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#### TO: MEMBERS OF THE UNIVERSITY OF IDAHO FACULTY

The items listed below, approved by the University Curriculum Committee, will be considered to have the necessary faculty approvals unless a petition requesting further consideration of specific items is signed by five faculty members and submitted to the chair of the Faculty Senate within 14 calendar days after the date of circulation. If no petition is received within 14 days, the entire report will be submitted to the president for approval and transmittal to the regents, if regents' action is required. If a petition is received, the items in the report for which further consideration is requested will be referred to the Faculty Senate and the remainder of the report will move forward. On items referred to it, the council may: (1) affirm the action and report it to a meeting of the university faculty, (2) amend the action and report it to a meeting of the university faculty, or (3) rescind the action. *Note:* If a petition concerns courses or curricula in the College of Letters, Arts and Social Sciences or in the College of Agricultural and Life Sciences, and is signed by five faculty members of the respective college, those items will be returned to the college concerned for further consideration.

All Items below are considered effective Summer 2020 unless otherwise noted with the approved item.

### COLLEGE OF AGRICULTURAL AND LIFE SCIENCES

#### DEPARTMENT OF AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

1. Change the following courses:

#### **AGEC 333 Introduction to Sales**

#### 3 credits

Introduction to the economic and consumer behavior theory of the sales industry. Fundamentals of professional business-to-business selling, business-to-consumer selling, sales ethics, and career assessment. One evening practicum required and a day-long job shadowing required. (Spring only)

#### **AGEC 433 Advanced Sales**

#### 3 credits

Building on principles of professional sales and sales management, students will learn additional processes, procedures and practices of sales professionals. Students will apply the old and new concepts when selling a product to be determined to actual customers. <u>Semester-long project requires working with sales professionals or in professional sales capacity.</u>

Prereq: AGEC 333.

#### AGEC 468 Risk Management: Commodity Merchandising

1 credit, max 6

Fundamental functions of a commodity merchandiser within the agricultural food supply chain, including risk management through basis trading and margin management of a hedged marketing position, are learned through utilizing actual cash grain ownership and exchange-traded futures. One credit lab also engages students directly with regional grain trade, commodity brokers and allied industries.

**AGEC 469 Risk Management: Commodity Trading** 

1 credit, max 6

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One-credit lab which engages students in the actual trading of agricultural commodity futures and options. Course emphasizes concepts, tools and strategies as they relate to identifying trading opportunities across agricultural commodities, managing portfolio risk and increasing operational profits through implementing trading positions in commodity futures markets.

Prereq: Instructor Permission.

#### **AGEC 497 Teaching Ag Econ/Agribusiness**

#### 1-3 credits, max 6

Supervised class observation and course preparation, and an opportunity to present one or several lectures in specific agribusiness and agricultural economics areas. Incorporates learning and teaching methods applied in professional settings; may include advanced practices for competitions, field or lab activities, and client interactions. Max enrollment 5. Recommended preparation: senior standing.

**Prereq:** Permission.

2. Make the following curricular changes to the **B.S.Ag.Econ. in Agricultural Economics**:

### Agricultural Economics (B.S.Ag.Econ.)

The agricultural economics area has two programs designed to prepare students for careers in the agricultural economics profession. The agribusiness major provides students with training related to management, finance, and marketing in the agribusiness sector. The agricultural economics major provides students with the theory behind decisions concerning agricultural production, marketing, resource use, pricing, and policy. Both of these majors prepare students to pursue advanced degrees if they choose.

Required course work includes the university requirements (see regulation J-3) and:

ACCT 201	Introduction to Financial Accounting	3
ACCT 202	Introduction to Managerial Accounting	3
AGEC 101	The Business of Agriculture	1
AGEC 278	Farm and Agribusiness Management	4
AGEC 289	Agricultural Markets and Prices	3
AGEC 301	Managerial Economics: Production	3
AGEC 302	Managerial Economics: Consumption & Markets	3
AGEC 356	Agricultural and Rural Policy	3
AGEC 478	Advanced Agribusiness Management	3
AGEC 481	Agricultural Markets in a Global Economy	3
COMM 101	Fundamentals of Oral Communication	2
ECON 201	Principles of Macroeconomics	3
ECON 202	Principles of Microeconomics	3
STAT 251	Statistical Methods	3
Select one of the	4-5	

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BIOL 102	Biology and Society	
& 102L	and Biology and Society Lab	
BIOL 115	Cells & the Evolution of Life	
& 115L	and Cells and the Evolution of Life Laboratory	
—BIOL 250	General Microbiology	
— & BIOL 255	and General Microbiology Lab	
EPPN 154	Microbiology and the World Around Us	
<u>&amp; EPPN 155</u>	And Microbiology & the World Around Us Laboratory	
Emphasis		
Select one of the	e following Emphases:	42-43
Applied Econo	omics	
Agribusiness		
<b>Total Hours</b>		86-88
A. Applied Econ	•	
AGEC 451	Applied Environmental and Natural Resource Economics	3
ECON 351	Intermediate Macroeconomic Analysis	3
ECON 352	Intermediate Microeconomic Analysis	3
ECON 453	Econometrics	3
ENGL 317	Technical Writing	3
MATH 170	Calculus I	4
Economics/Mat	h/Statistics Electives	
Select three cou	rses from the following:	9
ECON 343	Money and Banking	
ECON 407	Public Finance	
ECON 441	Labor Economics	
ECON 446	International Economics	
ECON 447	International Development Economics	
MATH 330	Linear Algebra	
STAT 431	Statistical Analysis	
or other 300 c	or 400 level Economics Courses by persmission	
Agricultural Eco	nomics Electives	
Select 3 credit	ts of Agriculture Economics Electives	3
Technical Agricu	ılture Electives	
Select 12 cred	lits of Technical Agriculture Electives	12
<b>Total Hours</b>		43
Courses to t	total 120 credits for this degree	
B. Agribusiness	Emphasis	
ACCT 482	Enterprise Accounting	3
AGEC 451	Applied Environmental and Natural Resource Economics	3

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<b>Total Hours</b>		42-43
Select 12 credit	s of Technical Agriculture Electives:	12
Technical Agricult	ure Electives	
Electives:		
Select 12 credit	s of Agricultural Economics, Economics, Accounting, or Business	12
Business or Econo	omics Electives	
MATH 170	Calculus I	
MATH 160	Survey of Calculus	
MATH 143	College Algebra	
Select one of the	following:	3-4
MHR 413	Organizational Behavior	
MKTG 321	Marketing	
BLAW 265	Legal Environment of Business	
AGEC 333	Introduction to Sales	
Select two of the	following:	6
or ENGL 317	Technical Writing	
ENGL 313	Business Writing	3
or AGEC 477	Law, Ethics and the Environment	

Courses to total 120 credits for this degree

#### **DEPARTMENT OF AGRICULTURAL AND EXTENSION EDUCATION**

#### 1. Reactivate the following course:

# AGED 252 Developing Community and Collegiate Organizations 3 credits

Assisting community, collegiate, or social organization members, officers, or committee chairs to better serve the organization and to acquire practical organizational and management skills that will help them throughout their academic and professional careers. Basic knowledge and skills related to parliamentary procedure and the orderly conduct of meetings will also be covered. (Alt/odd yrs)

#### 2. Drop the following courses:

# AGED 140 Introduction to Organizational and Personal Leadership Development 1 credit

This course is designed to introduce the student to important concepts in organizational and personal leadership development. Topics will include organizational leadership, citizenship, and cooperation, personal development, employee/employer relations, and group and individual interpersonal communications skills.

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# AGED 158 Introduction to Supervised Agricultural Experience Programs 1 credit

This course is designed to introduce the student to important concepts in conducting and organizing supervised agricultural experience projects related to secondary agricultural education classroom and local FFA chapter. Topics will include project planning, goal setting, budgeting, record keeping, basic technical writing, project/program evaluation, employability skills, citizenship, employee/employer relations, and group and individual interpersonal communication skills. (Spring only)

# AGED 159 Introduction to the FFA Organization 1-2 credits

This course is designed to introduce the student to important concepts in conducting, organizing, and competing in activities inherent in the Idaho and National FFA Organizations as an outgrowth of the secondary agricultural education classroom instruction and coupled with a successful supervised agricultural experience program. Topics will include parliamentary procedure, FFA History and activities, public speaking and communications, project planning, goal setting, budgeting, record keeping, basic technical writing, project/program evaluation, employability skills, citizenship, employee/employer relations, and group and individual interpersonal communication skills. (Spring only)

# AGED 160 Survey of the Expectations and Responsibilities of Teaching High School Agriculture 1 credit, max 2

This course is designed for high school students interested in pursuing a career in agricultural education and will serve as a bridge class between high school and collegiate level teacher education courses. The course will include an exploration of the professional qualities and expectations of the teacher/educator. Roles, responsibilities and challenges in the field of education, leadership, and communication will be examined.

#### 3. Change the following courses:

#### **AGED 471 Senior Capstone in Agricultural Education**

**1-2** credits

Gen Ed: Senior Experience

This course serves as the senior capstone course for the Bachelors of Science degree in Agricultural Education. The course meetings will include 2 mandatory seminars (2days each), a meeting during the Idaho FFA State Leadership Conference in April, a final presentation, and a senior capstone debriefing meeting at the end of the student-teaching field-experience.

