

INNOVATION AND ENTREPRENEURSHIP MINOR

This program is available at the following locations:

- Corvallis
- Ecampus
- OSU-Cascades

The Innovation and Entrepreneurship (I&E) minor equips students with skills to recognize and seize market opportunities by providing insights into the creation and commercialization of new ideas. The I&E minor combines a fundamental business class curriculum—which emphasizes experiential learning, real-life business projects, and a flagship business competition—with discipline-specific classes to help students develop an entrepreneurial mindset and the skills necessary to build a successful career in any type of organization or setting.

Students can choose to take electives in Focus Areas that emphasize their interests and professional goals.

Minor Code: 042

Upon successful completion of the program, students will meet the following learning outcomes:

- Apply an entrepreneurial mindset to identify and evaluate opportunities for innovation or venture creation and growth.
- Prototype innovative solutions that address complex business and societal challenges.
- Develop strategic, financial, legal, operational, and organizational roadmaps to effectively launch and manage startups, innovative products, or new initiatives.
- Develop and communicate clear, evidence-based solutions and proposals to diverse stakeholders.

Code	Title	Credits
Required Core		
BA 260	FOUNDATIONS OF THE ENTREPRENEURIAL MINDSET	4
BA 361	IDEATION AND CREATIVE THINKING	4
BA 363	INNOVATION MANAGEMENT	4
or BA 460	VENTURE MANAGEMENT	4
DSGN 341	DESIGN THINKING AND PROCESS INNOVATION	4
I&E Electives		
Select a minimum of 7 credits from the following courses:		7
BA 315	ACCOUNTING FOR DECISION MAKING	
BA 362	SOCIAL ENTREPRENEURSHIP AND SOCIAL INITIATIVES	
BA 367	DIGITAL VENTURE LAUNCH	
BA 368	ADVANCED DIGITAL VENTURE LAUNCH	
BA 458	INNOVATION AND NEW PRODUCT DEVELOPMENT	
BA 467	NEW VENTURE LABORATORY	
BA 468	TECHNOLOGY COMMERCIALIZATION	
FIN 469	VENTURE FINANCE	
General Electives		
Select four credits from General Electives or I&E Electives		4
Total Credits		27

Focus Areas

Focus Areas are suggested course combinations depending on interest and professional goals.

Creativity and Innovation focuses on creativity, ideation, and identifying and developing innovative business opportunities in any type of organization.

Venture Creation and Growth focuses on commercializing identified opportunities and scaling new ventures or entrepreneurial projects within existing organizations.

Code	Title	Credits
<i>Creativity & Innovation</i> ¹		
BA 361	IDEATION AND CREATIVE THINKING	4
BA 363	INNOVATION MANAGEMENT	4
BA 460	VENTURE MANAGEMENT	4
<i>Venture Creation & Growth</i>		
BA 315	ACCOUNTING FOR DECISION MAKING	4
BA 460	VENTURE MANAGEMENT	4
FIN 469	VENTURE FINANCE	4

¹ Students taking both BA 363 and BA 460 need to meet with a COB advisor to have one of these courses applied as an elective

