SS
STRT 49200	Intellectual Property Managemetn	Option	DBS	TBD	TBD
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 - former	Design Of Aerospace Structures	Option	AAE	formerly offered 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 - former	Air Transportation Systems	Option	AAE	formerly offered course	n/a
AAE 59000 Specific Title Only	Space Flight Operations	Option	AAE		F, Sp or SS
ABE 22600	Biotechnology Lab I	Option	OPEN	Formerly IT 22600	Fall
ABE 33000	Design of Machine Components	Option	OPEN		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 48500	Agricultural Engineering Project Management And Design	Capstone	ABE/ASM	See Departmental Prerequisites	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 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 30200	Professional Development & Design in Biomedical Engineering	Option	BME-PIN	TBD	TBD
BME 48901	Senior Design Project	Capstone	BME	BME 39000 and BME 49000 (may be taken concurrently)	Fall
BME 49200	Senior Design Project	Capstone	BME	TBD	TBD
CCE 35500 X EEE 35500	Engineering Environmental Sustainability	Option	OPEN	formerly listed as CE 33500. Sophomore standing or higher. Cross-list courses have same titles	Both
CCE 52100	Construction Business Management	Option	CE	formerly listed as CE 52100	TBD
CCE 52701	Leadership and Advanced Project Management	Option	OPEN	formerly listed as CE 49700 X CE 59700 X CEM 49700 Specific Titles Only - Ldrshp & Adv Proj Mgmt, except CE 59700 Adv Proj Mgmt & Analysis	TBD
CCE 59601	Entrepreneurship and Business Strategy for Engineering	Capstone	OPEN	formerly CE 59601	Variable
CCE 59801	Breakthrough Thinking for Complex Challenges	Capstone	OPEN	formerly CE 59801	TBD
CCE 59700 Specific Title Only	Accounting and Finance for Managing Construction	Option	OPEN		F, Sp or SS
CHE 41200 - former	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
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 39595 Specific Title Only	The Entrepreneurial Engineer	Option	ECE	TBD	TBD
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		Both
*ECE 49595 Specific Title Only	Senior Design Part II: EMB	Capstone	ECE	TBD	TBD
*ECE 49595 Specific Title Only	Senior Design Part II: OSS	Capstone	ECE	formerly just title of Open Source Software	TBD

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ECE 49600	EE and CMPE Projects	Option	ECE	ECE 20007 and ECE 20008 and ECE 27000	Both
EEE 35500 X CCE 35500	Engineering Environmental Sustainability	Option	OPEN	Sophomore standing or higher. Cross-list courses have same titles	Both
EEE 47200	Community-Engaged Engineering & Design	Option	OPEN	Instructor permission. Previously EEE 495000 Specific Title Urban Water Projects	Spring
EEE 48002	Environmental And Ecological Engineering Senior Design II	Capstone	EEE	Formerly listed as EEE 48000	Both
EEE 49500 Specific Title Only - former	Urban Water Projects	Option	OPEN	Formerly listed as an approved course	n/a
*ENGR 10301 Specific Title Only	Intro to Silicon Valley and Tech Industry	Option	OPEN	newly approved courses not yet programmed in myPurduePlan. An exception can be provided by the ENTR Program.	Spring
ENGR 30500	Fundamentals of Innovation Theory and Practice	Option	OPEN		Fall
ENGR 31000	Engineering In Global Context	Option	OPEN	PWL campus only. Newly approved course not yet program in myPurduePlan. An exception can be provided by the ENTR Program.	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 39697 - Specific Title Only	Venture Meets Mission	Option	OPEN	TBD	TBD
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	Any single EPCS course in this range, regardless of credit hours. Formerly: Total of 3 credits over 2 semesters.	Both
EPCS 40200	Senior Participation in EPICS	Capstone	OPEN	EPCS Capstone requires a 2 credit course. Formerly: Total of 3 credit hours of 40000 level over 2 semesters	Both
EPCS 41200	Senior Participation in EPICS	Capstone	OPEN	EPCS Capstone requires a 2 credit course. Formerly: Total of 3 credit hours of 40000 level over 2 semesters	Both