Prereq: AGED 470

Coreq: AGED 460 and AGED 461

4. Make the following curricular changes to the **Agricultural and Life Sciences Core**:

### **Agricultural and Life Sciences Core**

7.6.10010010101	id Life Sciences core	
AGEC 278	Farm and Agribusiness Management	4
AGED 406	Exploring International Agriculture	3
Or AGED 407		
AGED 451	Communicating in Agriculture	3
BIOL 115	Cells & the Evolution of Life	3
BIOL 115L	Cells and the Evolution of Life Laboratory	1
COMM 101	Fundamentals of Oral Communication	2
ECON 202	Principles of Microeconomics	3
SOIL 205	The Soil Ecosystem	3
SOIL 206	The Soil Ecosystem Lab	1
Select one of the fo	ollowing:	4
-CHEM-101	Introduction to Chemistry	
<del> &amp; 101L</del>	and Introduction to Chemistry Laboratory	
-CHEM 111	General Chemistry I	
<del> &amp; 111L</del>	and General Chemistry I Laboratory	
Select one of the fo	ollowing:	<del>3-4</del>
-MATH 143	College Algebra	
-MATH 160	Survey of Calculus	
-MATH 170	<del>Calculus I</del>	
Select one of the fo	ollowing:	3
<del>ENGL 207</del>	Persuasive Writing	
<del>ENGL 313</del>	Business Writing	
<del>ENGL 316</del>	Environmental Writing	
<del>ENGL 317</del>	Technical Writing	
<del>ENGL 318</del>	Science Writing	
Total Hours		3 <del>3 34</del> 13

5. Make the following changes to the **B.S.Ag.L.S.** in Agricultural Science, Communication and Leadership:

## Agricultural Science, Communication and Leadership (B.S.Ag.L.S.)

Required course work includes the university requirements (see regulation J-3) and:

Agricultural and Life Sciences Core		3 <del>3-34</del> _13
Agricultural Scie	nce, Communication and Leadership Courses	
ACCT 201	Introduction to Financial Accounting	3
AGEC 289	Agricultural Markets and Prices	3

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AGED 180	Introduction to Agricultural Education	1
AGED 251	Principles of Agricultural Communications and Leadership	3
AGED 450	Leading People and Teams	3
AGED 498	Internship	5-10
AGED 481	Advanced Ag Comm and Leadership	<u>3</u>
CHEM 101	Introduction to Chemistry	<u>3</u>
OR CHEM 111	Principles of Chemistry I	
CHEM 101L	Introduction to Chemistry Laboratory	<u>1</u>
OR CHEM 111L	Principles of Chemistry I Laboratory	
BIOL 114	Organisms & Environment	<u>4</u>
OR BIOL 115	Cells & the Evolution of Life	
& 115L	Cells & the Evolution of Life Laboratory	
Select one of the follo	owing:	<u>9</u>
NATH 120	Finite Mathematics	
MATH 130	Finite Mathematics	
MATH 137	Algebra with Applications	
MATH 143	College Algebra	
Select two of the		<u>6</u>
following:	Duefoccional Muiting	
ENGL 202	Professional Writing	
ENGL 207	Persuasive Writing	
ENGL 313	Business Writing	
ENGL 316	Environmental Writing	
ENGL 317	Technical Writing	
ENGL 318	Science Writing	
JAMM 121	Media Writing	
JAMM 225	Reporting I	
JAMM 350	Public Relations Writing and Production	
	nmunications & Leadership Courses	
Select 9 credits of the		<u>9</u>
AGED 252	Developing Community and Collegiate Orgs	
AGED 350	Leadership Event Coordination (3 credit max)	
AGED 359	Developing 4H Youth Programs	
AGED 448	Foundations of Extension Education	
AGED 301	<u>Undergraduate Research (3 credits max)</u>	
CLDR 360	Leadership and Community Dynamics	
CLDR 480	Change and Power in a Global Society	
Upper Division Agricultural Economics Elective		3
Subject Area Electives Select one of the following:		<del>20</del>

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Agricultural System Management	
Animal and Veterinary Science	
<u>Entomology</u>	
Family and Consumer Science	
Food Science	
Soils	
Plant Science/Rangeland Ecology Management	
OR 15 credits from one of the following subject areas AND 5 credits from a	
Foreign Language:	
Agricultural System Management	
Animal and Veterinary Science	
<u>Entomology</u>	
Family and Consumer Science	
Food Science	
Plant Science/Rangeland Ecology Management	
<del>Soils</del>	
Subject Area Electives	<u>24</u>
Select 24 credits from 3 of the following of the following subject areas. A	
minimum of 12 credits must be upper-division (300 or 400). At least two	
areas must be from the College of Agricultural and Life Sciences (CALS). One	
area can be from the College of Natural Resources (CNR).	
CALS Subject Matter Areas	
Agricultural Economics	
Agricultural Systems Management	
Animal and Veterinary Science	
Entomology	
Family and Consumer Science	
Food Science	
<u>Soils</u>	
Plant Science/Rangeland Ecology Management	
CNR Subject Matter Areas	
Forest Resources	
Natural Resources/Natural Resources and Society	
Wildlife Resources	
Communication Electives	<del>12</del>
Select 12 credits of communication electives including one upper-division	
<del>course:</del>	
COMM 233 Interpersonal Communication	
COMM 332 Communication and the Small Group	

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—COMM 431	Applied Business and Professional Communication	
<del> EDCI 410</del>	Technology, Teaching and Learning	
— JAMM 100	Media and Society	
<del>JAMM 121</del>	Media Writing	
— JAMM 252	Introduction to Integrated Media Campaigns	
<b>Leadership Electives</b>		9
Select 9 credits of lead	lership electives:	
—AGED 359	Developing 4-H Youth Programs	
— AGED 448	Foundations of Extension Education	
—MHR 311	Introduction to Management	
—MHR 413	Organizational Behavior	
<del>MHR 418</del>	Managing Organization Design and Leading Changes	
—NRS 311	Public Involvement in Natural Resource	
	Management	
— <del>MS 101</del>	Intro to the Army & Critical Thinking	
—MS 102	Intro to the Profession of Arms	
<del> MS 201</del>	Foundations of Leadership I	
—MS 202	Foundations of Leadership II	

#### **Leadership and Communication Electives**

Select 21 credits from the list of courses:

**ORGS 322** 

**ORGS 323** 

**Any COMM Prefix Any JAMM Prefix AGED 350 Leadership Event Coordination AGED 252 Developing Community and Collegiate Orgs Developing 4-H Youth Programs AGED 359 AGED 448** Foundations of Extension Education **AGED 407** Global Ag & Life Science Systems **AGED 301** Undergraduate Research (3 credit max) **CLDR 360** Leadership and Community Dynamics **CLDR 480** Change and Power in a Global Society MHR 311 Introduction to Management MHR 413 Organizational Behavior MHR 418 Managing Organization Design & Leading Changes NRS 311 Public Involvement in Natural Resource Mgmt **AGLS 495** CALS Ambassadors (3 credit max) **AGLS 494** CALS Peer Leaders (3 credit max) Technology, Teaching and Learning **EDCI 410 Governance in Small Organizations ORGS 110 ORGS 305 Nonprofit Organizations Budgeting for Small Organizations ORGS 320 Workplace Motivation ORGS 312** 

**Workplace Soft Skills** 

Messaging for Small Organizations

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ORGS 435	<u>Personnel</u>	
ORGS 441	Human Relations in the Workplace	
ORGS 450	Training and Performance Support	
Total Hours		9 <del>5-101</del> 105-110

#### Courses to total 120 credits for this degree

ORGS 407 Advanced Nonprofit Organizations

6. Make the following curricular changes to the **Agricultural Communications and Leadership Minor**:

## **Agricultural Communications and Leadership Minor**

AGED 251	Principles of Agricultural Communications and Leadership	3
AGED 450	Leading People and Teams	<u>3</u>
AGED 451	Communicating in Agriculture	<u>3</u>
AGED 481	Advanced Ag Communications and Leadership	<u>3</u>
Additional Ele	ctive Courses	8
AGED 140	Intro to Org & Personal Leadership Development	
AGED 252	Developing Community & Collegiate Orgs	
_AGED 301	Undergraduate Research (3 credits max)	1 <del>-3</del>
_AGED 350	Leadership Event Coordination	1
AGED 450	Leading People and Teams	3
AGED 451	Communicating in Agriculture	3
AGED 406	Exploring International Agriculture	3
AGED 407	Global Agricultural & Life Sciences Systems	3
_AGED 498	Internship (5 cr max)	1 <del>-10</del>
CLDR 360	Community & Leadership Dynamics	
CLDR 480	Change & Power in a Global Society	
AGLS 494	CALS Peer Leaders (2 credit max)	
AGLS 495	CALS Ambassadors (2 credit max)	
<b>Total Hours</b>		1 <del>8-29</del> _20

Courses to total 20 credits for this minor

#### **DEPARTMENT OF ANIMAL AND VETERINARY SCIENCE**

1. Change the following course:

**AVS 476 Sheep Science** 

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#### 3 credits

Application of principles of genetics, reproduction, nutrition, health, and marketing to the management of commercial and purebred sheep; new developments related to sheep industry; production, evaluation, and use of wool. Two lectures and one 2-hour lab a week; one 1-day field trip or equiv time. Recommended Preparation: AVS 222 or equivalent. Cooperative: open to WSU degree-seeking students.

Prereq: AVS 109.

#### DEPARTMENT OF ENTOMOLOGY, PLANT PATHOLOGY AND NEMATOLOGY

#### 1. Add the following course:

# PLP 512 Viruses and Virus Diseases of Plants Laboratory

1 credit

As a companion course to PLP 511 Viruses and Virus Diseases of Plants, this laboratory course increases student knowledge about plant diseases caused by viruses. This laboratory course provides hands-on training in the identification and classification of viruses that infect plants and cause plant disease. One 2 hr 20 min lab per week (Spring, odd years only).

Prereq: PLSC 102; EPPN 154 and EPPN 155 or BIOL 250 and 255; or permission.

Coreq: PLP 511

#### 2. Change the following course:

#### **PLP 415 Plant Pathology**

#### 3 credits

Joint-listed with PLP 515

Biology of diseases and disorders of crop, forest, and ornamental plants, with emphasis on plant-microbe interactions and on disease cause, development, diagnosis, and control. Three 1-hour lectures. (Fall only)

Prereq: BIOL EPPN 154 and BIOL EPPN 155; or BIOL 250; and PLSC 102; or Permission.

#### PLP 416 Plant Pathology Lab

#### 1 credit

Joint-listed with PLP 516

As a companion course to PLP 415/515 Plant Pathology, this laboratory course increases student knowledge about plant diseases caused by environmental factors and microorganisms. This laboratory course provides hands-on training in the identification and classification of representative plant diseases, including isolation and culturing techniques for plant pathogenic fungi, bacteria, nematodes and viruses.