General Electives

Code	Title	Credits
<i>Business</i>		
BA 365	FAMILY BUSINESS MANAGEMENT	4
MRKT 488	PROFESSIONAL SALES	4
<i>Wood Science and Engineering</i>		
WSE 250	COMPUTER AIDED DESIGN OF WOOD PRODUCTS	3
WSE 350	WOOD PRODUCTS STUDIO	4
WSE 406	PROJECTS	1-16
WSE 455	INDUSTRIAL MARKETING OF WOOD PRODUCTS	3
<i>Forest Engineering</i>		
FE 312	FORESTRY FIELD SCHOOL	2
FE 370	HARVESTING OPERATIONS	4
FE 371	HARVESTING PROCESS ENGINEERING	4
FE 440	FOREST OPERATIONS ANALYSIS	4
FE 459/FOR 459	FOREST MANAGEMENT PLANNING AND DESIGN I	4
FE 460	*FOREST OPERATIONS REGULATIONS AND POLICY ISSUES	3
FE 469/FOR 469	FOREST MANAGEMENT PLANNING AND DESIGN II	4
FE 471	HARVESTING MANAGEMENT	3
FE 480	FOREST ENGINEERING PRACTICE AND PROFESSIONALISM	1
<i>Public Health</i>		
H 210	*INTRODUCTION TO THE HEALTH CARE SYSTEM	3
H 225	+*SOCIAL DETERMINANTS OF HEALTH	4
H 250	INTRODUCTION TO HEALTH CARE MANAGEMENT	3
H 319	INTRODUCTION TO HEALTH POLICY	3
H 320	INTRODUCTION TO HUMAN DISEASE	3
H 432	ECONOMIC ISSUES IN HEALTH AND MEDICAL CARE	3
H 436	ADVANCED TOPICS IN HEALTH CARE MANAGEMENT	3
H 457	FINANCIAL MANAGEMENT OF HEALTH CARE ORGANIZATIONS	3
H 458	REIMBURSEMENT MECHANISMS	3
H 476	*PLANNING AND EVALUATING PUBLIC HEALTH PROGRAMS	4
H 489	EMERGENCY AND DISASTER MANAGEMENT	3

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Human Development & Family Sciences

HDFS 341	FAMILY STUDIES	4
HDFS 360	CRITICAL THINKING IN HUMAN DEVELOPMENT AND FAMILY SCIENCES	4
HDFS 431	FAMILY, SCHOOL, AND COMMUNITY COLLABORATION	3
HDFS 444	FAMILY VIOLENCE AND NEGLECT	4
HDFS 447	+FAMILIES AND POVERTY	4
HDFS 460	FAMILY POLICY	4

Nutrition

NUTR 311	FOODSERVICE PRODUCTION AND PURCHASING	4
NUTR 319	NUTRITION AND SOCIAL MARKETING	3
NUTR 423	COMMUNITY NUTRITION	4
NUTR 439	*COMMUNICATIONS IN DIETETICS	3
NUTR 446	MANAGING FOOD AND NUTRITION SERVICES	4
NUTR 447	MANAGEMENT OF FOOD SYSTEMS LABORATORY	3

Kinesiology

KIN 131	INTRODUCTION TO KINESIOLOGY	1
KIN 132	INTRODUCTION TO THE ALLIED HEALTH PROFESSIONS	1
KIN 230	INTRODUCTION TO ADVENTURE PROGRAMS	3
KIN 325	FITNESS ASSESSMENT AND EXERCISE PRESCRIPTION	3
KIN 394	PROFESSIONAL ACTIVITIES: RESISTANCE TRAINING PROGRAM DESIGN	3
KIN 395	PROFESSIONAL ACTIVITIES: GROUP FITNESS	3
KIN 422	FACILITATING PHYSICAL ACTIVITY FOR CHILDREN AND YOUTH	3
KIN 435	PHYSICAL ACTIVITY PROMOTION	3

Horticulture

HORT 112	INTRODUCTION TO HORTICULTURAL SYSTEMS, PRACTICES AND CAREERS	2
HORT 300/CROP 300	CROP PRODUCTION IN PACIFIC NORTHWEST AGROECOSYSTEMS	4
HORT 412	+CAREER EXPLORATION: INTERNSHIPS AND RESEARCH PROJECTS	1
HORT 480	CASE STUDIES IN CROPPING SYSTEMS MANAGEMENT	4