EPCS 41201	Senior Participation in EPICS	Capstone	OPEN	EPCS Capstone requires a 2 credit course. Formerly: Total of 3 credit hours of 40000 level over 2 semesters	Both
EPCS 41202	Senior Participation in EPICS	Capstone	OPEN	EPCS Capstone requires a 2 credit course. Formerly: Total of 3 credit hours of 40000 level over 2 semesters	Both
IDE 38500	Design Methodologies For Diverse Stakeholders	Option	OPEN		Fall
IDE 48300	Multidisciplinary Engineering Analysis And Decision Making	Option	IDE		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
IE 34300	Engineering Economics	Option	OPEN	Pre: ENGR 12600, Co-req. CGT 16300	Both
IE 43100	Industrial Engineering Design	Capstone	IE	TBD	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 551000	Digital Transformation in Industrial Businesses	Option	IE	TBD	TBD
IE 56600	Production Management Control	Option	OPEN	Junior standing or higher, Co-req IE 38300	Both
THTR 59700	Production & Design Seminar	Capstone	MDE	no longer needs to be taken twice for ENTR requirement	Spring
ME 26300 - former	Introduction to Mechanical Engineering Design	Option	ME	formerly listed as an approved course	n/a
ME 36400	Systematic Engineering Design	Option	ME	TBD	TBD
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		Both
ME 51601	Mechanics Innovation Using TRIZ	Option	OPEN	TBD	TBD
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		Spring
MSE 57400	Sports Technology and Entrepreneurship	Option	OPEN		Variable
N/A	"Entrepreneurial" Research in Materials Engineering	Option	MSE	Associated with MSE 49900. Only pre-approved entrepreneurial research projects from MSE Department. Exception will be provided by ENTR Program.	Variable
MSPE 32000	Motorsport Design I	Option	MSPE	TBD	TBD
MSPE 41400	Motorsports Design II	Capstone	MSPE	TBD	TBD
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 17910	First-Year Participation in Vertically Integrated Projects (VIP) Lim	Option	OPEN		Both
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 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		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		Both
VIP 37910	Junior Participation in Vertically Integrated Projects (VIP) Lim	Option	OPEN		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		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 & be eligible for senior design in major	Both
VIP 47930	Senior Participation in Vertically Integrated Projects (VIP) Ext	Capstone	OPEN	TBD	Both

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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 40400	Strategic Management for Service Industries	Capstone	CSR	TBD	TBD
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
CSR 41800	Selling and Sales Management Capstone	Capstone	CSR	TBD	TBD
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		Fall
HK 32800	Business of Professional Sports	Option	OPEN		Fall
HK 42400 - former	Health and Fitness Program Management	Option	OPEN	formerly listed as an approved course	n/a
HK 42700	Sports Marketing	Option	OPEN		Fall
HK 42800	Sports Facility and Event Management	Option	OPEN		Fall
HSCI 22500	Healthcare Leadership and Safety	Option	OPEN		Both
HTM 24100	Managerial Accounting in Service Industries	Option	HTM	TBD	TBD
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 34100 - former	Operations Control and Analysis in the Hospitality Industry	Option	HTM	formerly listed as an approved course	n/a
HTM 34200	Financial Management for Services Industries	Option	HTM		
HTM 35700	Disruption and Innovation in Hospitality and Tourism	Option	HTM	TBD	TBD
HTM 44100 - former	Financial Management for the Hospitality Industry	Option	HTM	formerly listed as an approved course	n/a
HTM 44300	Hospitality Operations and Control Analysis	Option	HTM	TBD	TBD
HTM 49901	Business Development In Hospitality And Tourism	Capstone	HTM	Formerly HTM 49900. Upper Division, formerly an "Option" course. Reference detailed class information for restrictions as well as pre-req.	Both
NUR 41701	Leadership in Nursing	Option	NUR	NUR 31401, 31501, 31601, 31701 & 31901	Both