**Prereq:** BIOL EPPN 154 and BIOL EPPN 155 or BIOL 250 and 255 and PLSC 102, or permission.

**Coreq:** PLP 415/515.

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#### **PLP 511 Viruses and Virus Diseases of Plants**

#### 4 credits

Nature of plant viruses, vector-virus relationships and virus diseases of plants. Includes laboratory section (Spring, odd years only).

Prereq: BIOL EPPN 154 and BIOL EPPN 155 or BIOL 250 and 255 and PLSC 102 or permission.

#### **PLP 515 Plant Pathology**

#### 3 credits

Joint-listed with PLP 415

Biology of diseases and disorders of crop, forest, and ornamental plants, with emphasis on plant-microbe interactions and on disease cause, development, diagnosis, and control. Three 1-hour lectures. (Fall only)

Prereq: BIOL EPPN 154 and BIOL EPPN 155; or BIOL 250; and PLSC 102; or Permission.

#### **PLP 516 Plant Pathology Lab**

#### 1 credit

Joint-listed with PLP 416

As a companion course to PLP 415/515 Plant Pathology, this laboratory course increases student knowledge about plant diseases caused by environmental factors and microorganisms. This laboratory course provides hands-on training in the identification and classification of representative plant diseases, including isolation and culturing techniques for plant pathogenic fungi, bacteria, nematodes and viruses.

Prereq: BIOL EPPN 154 and BIOL EPPN 155 or BIOL 250 and 255 and PLSC 102, or permission. Coreq: PLP 415/515.

#### **PLP 522 Plant Bacteriology**

#### 3 credits

The purpose of this class is to provide current information on the biology of plant associated bacteria, including plant pathogens and beneficial microbes. Topics addressed will include bacterial morphology, taxonomy, genetics, and ecology. Diagnosis, disease management, and the molecular basis of host-pathogen interactions will be presented.

Prereq: PLP 415/515 and BIOL EPPN 154 and 155 or BIOL 250 and 255 or permission.

#### 3. Reactivate and change the following courses:

# ENT 447 Fundamentals of Biological Control in Plant Pest Management Systems 3 credits

Joint-listed with ENT 547

Intro to history and development of biological control and biological and ecological factors involved; emphasis on entomophagous and phytophagous insects. For graduate credit, students present a paper or "grant proposal" for critique. Recommended Preparation: general ecology. This is a cooperative course available to WSU degree-seeking students. (Alt/yrs) This course teaches

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content within the fields of agro-ecology, natural resource conservation and especially integrated pest management. Biological control and classical biological control of exotic invasive plants, arthropod crop and forest pests, and crop diseases are a major subdiscipline of integrated pest management. Biological control can reduce and sometimes eliminate the need for pesticides to manage pests and/or invasive species.

The course will introduce students to i) the underlying principles of biological control, predator prey interactions and invasion ecology; Students will learn about ii) the history of the discipline including many environmentally disastrous examples of 'biological control' from the 18th and 19th century prior to the use of environmental assessments, iii) about methods to develop and assess biological control organism across taxa; and iv) environmental risk assessment procedures and introduction policies and guidelines of different countries. Examples of biological control across taxa will be used throughout the course to illustrate the conservation, social and economic benefits of the discipline. Additional projects and/or assignments are required for grad credit. Course will meet twice weekly for 1 hour and 15 min sessions.

# ENT 547 Fundamentals of Biological Control in Plant Pest Management Systems 3 credits

Joint-listed with ENT 447

Intro to history and development of biological control and biological and ecological factors involved; emphasis on entomophagous and phytophagous insects. For graduate credit, students present a paper or "grant proposal" for critique. Recommended Preparation: general ecology. This is a cooperative course available to WSU degree-seeking students. (Alt/yrs) This course teaches content within the fields of agro-ecology, natural resource conservation and especially integrated pest management. Biological control and classical biological control of exotic invasive plants, arthropod crop and forest pests, and crop diseases are a major subdiscipline of integrated pest management. Biological control can reduce and sometimes eliminate the need for pesticides to manage pests and/or invasive species.

The course will introduce students to i) the underlying principles of biological control, predator prey interactions and invasion ecology; Students will learn about ii) the history of the discipline including many environmentally disastrous examples of 'biological control' from the 18th and 19th century prior to the use of environmental assessments, iii) about methods to develop and assess biological control organism across taxa; and iv) environmental risk assessment procedures and introduction policies and guidelines of different countries. Examples of biological control across taxa will be used throughout the course to illustrate the conservation, social and economic benefits of the discipline. Additional projects and/or assignments are required for grad credit. Course will meet twice weekly for 1 hour and 15 min sessions.

#### 4. Make the following curricular changes:

### **Entomology (B.S.Ag.L.S.)**

Required course work includes the university requirements (see regulation J-3) and:

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Agricultural and Life Sciences (	Core	3 <del>3-34</del> <u>13</u>	
Entomology Courses			
BIOL 114	Organisms and Environments	4	
BIOL 115	<u>Cells and the Evolution of Life</u>	<u>3</u>	
BIOL 115L	Cells and the Evolution of Life Laboratory	<u>1</u>	
BIOL 213	Principles of Biological Structure and	4	
	Function		
or PLSC 205	General Botany		
BIOL 312	Molecular and Cellular Biology	3	
BIOL 313	Molecular and Cellular Laboratory	1	
BIOL 314	Ecology and Population Biology	4	
<u>CHEM 111</u>	General Chemistry I	<u>3</u>	
CHEM 111L	General Chemistry I Laboratory	<u>1</u>	
CHEM 112	General Chemistry II	3	
CHEM 112L	General Chemistry II Laboratory	2	
<u>COMM 101</u>	Fundamentals of Oral Communication	<u>2</u>	
CHEM 275	Carbon Compounds	3	
or CHEM 277	Organic Chemistry I		
ENT 322	General and Applied Entomology	4	
ENT 438	Pesticides in the Environment	3	
ENT 440	Insect Identification	4	
ENT 441	Insect Ecology	3	
PLP 415	Plant Pathology	3	
or SOIL 425	Microbial Ecology		
PLSC 102	The Science of Plants in Agriculture	3	
PLSC 207	Introduction to Biotechnology	3	
PLSC 400	Seminar	1	
ENT 400	<u>Seminar</u>	<u>1</u>	
SOIL 205	The Soil Ecosystem	<u>3</u>	
SOIL 206	The Soil Ecosystem Lab	<u>1</u>	
STAT 251	Statistical Methods	<u>3</u>	
Select one of the following:		<u>3</u>	
ENGL 207	Persuasive Writing		
ENGL 313	Business Writing		
ENGL 316	Environmental Writing		
ENGL 317	Technical Writing		
ENGL 318	Science Writing		
Select one of the following:	-	3-4	
MATH 143	College Algebra		
MATH 160	Survey of Calculus		
MATH 170	Calculus I		

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Select one of the following:		<u>4</u>
PHYS 100	<u>Fundamentals of Physics</u>	
<u>&amp; PHYS 100L</u>	& Fundamentals of Physics Lab	
PHYS 111	General Physics I	
<u>&amp; PHYS 111L</u>	& General Physics I Lab	
Select 3 credits of Biotechnol	ogy electives	3
Select 5 credits of Entomolog	y electives	5
Select 6 9 credits of Life Scien	nce electives	6 <u>9</u>
Select 4 credits of Mathemat	ics electives	4
Select 4 credits of Physics ele	ectives	4
Select one of the following:		3-5
—BIOL 154	Introductory Microbiology	
— & BIOL 155	and Introductory Microbiology Laboratory	
EPPN 154	Microbiology & the World Around Us	
<u>&amp; EPPN 155</u>	And Microbiology & the World Around Us	
	<u>Lab</u>	
BIOL 250	General Microbiology	
_& BIOL 255	and General Microbiology Lab	
BIOL 300	Survey of Biochemistry	
BIOL 380	Biochemistry I	
CHEM 253	Quantitative Analysis	
& CHEM 254	and Quantitative Analysis: Lab	
Select one of the following:		3-4
BIOL 310	Genetics	
<u>&amp;</u> BIOL 315	And Genetics Lab	
GENE 314	General Genetics	
Total Hours		1 <del>09-113</del> 115-1

Courses to total 128 credits for this degree

#### **DEPARTMENT OF FAMILY AND CONSUMER SCIENCES**

#### 1. Add the following course:

# FCS 124 Introduction to Apparel Construction 2 credits

Introduction to hand sewing, home, and industrial sewing machinery to construct garments and products. Two 2.5-hour studios a week, 1 hour of outside studio time, and assigned work. Students must complete this course with a grade of 'C' or higher as a prerequisite to future Apparel, Textiles and Design courses.

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#### 2. Change the following courses:

# FCS 270 Scientific Principles of Food Preparation

3 credits

Exploration of the scientific principles, <u>basic concepts</u> and techniques of food preparation; <u>food safety principles</u>; <u>sensory evaluation of food.</u> <u>applied sensory evaluation of food.</u> (Fall only)

Prereq: Major in the Department of Family and Consumer Sciences or Permission.

#### FCS 275 Experimental Foods Lab

#### 2 credits

Exploration of food preparation and application of underlying scientific principles through laboratory experiments. Applied sensory evaluation of food products; recipe modification and testing for special dietary considerations. On line modules focus on food safety, menu planning, food cost control, and cultural and religious influences on food choices. Hybrid course with one 3-hr lab and one web module a week. (Spring only)

Prereq: FCS 270 and a major in the Department of Family and Consumer Sciences; or Permission

#### FCS 476 (s) Textile Structures

#### 1-3 credits, max 39

This studio course gives students the opportunity to experiment with fiber-based fabrications. These may include woven, knitted, felted, laced, and knotted fabrications dependent on current industry trends. May include embellishment and surface design depending on the fabrication and industry trends. Service learning completes the final project. Can be repeated up to 3 times.

Prereq: FCS 123 or Permission.

#### FCS 477 (s) Surface Design

#### 1-3 credits, max 39

This studio course gives students the opportunity to experiment with the texture and appearance of textile fabrications. Techniques may include dyeing and resist methods, subtraction, and embellishment, among others depending on industry trends. <u>Can be repeated up to 3 times.</u> **Prereq:** FCS 123 or Permission.