Agriculture

AG 421	*WRITING IN AGRICULTURE	3
SUS 325	*AG AND ENVIRONMENTAL PREDICAMENTS: A CASE STUDY APPROACH	3

Agricultural Business Management

AEC 121	DISCOVERING AGRICULTURAL AND RESOURCE ECONOMICS	1
AEC 211	AGRICULTURAL AND FOOD MANAGEMENT	4
AEC 221	AGRICULTURAL AND FOOD MARKETING	3
AEC 250	+*INTRODUCTION TO ENVIRONMENTAL ECONOMICS AND POLICY	4
AEC 251	+*INTRODUCTION TO AGRICULTURAL AND FOOD ECONOMICS	4
AEC 311	INTERMEDIATE APPLIED ECONOMICS I: PRODUCERS AND CONSUMERS	4
AEC 353	*INTRODUCTION TO COASTAL AND MARINE RESOURCE ECONOMICS	3
AEC 388	AGRICULTURAL LAW	4
AEC 440	THE ECONOMICS OF BUSINESS ORGANIZATION IN THE FOOD SYSTEM	4
AEC 442	AGRICULTURAL AND FOOD STRATEGIC MANAGEMENT	4
AEC 465	AGRICULTURAL AND FOOD FINANCIAL MANAGEMENT	4
AEC 466	AGRICULTURAL AND FOOD MARKETING MANAGEMENT	4

Animal Sciences

ANS 333	EQUINE STABLE MANAGEMENT	3
ANS 436	SHEEP PRODUCTION SYSTEMS	3
ANS 439	DAIRY PRODUCTION SYSTEMS	4
ANS 445	BEEF PRODUCTION SYSTEMS	4
ANS 456	COMPANION ANIMAL PRODUCTION SYSTEMS	3
ANS 460	SWINE PRODUCTION SYSTEMS	4

Crop & Soil Science

CROP 280	INTRODUCTION TO THE COMPLEXITY OF OREGON CROPPING SYSTEMS	4
CROP 300/HORT 300	CROP PRODUCTION IN PACIFIC NORTHWEST AGROECOSYSTEMS	4
CROP 310	FORAGE PRODUCTION	4
CROP 460	SEED PRODUCTION	3
CROP 480	CASE STUDIES IN CROPPING SYSTEMS MANAGEMENT	4

Food Science

FST 212	DAIRY PROCESSING	2
FST 213	DAIRY PROCESSING LABORATORY	1
FST 260	*FOOD SCIENCE AND TECHNOLOGY IN WESTERN CULTURE	3
FST 370	INDUSTRY PREPARATION/HACCP	3
FST 421	FOOD LAW	2
FST 430	FOOD PRODUCT DEVELOPMENT	3
FST 460	CHEMISTRY AND BIOCHEMISTRY OF BEER	3
FST 466	CHEMISTRY AND BIOCHEMISTRY OF WINE	3
FST 469 & FST 470	PRODUCTION AND ANALYSIS OF WINE and PRODUCTION AND ANALYSIS OF WINE LABORATORY	5

Engineering

CEM 441	HEAVY CIVIL CONSTRUCTION MANAGEMENT	4
CEM 442	BUILDING CONSTRUCTION MANAGEMENT	4
CEM 443	*PROJECT MANAGEMENT FOR CONSTRUCTION	4
ENGR 390	ENGINEERING ECONOMY	3
IE 367	PRODUCTION PLANNING AND CONTROL	4
IE 368	FACILITY DESIGN AND OPERATIONS MANAGEMENT	4
IE 470	MANAGEMENT SYSTEMS ENGINEERING	4
IE 471	PROJECT MANAGEMENT IN ENGINEERING	3
MFGE 436	LEAN MANUFACTURING SYSTEMS ENGINEERING	4
ME 382	INTRODUCTION TO DESIGN	4

Economics

ECON 330	MONEY AND BANKING	4
ECON 340	INTERNATIONAL ECONOMICS	4
ECON 350	FINANCIAL ECONOMICS	4
ECON 435	PUBLIC ECONOMICS	4
ECON 440	ECONOMICS OF GLOBALIZATION	4
ECON 441	INTERNATIONAL FINANCE THEORY AND POLICY	4
ECON 460	ADVANCED BUSINESS ECONOMICS	4
ECON 462	MANAGERIAL ECONOMICS	4

Political Science

PS 458	INTERNATIONAL POLITICAL ECONOMY	4
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Sociology

SOC 360	*POPULATION TRENDS AND POLICY	4
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* Baccalaureate Core course. Applies to general education requirements for undergraduate students in a catalog year up to 2024-2025

+ Core Education course. Applies to general education requirements for undergraduate students in catalog year 2025-2026 and beyond

^ Writing Intensive Curriculum (WIC) course

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