PSY 27200	Introduction to Industrial Organizational Psychology	Option	OPEN		F, Sp or SS
PSY 47300	Selection and Performance Appraisal in Organizations	Option	PSY		Spring
PSY 47500	Work Motivation and Job Satisfaction	Option	PSY		
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 22000	Community of Inquiry	Option	OPEN	TBD	TBD
HONR 22200	Solutions Lab Global	Option	OPEN		Both
HONR 29900 Specific Title Only - former	High Tech Entrepreneurship	Option	OPEN	formerly listed as an approved course	n/a
HONR 29900 Specific Title Only	Non-Profits and Philanthropy	Option	OPEN		F, Sp or SS
HONR 31300	Science, Technology and Society	Option	OPEN		Fall
HONR 46400	Scholarly Project	Capstone	OPEN	TBD	TBD
LIBERAL ARTS		Type	Major	Prereqs & Notes	Semester
AD 22800	Visual Communication Design Computing I	Option	OPEN		Fall
AD 22900	Visual Communication Design Computing II	Option	AD	TBD	TBD
AD 31500	Design Methodology	Option	AD	TBD	TBD
AD 31600	Seminar on Ideas in Industrial Design I	Option	AD	TBD	TBD
AD 47800	Internship in Art and Design	Capstone	AD	TBD	TBD
AMST 31000	Invention, Innovation and Design	Option	OPEN		Both
AMST 32500	Sports, Technology and Innovation	Option	OPEN		Both
ANTH 38400 X TECH 22000 X TLI 36700	Designing for People X Teaching Design and Innovation I	Option	OPEN		Both
COM 21700	Science Writing and Presentations	Option	OPEN		F, Sp or SS
COM 22400	Communicating in the Global Workplace	Option	OPEN		F, Sp or SS
COM 28500 X ASEC 28500	Introduction to Publication Design	Option	OPEN		Spring
COM 31400 X COM 31500	Advanced Presentational Speaking X Speech Communication of Technical Information	Option	OPEN	Second semester Sophomore, COM 11400 or COM R1100 / TBD	F, Sp or SS
COM 40002	Sports Content Creation	Option	OPEN	TBD	TBD
COM 41900	Judgement and Decision Making	Option	OPEN		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 47900	Crisis Communication	Option	OPEN	TBD	TBD
COM 49101	Boiler Communication	Capstone	OPEN		Both
COM 49503	Public Relations for Social Change	Option	OPEN	not pre-req, but helpful COM 25300 or COM 25700	Both
COM 49507	Executive Communication	Option	OPEN	TBD	TBD
CHNS 22400 - former	Chinese Level IV: Business Chinese	Option	OPEN	formerly listed as an approved course	n/a
DANC 34500	Choreography	Option	OPEN		
ENGL 43300	Writing Proposals and Grants	Option	OPEN		

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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
FLM 24100	Foundations of Cinema Production	Option	Intrdisc Film/Vid	Formerly listed as FVS 26100	
FLM 44600	Producing Non-Fiction Video	Option	Intrdisc Film/Vid, FVP, FVS, FLM	FVS 33400 & FVS 33700. Priority to FVP. Formerly listed as FVS 44600	Both
FLM 49900	Capstone in Film/Video/Media Production	Capstone	Intrdisc Film/Vid, FVP, FVS, FLM	Instructor permission. Priority to FVP. Formerly listed as FVS 49900	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
THTR 44000	Directing: Stage to Page	Option	OPEN		
THTR 49702	Capstone Performances	Capstone	Restricted		
WGSS 39000 Specific Title Only	Women And Leadership	Option	OPEN		Spring
PHARMACY		Type	Major	Prereqs & Notes	Semester
CLPH 45000	Formulary Dossier Management	Option	OPEN		Fall
PHRM 42500	Pharmacy Leadership and Innovation Forum	Option	OPEN	TBD	TBD
PHRM 42700 - former	Pharmacy Leadership Seminar	Option	OPEN	formerly listed as an approved course	n/a
PHRM 49000 Specific Title Only	Intro to Leadership in Pharmacy Practice	Option	OPEN		F, Sp or SS
PHRM 83100 - former	Health Care Systems	Option	PHARM	formerly listed as an approved course	n/a
PHRM 84300	Population Health Management	Option	PHARM	TBD	TBD
PHRM 84900 - former	Population Health Management	Option	PHARM	formerly listed as an approved course	n/a
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		Spring
PHSC 46100	Drug Discovery and Development II	Option	PHSC		TBD
PHSC 46000	Drug Discovery and Development I	Capstone	PHSC		
POLYTECHNIC		Type	Major	Prereqs & Notes	Semester
AT 40900 - former	Unmanned Aerial Systems Project Planning & Mgmt	Capstone	UAS	formerly listed as an approved CAPSTONE course	n/a