#### FCS 478 (s) Experimental Construction

#### 1-3 credits, max 39

This studio course gives students the opportunity to experiment with transforming two-dimensional textiles into three-dimensional apparel products. Techniques may include tailoring, upcycling, use of non-traditional textiles, and use of fabrics students have produced in other courses, among others dependent on current industry trends. <u>Can be repeated up to 3 times.</u>

Prereq: FCS 224 or Permission.

#### **DEPARTMENT OF PLANT SCIENCES**

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#### 1. Add the following courses:

# PLSC 444 Forage and Grassland Management 3 credits

Joint-listed with PLSC 544

This course will discuss the biology of plants and the application of agronomic principles to growth, development and management of integrated forage crop and livestock systems. We will focus on pasture and grazing, alfalfa hay, cover crops, and corn silage production, management, storage, and utilization. To earn graduate credit, students will need to complete a special project and report.

Prereq: PLSC 205

#### PLSC 544 Forage and Grassland Management

#### 3 credits

Joint-listed with PLSC 444

This course will discuss the biology of plants and the application of agronomic principles to growth, development and management of integrated forage crop and livestock systems. We will focus on pasture and grazing, alfalfa hay, cover crops, and corn silage production, management, storage, and utilization. To earn graduate credit, students will need to complete a special project and report.

Prereq: PLSC 205

#### 2. Make the following curricular changes to the **Minor in Crop Management**:

### **Crop Management Minor**

The Science of Plants in Agriculture	3
Field Crop Production	3
Farm and Agribusiness Management	<u>3-</u> 4
g:	6
Cereal Science	
Forage and Grassland Management	
Vegetable Crops	
Potato Science	
elect <u>5-</u> 6 credits from the following:	<u>5-</u> 6
Agricultural and Rural Policy	
Law, Ethics and the Environment	
GPS and Precision Agriculture	
Irrigation Systems and Water Management	
Agricultural Safety and Health	
Weed Control	
Cereal Science	
	Field Crop Production  Farm and Agribusiness Management  G:  Cereal Science  Forage and Grassland Management  Vegetable Crops  Potato Science  Plect 5-6 credits from the following:  Agricultural and Rural Policy  Law, Ethics and the Environment  GPS and Precision Agriculture  Irrigation Systems and Water Management  Agricultural Safety and Health  Weed Control

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PLSC 438	Pesticides in the Environment	
PLSC 444	Forage and Grassland Management	
PLSC 446	Plant Breeding	
PLSC 451	Vegetable Crops	
PLSC 490	Potato Science	
SOIL 205	The Soil Ecosystem	
& SOIL 206	and The Soil Ecosystem Lab	
SOIL 446	Soil Fertility	
Total Hours		<u>20-</u> 22

Courses to total 22 20 credits for this minor.

### **4.** Make the following curricular changes to the **Minor in Crop Science**:

## **Crop Science Minor**

GENE 314	General Genetics	3
PLSC 102	The Science of Plants in Agriculture	3
PLSC 338	Weed Control	4
PLSC 407	Field Crop Production	3
PLSC 446	Plant Breeding	3
Select two courses from the	he following:	6
PLSC 408	Cereal Science	
PLSC 438	Pesticides in the Environment	
PLSC 451	Vegetable Crops	
PLSC 440	Advanced Laboratory Techniques	
PLSC 444	Forage and Grassland Management	
PLSC 488	Genetic Engineering	
PLSC 490	Potato Science	
SOIL 205	The Soil Ecosystem	
& SOIL 206	and The Soil Ecosystem Lab	
SOIL 446	Soil Fertility	
Total Hours		22

Courses to total 22 credits for this minor

### **DEPARTMENT OF SOIL AND WATER SYSTEMS**

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1. Change the following courses:

#### **ASM 107 Beginning Welding**

#### 23 credits

Principles of operation, use, and care of arc and acetylene welding equipment. One lec, one 2-hr lab, and two hrs of individual practice a wk. Enrollment limited to 12 per section. Cooperative: open to WSU degree-seeking students.

#### ASM 200 (s) Seminar

Credit arranged. 1 credit, max arranged

#### **ASM 210 Small Engines**

#### 23 credits

Principles of engine operation, tune-up, and maintenance; repair and overhaul of small engines. One lecture, one 2-hour lab, and two hours of individual practice a week. Enrollment limited to 12 per section.

#### COLLEGE OF BUSINESS AND ECONOMICS

#### **Department of Business**

1. Add the following courses:

# EMBA 536 Business Income Taxation and Internal Controls 1 credit

This course introduces the concepts of business income taxation and the implications of taxation issues on business decisions. Topics include determination of income and deductions and taxation of the different forms of business entities (sole proprietorships, partnerships, limited liability companies, S corporations, and C corporations). This course also examines management's responsibility to design, implement, and evaluate effectiveness of internal controls over financial reporting, misappropriation of assets, and compliance with regulations.

Prereq: EMBA 514

### **EMBA 548 Strategic Financial Decisions**

#### 3 credits

This course examines the tools used by managers to make financial decisions that support the firm's strategic goals and explores the role of global markets as a backdrop for those decisions. Topics include foreign exchange risk, capital expenditures, and strategic acquisitions.

Prereq: EMBA 514.

#### 2. Drop the following course:

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#### **EMBA 544 Risk Management**

#### 3 credits

Introduction to the tools, models, and strategic aspects of risk management.

Prereq: EMBA 514.

#### 3. Change the following courses:

#### **BUS 252 354 Introduction to Business Analytics**

#### 3 credits

Introduction to business analytics including modeling and sensitivity analysis. Topics include psychology of problem solving, optimization, decision theory, simulation, regression, and related issues. May involve evening exams.

**Prereq:** STAT 251 or STAT 301; and MATH 143 or MATH 160 or MATH 170 or MATH 175 or MATH 275; ACCT 201; ACCT 202; and ECON 201 and ECON 202, or ECON 272.

#### **FIN 302 Intermediate Financial Management**

#### 3 credits

An intermediate-level course in managerial finance that addresses more complex issues such as risk in capital budgeting, working capital management, mergers, business failure and reorganization, and lease financing. May involve evening exams.

**Prereq:** FIN 301; ACCT 202; BUS 252; ECON 201 or ECON 272; MATH 160 or MATH 170; STAT 251 or STAT 301.

#### **FIN 409 Problems in Financial Management**

#### 3 credits

Analysis of selected topics in financial management; asset allocation; capital budgeting and valuation; synthesis of financial management skills through case analysis; written and oral reports and computer simulations. May involve evening exams. (Spring only)

Prereq: FIN 302 and BUS 354.

#### **FIN 463 Portfolio Management**

#### 3 credits

Application of security selection, portfolio theory and construction; financial futures; risk and return in investments; may involve management of actual portfolios. (Spring only)

Coreq: FIN 302 and BUS 354.

#### **FIN 464 Derivatives and Risk Management**

#### 3 credits

This course will cover methods used to establish the fair price of derivative securities and the creation of synthetic securities, demonstrate the practical uses of derivatives in speculation, hedging and arbitrage, and examine the process of measurement and management of financial risk. (Spring only)

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Prereq: FIN 302 and BUS 354.

#### FIN 465 Introduction to Market Trading

#### 3 credits

Provides students practical experiences in the analysis of financial conditions and markets with the objective of developing trading and risk management strategies. Professional trading analysis software is used. The major topics covered include financial instruments, fundamental and technical analysis of markets, inter-market analysis, and risk management. (Fall only)

Coreg: FIN 302 and BUS 354, or Permission.

#### **FIN 469 Risk and Insurance**

#### 3 credits

Examines risk and insurance, covering risk identification and measurement, risk reduction and hedging, and insurance pricing. (Fall only)

Prereq: FIN 302 and BUS 354.

#### **FIN 483 Topics in Financial Analysis**

#### 3 credits

This course examines various topics relevant to the CFA Institute's Common Body of Knowledge. Topics will vary based on current issues in the financial analysis industry.

Prereq: FIN 302 and BUS 354.

#### MIS 350 Managing Information

#### 3 credits

Introduction to use and management of data to support decision making. Includes discussion of relevant international and ethical issues.

Prereq: STAT 251 or STAT 301; and BUS 252.

#### **OM 370 Process Management**

#### 3 credits

This course examines the concepts and tools used to design, implement, manage, evaluate and improve the business processes used to create and deliver value to customers. International and ethical issues associated with process management will also be considered. May involve evening exams.

Prereq: BUS 252 and STAT 251 or STAT 301 or MATH 330.

#### **OM 470 Supply Chain Management**

#### 3 credits

In-depth study and analysis of the supply chain management integrated approach to business with emphasis on the transportation, purchasing, packaging, inventory management, and international logistics functions, as well as issues in negotiation and relationship management. May involve evening exams.

Prereq: OM 370 and BUS 354.

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#### **EMBA 512 The External Context of Business**

#### 32 credits

This course examines the economic, social, technological, legal, and competitive environments in which organizations operate, with emphasis on the interfaces between business, society, and the natural environment. Frameworks and tools for analyzing this complex organizational context will be introduced, with special attention given to how this context creates opportunities and risks for today's organizations.

#### **EMBA 543 Assessing to Improve Firm Performance**

#### 3 1 credits

<u>Identifying, measuring, and evaluating performance criteria throughout the organization</u> <u>Evaluation</u> <u>of organizational performance</u> from multiple perspectives using quantitative and qualitative methods.

#### **EMBA 546 Managing for Your Future**

#### 1 credit

A personal perspective on the lessons learned in the EMBA program and a plan on utilizing those lessons in the student's professional career. that pivots to a future-oriented examination of several sets of ideas about developing personal and professional effectiveness.

#### 4. Make the following curricular changes to the **B.S.Bus. in Marketing**:

#### Marketing (B.S.Bus)

Required course work includes the university requirements (see regulation J-3), the college requirements, and:

<b>College of Business</b>	& Economics Requirements	54-57
Major Requiremen	ts	21-43
Total Hours		75-
		100
Course List		
Major Requirement	ts	
MKTG 324	Consumer Behavior	3
MKTG 421	Marketing Research & Analysis	3
MKTG 428	Marketing Management	3
<b>Emphases/Options</b>		
Select one of the fe	ollowing emphases/options:	12-34
General Marketin	ng Emphasis	
Sales Managemei	nt Option	
Entrepreneurship	Emphasis	
PGA Golf Manage	ement Option	

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Total Hours		2
A. General Marketing E	mphasis	
Select one 300-400 leve	-	3
Tier 1 Marketing Electiv		
Product Elective		3
MKTG 427		_
or MKTG 495		
Pricing Requirement		<u>3</u>
MKTG 424	Pricing Strategy and Tactics <sup>2</sup>	3
or ECON 352	Intermediate Microeconomic Analysis	
Place Elective		<u>3</u>
MKTG 425	Retail Distribution Mgmnt	3
or MKTG 426	Marketing Channels Management	
MKTG 427	Services Marketing	3
or MKTG 495	Product Development and Brand Management	
Promotions Elective		<u>3</u>
Select one of the follow	<del>ing:</del>	3
AGEC 333	Introduction to Sales	
MKTG 420	Integrated Marketing Communication	
or MKTG 422	Sales Management	
<b>Business Elective</b>		<u>3</u>
One 300-400 level CBE	<u>course</u>	
Total Hours		15
Course List		
Courses to total 120 cre	•	
300-400 level (	CBE: A CBE, Statistics, or Mathematics course,	
excluding FIN 3	301, MHR 311, MKTG 321, MIS 350, OM 370.	
<sup>2</sup> ECON 352 Inte	rmediate Microeconomic Analysis cannot be used to also sat	isfy the
upper-division	economics requirement.	
B. Sales Management (	Option	
AGEC 333	Introduction to Sales	3
	Sales Management	3
MKTG 422	ntornshin/Vandal Solutions	
MKTG 422 Sales Practicum/Sales I	internship, vandar solutions	
	•	3
Sales Practicum/Sales I	•	3
Sales Practicum/Sales I Select 3 credits from th	e following:	3
Sales Practicum/Sales I Select 3 credits from th AGEC 433	e following: Advanced Sales	3
Sales Practicum/Sales I Select 3 credits from th AGEC 433 BUS 429	e following: Advanced Sales Vandal Solutions	3
Sales Practicum/Sales I Select 3 credits from th AGEC 433 BUS 429 MKTG 398	e following: Advanced Sales Vandal Solutions Internship	3

**RSTM 105** 

RSTM 205

**RSTM 305** 

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Total Hours		
Courses to total 120	credits for this degree.	
C. Entrepreneurship	•	
One 300-400 level CE		3
ACCT 482	Enterprise Accounting	3
ENTR 414	Entrepreneurship	3
ENTR 415	New Venture Creation	3
Marketing Electives		
Select one course fro	m the following:	3
MKTG 420	Integrated Marketing Communication	
MKTG 422	Sales Management	
MKTG 424	Pricing Strategy and Tactics	
MKTG 425	Retail Distribution Mgmnt	
MKTG 426	Marketing Channels Management	
MKTG 427	Services Marketing	
BUS 429	Vandal Solutions (Max 6 credits)	
MKTG 482	International Marketing	
MKTG/RMAT 495	Product Development and Brand Management	
<b>Entrepreneurship Practice</b>	acticum/Internship/Vandal Solutions	
Select 3 credits from	the following:	3
BUS 429	Vandal Solutions (Max 6 credits)	
MKTG 398	Internship	
<b>Business Elective</b>		
One 300-400 level 0	CBE course	
<b>Total Hours</b>		1
<sup>1</sup> A CBE. Statis	stics, or Mathematics course,	
·	N 301, MHR 311, MKTG 321, MIS 350, OM 370.	
_		
	credits for this degree	
D. PGA Golf Manage	•	
PGA 103	Introduction to PGA Golf Management	2
	PGA Golf Management I	3
PGA 150		
PGA 150 PGA 251	PGA Golf Management II	3
PGA 150 PGA 251 PGA 298	Internship (Max 6 credits)	1-
PGA 150		

Teaching Golf I

Teaching Golf II

Teaching Golf III

2

2

2

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<b>Tier 1 Marketing Elec</b>	<del>tives</del>	
<b>Pricing Requirement</b>		<u>3</u>
MKTG 424	Pricing Strategy and Tactics <sup>2</sup>	3
or ECON 352	Intermediate Microeconomic Analysis	
Place Elective		<u>3</u>
MKTG 425	Retail Distribution Mgmnt	3
or MKTG 426	Marketing Channels Management	
<b>Product Elective</b>		<u>3</u>
MKTG 427	Services Marketing	3
or MKTG 495	Product Development and Brand Management	
Promotions ElectiveS	elect one course from the following:	3
AGEC 333	Introduction to Sales	
MKTG 420	Integrated Marketing Communication	
or MKTG 422	Sales Management	
Total Hours		31-3

<sup>&</sup>lt;sup>1</sup> ECON 352 cannot be used to also satisfy the upper-division economics requirement.

#### Courses to total 129 credits for this degree

Students must pass the PGA Player Ability Test

Students must have a 12.0 handicap or better to enter this program.

Students must also be a U.S. citizen to be eligible for PGA membership.

### **E. Marketing Analytics Option**

MKTG 431	Marketing Analytics	3
STAT 422	Sample Survey Methods	3
STAT 431	Statistical Analysis	3
Select one of	f the following:	4
MATH 160	Survey of Calculus	
MATH 170	Calculus I	
MATH 175	Calculus II	
Select one of	f the following:	3
ANTH 416	Qualitative Social Science Methods	
MATH 330	Linear Algebra	
MIS 455	Data Management for Big Data	
PSYC 430	Tests and Measurements	
STAT 407	Experimental Design	
OR STAT 50	07	
STAT 514	Nonparametric Statistics	
STAT 436	Applied Regression Modeling	
<u>OR</u> STAT 51	16	
Tier 1 Marke	eting Electives	
Select one co	ourse from the following:	3
_ <del>AGEC 333</del>	Introduction to Sales	
ECON 352	Intermediate Microeconomic Analysis	

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Total Hours		19
MKTG/RMAT 495	Product Development and Brand Management	
MKTG 482	International Marketing	
MKTG 427	Services Marketing	
MKTG 426	Marketing Channels Management	
MKTG 425	Retail Distribution Mgmnt	
MKTG 424	Pricing Strategy and Tactics	
MKTG 422	Sales Management	
MKTG 420	Integrated Marketing Communication	

#### Courses to total 120 credits for this degree

5. Make the following curricular changes to the **M.B.A. in Business Administration**:

#### **Master of Business Administration**

The M.B.A. is a professional fee program that is delivered in an executive format in northern Idaho. This non-thesis program consists of  $\frac{42}{36}$  credits at the 500 level. Consult the College of Business for specific details.

#### COLLEGE OF ENGINEERING

#### **DEPARTMENT OF CIVIL ENGINEERING**

1. Change the following courses:

#### **CE 215 Civil Engineering Analysis and Design**

#### 3 credits

Application of basic science, mathematics, and fundamental engineering principles to solution of civil engineering design problems; use of structured programming concepts in design; develop oral and written communication skills.

**Prereq:** CE 115, ENGR 105, and MATH 170. A minimum grade of 'C' or better is required for all pre/coregs.

**Coreq:** PHYS 211/PHYS 211L. STAT 301. A minimum grade of 'C' or better is required for all pre/coreqs.

#### **CE 330 Fundamentals of Environmental Engineering**

#### 3 credits

Principles of engineered environmental systems, including physical, chemical, and microbiological processes; types and effects of pollutants; regulations; treatment of water, wastewater, sludges, and solid waste; control of air and agricultural pollution. Two lectures and one 3-hour lab a week.

**Prereq:** ENGR 335, CHEM 111, CE 215 and MATH 310. A minimum grade of 'C' or better is required for all pre/coreqs.

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#### **CE 494 Senior Design Project**

#### 3 credits

Gen Ed: Senior Experience

Comprehensive civil engineering design project. Requires integration of skills acquired in civil engineering elective courses, written reports, and oral presentations. <u>Permission not guaranteed if not registered before fall recess</u>.

**Prereq:** <u>CE 491,</u> Senior standing in Civil Engineering, and Permission.

## COLLEGE OF LETTERS, ARTS AND SOCIAL SCIENCES

#### **AMERICAN INDIAN STUDIES**

1. Add the following course:

#### **AIST 329 Contemporary North American Indians**

#### 3 credits

Cross-listed with ANTH 329

Histories, cultures, and practices of contemporary North American Indians.

2. Change the following course:

#### AIST 422 Plateau Indians Contemporary Pacific Northwest Indians

#### 3 credits

Gen Ed: American Diversity

Cross-listed with ANTH 422 and RELS 422

An overview of historic and contemporary Indian cultures of the Plateau; oral traditions, ceremonial life, social organization, and subsistence activities; history of contact with Euro-American society. Two 1 to 2-day field trips reqd. Additional projects/assignments reqd for grad cr. This course is intended to impart an understanding of the vitality and rich diversity of contemporary Pacific Northwest American Indian societies, their histories, and their literatures, e.g., in the arts and expressive culture, in governmental affairs both indigenous and external, in economics, ecological relations and natural resources, in health care, and in family, social and religious life, in oral traditions, in world views and cultural values. This understanding is inclusive of both indigenous cultural, as well as contact-historical, expressions. An understanding of Tribal sovereignty and its varied meanings is key to this outcome. ANTH 422 is a cooperative course available to WSU degree-seeking students.

#### DEPARTMENT OF JOURNALISM AND MASS MEDIA

1. Change the following courses:

JAMM 475 Advanced Digital Media Production Filmmaking I
3 credits

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Advanced <u>pre-production</u> and content development for short narrative cinema. <u>Emphasis on story</u> development and pre-production planning. <u>Projects will screen publicly at the annual student digital media festival.</u> <u>Emphasis on professional development and exploring the art and business of filmmaking: technical, creative, and aesthetic choices as well as economics, logistics, and intellectual property laws & licensing.</u>

Prereq: Either JAMM 275 and JAMM 374; or JAMM 275 and JAMM 375 JAMM 322; or Permission.

# JAMM 476 Advanced Digital Media Production Filmmaking II 3 credits

Gen Ed: Senior Experience

Continues advanced production and content development for short narrative cinema. Emphasis on schedule adherence and aesthetic realization. Projects will screen publicly at the annual student digital media festival. Emphasis on criticism, revision, and artistic realization.