AT 40900	Advanced Air Mobility: Management and Operations	Option	UAS	TBD	TBD
AT 41200	Aviation Finance	Option	AVMT/AENT/AVFT/UAS	MGMT 20100	Fall
AT 41901	Advanced Air Mobility Capstone	Capstone	UAS	TBD	TBD
AT 42101	Managerial Economics and Aviation	Option	AVMT	TBD	TBD
AT 43900	Aviation Command Leadership	Option	AVFT	TBD	TBD
AT 48900	Capstone for Professional Flight Status	Capstone	AVFT	AT 35300	Both
AT 49600	Applied Research Proposal	Option	AENT	AT 30802(CC), and STAT 30100	Both
AT 49700	Applied Research Project	Capstone	AENT	AT 49600	TBD
AT 49800	Aviation Technology Capstone	Capstone	AVMT	Class restricted to 06,07,08 Aviation Majors	Both
AT 49800 - former	Aviation Technology Capstone	Option	AT	formerly listed as an approved course	n/a
CGT 32800	Business of Themed Entertainment	Option	PIN	TBD	TBD
CGT 41100	Contemporary Problems in Applied Computer Graphics	Capstone	PIN	TBD	TBD
CGT 41101	Contemporary Problems in Applied Computer Graphics I	Capstone	CGT	formerly listed an an approved option course	TBD
CGT 41201	Contemporary Problems In Applied Computer Graphics II	Option	CGT	CGT 25001 / Formerly required both CGT 45001 + CGT 41201	Variable
CGT 41600	Senior Design Capstone	Capstone	PIN	TBD	TBD
CM 40000	Construction Capstone I	Capstone	CM	CM 30000 and CM 35000 and MGMT 21200 or MGMT 20000 all C- or higher	Both
CM 45001	Construction Capstone II	Option	CM	CM 40000, Formerly listed as CM 45000	Both
CNIT 48000	Managing IT Projects	Option	C&IT	Second semester Junior, CNIT 28000 with minimum grade of C-	F, Sp or SS
ENGT 48000	Engineering Technology Capstone I	Option	PTI		Fall and Spring

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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		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 34200	Warehouse and Inventory Management	Option	OPEN	TBD	TBD
IET 34300	Technical and Service Selling	Option	OPEN	None, formerly IT 33000	Variable
IET 44275	Global Transportation and Logistics Management	Option	OPEN	IET 21400 & IET 34200 (may be taken concurrently), formerly IT 43400	Fall
INT 42800	Interior Design Capstone Design Project	Capstone	INT	TBD	TBD
INT 45300	Business Practices of Interior Design	Option	INT	TBD	TBD
MFET 31301	The Business of Managing Digital Product Data	Option	OPEN	TBD	TBD
TECH 22000 X ANTH 38400 X TLI 36700	Designing Technology For People X Teaching Design and Innovation I	Option	OPEN		Both
TECH 34000 X OBHR 39100 X TLI 46000	Prototyping Technology for People X Strategic Thinking and Decision Making X Teaching Design And Innovation II	Capstone	OPEN	formerly listed as an option course OBHR formerly MGMT	Both
TECH 39699	Professional Practice Internship	Option	INT	TBD	TBD
TLI 31400	Leading Innovation in Organizations	Option	TLI		Both
TLI 31500	New Product Development	Option	TLI		Fall
TLI 36700 X TECH 22000 X ANTH 38400	Teaching Design and Innovation I X Designing Technology For People	Option	OPEN		Both
TLI 46000 X TECH 34000 X OBHR 39100	Teaching Design and Innovation II X Prototyping Technology for People X Strategic Thinking and Decision Making	Capstone	OPEN	formerly listed as an option course OBHR formerly MGMT	Both
SCIENCE		Type	Major	Prereqs & Notes	Semester
COM 21700	Science Writing and Presentations	Option	OPEN		F, Sp or SS
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
CS 36100	Great Issues In Computer Science	Option	PIN		Both
*CS 39000 - Specific Title Only	AI Forge	Option	CS	TBD	TBD
CS 40700	Software Engineering Senior Project	Capstone	CS	Senior Status, formerly listed as an Option course	F, Sp or SS
CS 44100	Data Science Capstone	Capstone	CS	formerly listed as CS 49000 - Data Science Capstone	TBD
MA 37300	Financial Mathematics	Option	OPEN	TBD	TBD
PHIL 20700	Ethics for Technology, Engineering, and Design	Option	OPEN	TBD	TBD
PHIL 20800	Ethics for Data Science	Option	OPEN	TBD	TBD
PHIL 32200	Philosophy and Technology	Option	OPEN	TBD	TBD
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		F, Sp or SS
STAT 41800	Computational Methods in Data Science	Option	OPEN	TBD	TBD