Prereq: JAMM 475.

#### **LATIN AMERICAN STUDIES PROGRAM**

1. Make the following curricular changes to the **B.A. in Latin American Studies**:

### Latin American Studies (B.A.)

Required course work includes the university requirements (see <u>regulation J-3</u>), the general requirements for the B.A. degree, including Spanish for the foreign language requirement, and:

LAS 306	Culture and Institutions of Latin America	3
FLEN 391	Hispanic Film	3
or FLEN 394	Latin American Literature in Translation	
HIST 438	Modern Mexico and the Americas	3
or HIST 439	Modern Latin America	
Select 27 credits	of the following courses: 1	27
ANTH 102	Cultural Anthropology	
ANTH 462	Human Issues in International Development	
ECON 447	International Development Economics <sup>2</sup>	
HIST 315	Comparative African-American Cultures	
HIST 440	Social Revolution in Latin America	
HIST 441	Slavery and Freedom in the Americas	

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IS 320	Model United Nations	
IS 321	UN and Related Agencies	
NRS 493	International Land Preservation and Conservation Systems	
POLS 449	World Politics and War	
POLS 480	Politics of Development	
SPAN 402	Readings: Spanish American Literature	
SPAN 404	Special Topics	
SPAN 409	Modern Latin American Society	
SPAN 413	Spanish American Short Fiction	
SPAN 419	Latin America Theatre Through Literature	
SPAN 421	Bilingual and Bicultural Identities	
SPAN 422	Mexican Culture through Cinema	
SPAN 424	Human Rights and Hispanic Cinema	
Total Hours		36

Additionally, all students must take Avant's STAMP (STAndards-based Measurement of Proficiency) exit exam before applying for graduation.

#### Courses to total 120 credits for this degree

- <sup>1</sup> Students may also take the optional courses listed above, at least six of which must be Spanish credits.
- Students who elect to take ECON 447 International Development Economics/LAS 447 International Development Economics are strongly urged to take HIST 101 World History I-HIST 102 World History II (History of Civilization) in their freshman year.

#### **DEPARTMENT OF MODERN LANGUAGES**

1. Add the following course:

#### SPAN 426 Health and Environment in Latin America

#### 3 credits

Examines the relationships between health, environment, history, politics, and culture in Latin America.

Prereq: SPAN 306 or LAS 306

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2. Change and Reactivate the following courses:

#### CHIN 110 101 Elementary Chinese I

#### 4 credits

Gen Ed: International

Writing system, pronunciation, vocabulary, and functional grammar. Students with Chinese experience who place higher than <u>110-101</u> on the placement exam may not enroll in CHIN <u>110101</u>, but may earn credit for CHIN <u>110101</u> by successfully completing a higher vertically-related course.

#### CHIN 112 102 Elementary Chinese II

#### 4 credits

Gen Ed: International

Writing system, pronunciation, vocabulary, and functional grammar.

**Prereq:** CHIN <u>110</u>101 or placement exam.

#### CHIN 210 201 Intermediate Chinese I

#### 4 credits

Gen Ed: International

Review and practice of basic language skills; increased emphasis on reading, writing, and free discussion.

**Prereq:** CHIN <u>112</u> <u>102</u> or placement exam.

#### CHIN 212 202 Intermediate Chinese II

#### 4 credits

Gen Ed: International

Review and practice of basic language skills; increased emphasis on reading, writing, and free discussion.

**Prereq:** CHIN 210 201 or placement exam.

3. Make the following changes to the Catalog course listing language:

#### Chinese

Vertically-related courses in this subject field are: CHIN <u>110</u>101 – CHIN <u>112</u>102 – CHIN <u>210</u>201 – CHIN <u>212</u>202. Any 300-level CHIN course may be considered the terminal course for the related vertical sequence above. A maximum of 16 credits may be earned for vertical credit in any language, in the Department of Modern Languages & Cultures.

4. Make the following curricular changes:

#### Modern Language Business (B.A.)

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Designed to provide the student of modern languages with a liberal arts education and a core of business courses that will open doors to a career in international business.

Required course work includes the university requirements (see <u>regulation J-3</u>), the general requirements for the B.A. degree, and:

An international experience (eight week minimum). This international experience requirement will be fulfilled by completing an MLC approved study abroad program or international internship or faculty-led experience or a combination of all. This experience should take place after the student has finished language study through the intermediate (200) level. The study abroad program or the internship must receive prior approval from the student's MLC advisor and/or MLC Validation Committee appointed by MLC chair. Shorter international experiences exceptions can be considered by MLC Validation Committee in case of extraordinary financial or family circumstances.

ACCT 201	Introduction to Financial Accounting	3
FLEN 307	Institutions of the European Union	3
FL 401	MLC International Experience	1
Select one of the f	ollowing:	3-4
ECON 201	Principles of Macroeconomics	
ECON 202	Principles of Microeconomics	
ECON 272	Foundations of Economic Analysis	
Select three or mo	ore courses from the following:	9
ENTR 414	Entrepreneurship	
FIN 301	Financial Resources Management	
MHR 311	Introduction to Management	
MKTG 321	Marketing	
MIS 350	Managing Information	
OM 370	Process Management	
OM 378	Project Management	
Select 6 credits of	Business electives from the following:	6
Upper-Division	n Business Electives	
BUS 190	Integrated Business and Value Creation (AND Upper- Division Business Elective)	

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Select one modern language; elementary and intermediate:	16
Chinese	
French	
German	
Japanese	
Spanish	
Select 21 credits of approved upper-division courses in the same language (including one business course or approved alternative in the target language	21
Total Hours	6 <mark>1</mark> -62 <u>-63</u>

<u>Additionally, all students must take Avant's STAMP (STAndards-based Measurement of Proficiency) exit exam before applying for graduation.</u>

Courses to total 120 credits for this degree

#### **PROGRAM IN ORGANIZATIONAL SCIENCES**

1. Add the following course:

# ORGS 316 Explore Mentoring and Leadership 3 credits

Cross-listed with INTR 316, PSYC 317 and SOC 316

Through the study of both mentoring as well as leadership, this course will prepare students to become effective mentors, citizens and members of the larger community. The course will cover a broad range of topics including: mentoring skills; leadership language, theory and style; communication and conflict; social justice and multiculturalism; values and ethics; and social change.

2. Change the following course:

# ORGS 444 Methods and Analysis in Organizational Science 4 credits

Overview of the many tools of data gathering and analysis in the applied social sciences. Includes coverage of surveys, study design, analysis, online and bibliographic resources and archives, etc.

**Prereq:** Psyc 215 or STAT 251 (Off-campus and distance students should consult with their advisors about the adequacy of their math/stat preparation may request advisor approval for a substitution for STAT 251).

Coreq: PSYC 215 or STAT 251

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#### 3. Drop the following course:

# ORGS 416 Planning Professional Conferences and Events Lab 1 credit

Laboratory application of tools and concepts learned in ORGS 415. Students will go through procedures to plan an event or conference. The event or conference could be a virtual one, or it could be one associated with their university or outside lives. Organizational planning and logistics for successful professional meetings, conferences, and other events. Considerations include themes and missions; physical, site, and technological needs; budgeting; invitees, attendees, and registrants, vendors; contracts, risk, and liabilities; and contingency planning.

Prereq: ORGS 210. Coreq: ORGS 415.

#### 4. Make the following curricular changes to the **B.A./B.S. in Organizational Sciences:**

#### Organizational Sciences (B.A. or B.S.)

Required course work includes the university requirements (see regulation J-3), the general requirements for either the B.A. or B.S. degree, and:

ORGS 110	Governance in Small Organizations	3
or ORGS 210	Introduction to Organizational Sciences	
ORGS 320	Budgeting for Small Organizations	1 <u>-3</u>
Or ACCT 201	Introduction to Financial Accounting	
ORGS 321	Workplace Motivation	1
ORGS 322	Workplace Soft Skills	1
ORGS 323	Messaging for Small Organizations	<u>1</u>
ORGS 410	Capstone Project in Organizational Sciences	1-6
ORGS 444	Methods and Analysis in Organizational Science	4
Select three course	es from the following:	9
ANTH 100	Introduction to Anthropology	
COMM 111	Introduction to Communication Studies	
JAMM 100	Media and Society	
ORGS 155	Financial Literacy	
POLS 101	American National Government	
PSYC 101	Introduction to Psychology	
SOC 101	Introduction to Sociology	
<b>Specialization</b>		
Select one of the f	ollowing specializations:	<del>21-24</del>
Organizational Cor	mmunication	
Organizations and	Communities	
Total Hours		41-49
Organizational Cor	mmunication	
Select 6 courses fr	om COMM and 2 from other disciplines for this specialization:	<del>24</del>
COMM 233	Interpersonal Communication	

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<b>COMM 335</b>	Intercultural Communication	
COMM 347	Persuasion	
<b>COMM 400</b>	Seminar	
COMM 410	Conflict Management	
<b>COMM 431</b>	Applied Business and Professional Communication	
<b>COMM 432</b>	Gender and Communication	
<b>COMM 355</b>	Organizational Communication	
COMM 456	Nonprofit Fundraising	
ENGL 207	Persuasive Writing	
<del>JAMM 265</del>	Principles of Advertising	
JAMM 440	Critical Issues in Mass Media	
JAMM 444	Mass Media and Public Opinion	
ORGS 305	Nonprofit Organizations	
ORGS 400	Seminar	
ORGS 407	Advanced Nonprofit Organizations	
ORGS 415	Planning Professional Conferences and Events	
PSYC 320	Introduction to Social Psychology	
PSYC 345	Group Dynamics	
PSYC 441	Human Relations in the Workplace	
<b>Total Hours</b>		<del>24</del>

### Course List

### **Organizations and Communities**

- 0-		
Select sevennine co	urses from the following:	<del>21</del> 27
COMM 335	Intercultural Communication	
COMM 347	Persuasion	
COMM 410	Conflict Management	
COMM 431	Applied Business and Professional Communication	
COMM 355	Organizational Communication	
COMM 456	Nonprofit Fundraising	
ENTR 414	Entrepreneurship	
JAMM 252	Introduction to Integrated Media Campaigns	
MHR 311	Introduction to Management	
ORGS 305	Nonprofit Organizations	
ORGS 316	Explore Mentoring & Leadership	
ORGS 400	Seminar	
ORGS 404	Special Topics <sup>1</sup>	
ORGS 407	Advanced Nonprofit Organizations	
ORGS 414	Traumatic Events: Preparation, Intervention, Evaluation	
ORGS 415	Planning Professional Conferences and Events	
ORGS 435	Personnel	
ORGS 441	Human Relations in the Workplace	
ORGS 450	Training and Performance Support	
POLS 451	Public Administration	

<sup>&</sup>lt;sup>4</sup> Student may not pursue both this specialization and a minor in Communication Studies.

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PSYC 320	Introduction to Social Psychology	
PSYC 345	Group Dynamics	
PSYC 441	Human Relations in the Workplace	
SOC 201	Introduction to Inequalities & Inclusion	

If an ORGS student chooses to add Communication as a second major, a maximum of 9 credits of COMM courses can be counted toward both majors.

A second major, an academic minor, an academic certificate, or a CLASS approved emphasis <sup>2</sup> It is recommended that ORGS majors discuss adding an academic minor, emphasis, or second major with their advisors.

Total Hours 2137-46

- A maximum of 3 credits <u>each</u> of ORGS 404 Special Topics <u>and ORGS 400 Seminar</u> may be used towards the completion of this major.
- <sup>2</sup> If a second major or an academic minor is used to satisfy this requirement, the area of emphasis or academic minor required for the CLASS general B.S. requirements is also considered satisfied.

Courses to total 120 credits for this degree

#### **DEPARTMENT OF POLITICS AND PHILOSOPHY**

1. Make the following course change:

#### PHIL 405408 Feminism & Philosophy

#### 3 credits

An exploration of how feminist philosophies have brought to light gender bias in western philosophy and have (re)constructed theories in metaphysics, epistemology, and ethics. Students will see how these philosophies address the experiences of women and other groups whose interests have been historically neglected and misrepresented.

2. Make the following curricular change to the **B.A. and B.S. in Philosophy**:

### Philosophy (B.A. or B.S.)

Note: Students who intend to do graduate work are advised to take the Bachelor of Arts degree.

Required course work includes the university requirements (see regulation J-3), the general requirements for either the B.A. or B.S. degree, and:

PHIL 103	Introduction to Ethics	3
or PHIL 208	Business Ethics	
PHIL 201	Critical Thinking	3
or PHIL 202	Introduction to Symbolic Logic	
PHIL 240	Belief and Reality	3

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PHIL 320	History of Ancient and Medieval Philosophy	3
PHIL 321	History of Modern Philosophy	3
PHIL 490	Senior Seminar	3
Select one course in Phi	losophy and Cultures:	3
PHIL 200	Philosophy of Alcohol	
PHIL 205	Topics in Social Philosophy	
PHIL 209	Mind and Madness	
PHIL 221	Philosophy in Film	
PHIL 307	Buddhism	
PHIL 406	Feminism and Philosophy	
Select 9 credits of Uppe	r-Division Philosophy electives including at least one course in	9
non-Western thought.		
Select 20 credits in relat	red fields <sup>1</sup>	20
Total Hours		50

#### Courses to total 120 credits for this degree

#### **DEPARTMENT OF PSYCHOLOGY AND COMMUNICATION STUDIES**

#### **COMMUNICATION**

1. Drop the following course:

# **COMM 455 Communication Research Methods 3 credits**

Aims and methods of quantitative and qualitative communication research.

2. Make the following curricular changes to the **B.A. and B.S. in Communication**:

### Communication (B.A. or B.S.)

A minimum gpa of 2.50 is required to graduate with a degree in Communication.

Required coursework includes the university requirements (see regulation J-3), the general requirements for either the B.A. or B.S. degree, and:

COMM 111	Introduction to Communication Studies	3
COMM 233	Interpersonal Communication	3
COMM 335	Intercultural Communication	3

<sup>&</sup>lt;sup>1</sup> Related Fields include Humanities, Social Sciences and Sciences. The electives in Philosophy and Related Fields are to be selected with the approval of the Chair of Philosophy.

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COMM 355	Organizational Communication	3
COMM 359	Communication Research Methods	<u>3</u>
COMM 410	Conflict Management	3
COMM 453	Communication Theory	3
COMM 455	Communication Research Methods	3
Select one of the fo	ollowing:	2-3
COMM 101	Fundamentals of Oral Communication	
COMM 150	Online Oral Communication	
Select one of the fo	ollowing:	3
PSYC 215	Quantitative Methods in Psychology	
STAT 251	Statistical Methods	
At least 18 addition	nal upper-division Communication credits.	18
Up to 6 of these	credits may be earned by taking:	
ENGL 313	Business Writing	
ENGL 317	Technical Writing	
ORGS 415	Planning Professional Conferences and Events	
ORGS 441	Human Relations in the Workplace	
PSYC 310	Psychology of Personality	
PSYC 320	Introduction to Social Psychology	
PSYC 416	Industrial/Organizational Psychology	
Only 3 of these cr	redits may come from:	
COMM 400	Seminar	
COMM 403	Workshop	
COMM 494	Research Experience	
COMM 497	Practicum in Instruction	
COMM 498	Internship	
COMM 499	Directed Study	
<b>Total Hours</b>		44-45

At least 21 upper-division credits of the course requirements applied to the Communication major must be earned at the University of Idaho.

### Courses to total 120 credits for this degree

#### **PSYCHOLOGY**

1. Drop the following courses:

PSYC 477 Chemical Dependency and the Family 3 credits

Joint-listed with PSYC 577

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Overview of how chemical dependence impacts the family unit; intervention techniques to assist the family. Additional projects/assignments reqd for grad cr.

Prereq: PSYC 101.

# PSYC 479 Group Therapy Techniques in Chemical Addictions Counseling 3 credits

Joint-listed with PSYC 579

Theoretical and practical understanding of the group therapy process with individuals from chemical addictions counseling; information about group therapy with actual experience of being part of a group. Additional projects/assignments reqd for grad cr.

Prereq: PSYC 101.

#### **PSYC 577 Chemical Dependency and the Family**

#### 3 credits

Joint-listed with PSYC 477

Overview of how chemical dependence impacts the family unit; intervention techniques to assist the family. Additional projects/assignments reqd for grad cr.

Prereq: PSYC 101.

# PSYC 579 Group Therapy Techniques in Chemical Addictions Counseling 3 credits

Joint-listed with PSYC 479

Theoretical and practical understanding of the group therapy process with individuals from chemical addictions counseling; information about group therapy with actual experience of being part of a group. Additional projects/assignments reqd for grad cr.

Prereq: PSYC 101.

#### 2. Change the following courses:

# PSYC 478 Individual & Group Therapy Techniques in Chemical Addictions Counseling 3 credits

Joint-listed with PSYC 578

Techniques related to <u>individual and group</u> counseling <u>of individual</u> chemical addictions clients; helping skills such as active listening, problem solving, paraphrasing; numerous role plays and other practicum exercises; <u>information about group therapy with actual experience of being part of a group</u>. Additional projects/assignments reqd for grad cr.

Prereq: PSYC 101.

PSYC 482 Client Addictions Screening, and Assessment, and Placement

3 credits

Joint-listed with PSYC 582

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This course is designed to provide a comprehensive overview of substance abuse screening and assessment. This includes information related to interviewing techniques, substance abuse diagnosis, testing instruments, <u>client placement</u> and issues or problems that influence the assessment environment. Additional projects/assignments reqd for grad cr.

Prereq for 482: PSYC 101 and PSYC 478.

Prereq for 582: PSYC 578.

# PSYC 578 Individual & Group Therapy Techniques in Chemical Addictions Counseling 3 credits

Joint-listed with PSYC 478

Techniques related to <u>individual and group</u> counseling <u>of individual</u> chemical addictions clients; helping skills such as active listening, problem solving, paraphrasing; numerous role plays and other practicum exercises; <u>information about group therapy with actual experience of being part of a group</u>. Additional projects/assignments reqd for grad cr.

Prereq: PSYC 101.

# PSYC 582 <u>Client Addictions</u> Screening, and Assessment, and Placement 3 credits

Joint-listed with PSYC 482

This course is designed to provide a comprehensive overview of substance abuse screening and assessment. This includes information related to interviewing techniques, substance abuse diagnosis, testing instruments, <u>client placement</u> and issues or problems that influence the assessment environment. Additional projects/assignments reqd for grad cr.

Prereq for 482: PSYC 101 and PSYC 478.

Prereq for 582: PSYC 578.

#### 3. Make the following curricular changes to the **Minor in Addictions**:

#### **Addictions Minor**

A grade of C or above is required for each class.

O	· ·	
PSYC 470	Introduction to Chemical Addictions	3
PSYC 472	Introduction to the Pharmacology of Psychoactive Drugs	3
PSYC 477	Chemical Dependency and the Family	3
E <del>mphasis</del>		
Select one of	the following emphasis areas:	<del>21</del>
<del>Treatment</del>	<u>Emphasis</u>	
PSYC 473	Blood and Airborne Pathogens: HIV/STDs/Hepatitis/TB	3
PSYC 474	Record Keeping and Case Management in Chemical Addictions Counseling	3
PSYC 475	Professional Ethics in Addictions Counseling	3
PSYC 476	Relapse Prevention in Chemical Addictions Counseling	3

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PSYC 478	Individual & Group Therapy Techniques in Chemical Addictions	3
	Counseling	
PSYC 479	Group Therapy Techniques in Chemical Addictions Counseling	
PSYC 482	Addictions Client Screening, and Assessment, and Placement	3
Prevention E	<del>mphasis</del>	
PSYC 305	Developmental Psychology	
Advisor Ap	proved PSYC courses to total 30 credits	
<b>Total Hours</b>		3 <del>0</del> 24

Courses to total 24 30 credits for this minor

#### **RELIGIOUS STUDIES**

1. Change the following course:

**RELS 422 Plateau Indians** Contemporary Pacific Northwest Indians

3 credits

Gen Ed: American Diversity

Cross-listed with AIST 422 and ANTH 422

An overview of historic and contemporary Indian cultures of the Plateau; oral traditions, ceremonial life, social organization, and subsistence activities; history of contact with Euro-American society. Two 1 to 2 day field trips reqd. Additional projects/assignments reqd for grad cr. This course is intended to impart an understanding of the vitality and rich diversity of contemporary Pacific Northwest American Indian societies, their histories, and their literatures, e.g., in the arts and expressive culture, in governmental affairs both indigenous and external, in economics, ecological relations and natural resources, in health care, and in family, social and religious life, in oral traditions, in world views and cultural values. This understanding is inclusive of both indigenous cultural, as well as contact-historical expressions. An understanding of Tribal sovereignty and its varied meanings is key to this outcome. ANTH 422 is a cooperative course available to WSU degree-seeking students.

#### **THEATRE ARTS**

1. Reactivate the following course:

THE 469 Theatre History II

3 credits

Gen Ed: Humanities, International

<u>The comprehensive survey of the major theatrical trends, theorists, and practitioners from 1875 to the present contemporary theatre scene. Recommended Preparation: The 371. A comprehensive the present contemporary theatre scene. Recommended Preparation: The 371. A comprehensive the present contemporary theatre scene.</u>

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world survey of major theatrical trends, theorists, and practitioners from the start of the 18th century to the present.

2. Change the following course:

# THE 468 Theatre History\_I 3 credits

Gen Ed: Humanities, International

<u>A</u> comprehensive survey of the major theatrical trends, theorists, and practitioners from the Golden Age of Greece to 1914. A comprehensive world survey of major theatrical trends, theorists, and practitioners from ancient Egypt to the end of the 17th century.

#### **WOMEN'S, GENDER, AND SEXUALITY STUDIES**

1. Change the following curricular requirements to the **Minor in Women's, Gender, and Sexuality Studies**:

### Women's, Gender, and Sexuality Studies Minor

WGSS 201	Introduction to Women's, Gender, and Sexuality Studies	3
Select a minim	um of three different subject prefixes from the following:	15
ANTH 428	Social and Political Organization	
ANTH 462	Human Issues in International Development	
COMM 432	Gender and Communication	
ENGL 281	Introduction to Women's Literature	
ENGL 382	Studies in Queer Literature	
ENGL 481	Seminar in Women's Literature (May be retaken once to total 6 credits.)	
FCS 240	Intimate Relationships	
FCS 340	Parent-Child Relationships in Family and Community	
FCS 346	Personal and Family Finance and Management	
FCS 436	Theories of Child and Family Development	
FCS 440	Contemporary Family Relationships	
FCS 445	Issues in Work and Family Life	
FCS 462	Eating Disorders	
HIST 212	Sex and Gender Through the Ages	
HIST 357	Women in Pre-Modern European History	
HIST 420	History of Women in American Society	
HIST 464	Gender and Race in the American West	
JAMM 340	Cultural Diversity and the Media	
JAMM 446	Women in the Media	
PHIL 205	<u>Topics in Social Philosophy</u>	

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PHIL 405	Feminism & Philosophy	
POLS 423	Politics, Policy and Gender	
PSYC 315	Psychology of Women	
PSYC 320	Introduction to Social Psychology	
SOC 201	Introduction to Inequalities and Inclusion	
<del>-SOC 325</del>	Family, Violence, and Society	
SOC 327	Sociology of the Family	
SOC 340	Social Change & Globalization	
SOC 342	Gender and Science	
<del>-SOC 421</del>	Gender and Crime	
SOC 424	Sociology of Gender	
SOC 427	Racial and Ethnic Relations	
SOC 465	Environment, Policy, and Justice	
WGSS 367	Topics in Women's, Gender, and Sexuality Studies	
WGSS 404	Special Topics	
WGSS 410	Feminist Theory and Action	
WGSS 498	Internship in Women's, Gender, and Sexuality Studies	
WGSS 499	Directed Study	
Total Hours		18

Note: ENGL 481: May be retaken once to total 6 credits. WGSS367 may be repeated if the topic is different. No more than 6 credits in WGSS 498, 6 credits in WGSS 499, and 6 credits in WGSS 502 may be counted toward this major.

#### Courses to total 18 credits for this minor

With prior approval of the Women's, Gender, and Sexuality Studies committee, a student may also include credit from survey courses, special topics courses, or seminars meeting the guidelines for inclusion of courses in a Women's, Gender, and Sexuality Studies minor. No more than 3 credits may count toward both the student's major and minor.

### **COLLEGE OF NATURAL RESOURCES**

#### **FOREST, RANGELAND, AND FIRE SCIENCES**

1. Add the following courses:

FOR 443 Forest Production Ecology 3 credits

Joint-listed with FOR 543.

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Considers how plant production, carbon and energy accumulation are influenced by availability of light, water and nutrient resources. Includes study of use efficiency, allocation, and turnover of captured resources at organ, tree and stand level that are applicable to increased management intensity. Examples emphasize forests but include other wildland and agricultural ecosystems. Stand-level process models are used to synthesize understanding of environmental and management factors controlling forest production. Two 1-hour lectures and one 3-hour lab per week. Requires additional research project and presentation for graduate credit.

Prereg: FOR 221 or REM 221 or WLF 221; SOIL 205, SOIL 206.

#### **FOR 543 Forest Production Ecology**

#### 3 credits

Joint-listed with FOR 443.

Considers how plant production, carbon and energy accumulation are influenced by availability of light, water and nutrient resources. Includes study of use efficiency, allocation, and turnover of captured resources at organ, tree and stand level that are applicable to increased management intensity. Examples emphasize forests but include other wildland and agricultural ecosystems. Stand-level process models are used to synthesize understanding of environmental and management factors controlling forest production. Two 1-hour lectures and one 3-hour lab per week. Requires additional research project and presentation for graduate credit.

**Prereq:** FOR 221 or REM 221 or WLF 221; SOIL 205, SOIL 206.

#### 2. Change the following courses:

#### **FOR 324 Forest Regeneration**

#### 3 credits

Natural and artificial regeneration of forest ecosystems; reproduction methods; selection of seed source and stock type; nursery cultural practices; tree improvement; site preparation methods to establish regeneration. One lecture and one 2-hr lab a week. Two all day field trips. A semester-long project requires time spent weekly in a nursery to regularly monitor plant development under varied environmental conditions (approximately 45 hours over the 18-week spring semester in addition to lectures, labs and out-of-class studying). Cooperative: open to WSU degree-seeking students.

Prereq: FOR 274, SOIL 205 and SOIL 206

Coreq: FOR 330. FOR 274

### FOR 330 Forest Soil and Canopy Processes Terrestrial Ecosystem Ecology

#### 4 credits

Ecosystem ecology integrates the interactions between organisms and their environment as a complex system, quantifying the biological and physical factors controlling ecosystem processes. Above- and below-ground biophysical processes that determine how forest ecosystems function. Emphasis is on interactions affecting forest productivity including soil nutrient cycles, light energy, water and nutrient acquisition terrestrial ecosystems, particularly carbon, water, and nutrient cycling. Process-based modeling is used to illustrate effects of complex interactions on carbon budgets. Applications include effects of disturbance (fire, pests, climate change, and land

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management) on ecosystem productivity, biodiversity, and resilience.environmental stress and disturbance such as forest management, fire, pests and global climate change. Builds from general ecology (FOR 221/REM 221) by exploring processes controlling forest production, and establishes a foundation to address forest management questions in FOR 324 and FOR 424. Two lectures and one 4-hr lab per a week, including several field trips.

**Prereq:** SOIL 205; and MATH 143 or MATH 160; and PHYS 100/PHYS 100L or PHYS 111/PHYS 111L; and FOR 221 or REM 221 or WLF 220 or BIOL 213 or PLSC 102.

### FOR 424 Silviculture Principles and Practices

#### 4 credits

Gen Ed: Senior Experience

Theory underlying silvicultural practices to control forest composition and growth, including forest stand dynamics, tree growth and quality, and growth-density relationships. Study of intermediate stand treatments and reproduction methods. Final project required involving field data collection and forest modeling to develop and mark silvicultural prescriptions. 3-hrs of lecture and 2-hrs of lab per week.

**Prereq:** Senior standing and FOR 274, FOR 220 or other plant identification course, <u>FOR 324,</u> FOR 330, or instructor permission.

#### **MISCELLANEOUS**

#### Aerospace Studies

1. Change the following courses:

### AERO 101 Foundations of the U.S. Air Force USAF Heritage and Values I

#### 1 credit

Survey course that introduces students to the United States Air Force and the Air Force Reserve Officer Training Corps (AFROTC). The course primarily focuses on the mission and organization of the Air Force, Air Force dress and appearance standards, military customs and courtesies, Air Force heritage and introduction to communication skills. Weekly lab consisting of Air Force customs and courtesies, health and physical fitness, and drill ceremonies is mandatory for cadets. (Fall only)

# AERO 102 Foundations of the U.S. Air Force USAF Heritage and Values II 1 credit

Survey course that introduces students to the United States Air Force and the Air Force Reserve Officer Training Corps (AFROTC). The course primarily focuses on the mission and organization of the Air Force, Air Force dress and appearance standards, military customs and courtesies, Air Force heritage and introduction to communication skills. Weekly lab consisting of Air Force customs and courtesies, health and physical fitness, and drill ceremonies is mandatory for cadets. This course is a continuation of concepts and information introduced in AERO 101. (Spring only)

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### AERO 201 Evolution of U.S. Air Force Air and Space Power USAF Team and Leadership

#### **Fundamentals I**

#### 1 credit

Survey course that presents an overview of the history of the Air Force and key airpower concepts, development of the U.S. Air Force and its guiding principles, the employment of airpower from the advent of manned flight through the post-World War II period to current air and space operations and continued application of communication skills. Weekly lab of applied leadership exercises is required for cadets. Fundamental principles of leadership, followership, team building, and accountability within military. Develops communication skills. Cadets also attend weekly leadership laboratory. (Fall only)

Prereq or Coreq: AERO 101.

# AERO 202 Evolution of U.S. Air Force Air and Space Power USAF Team and Leadership Fundamentals II

#### 1 credit

Survey course that presents an overview of the history of the Air Force and key airpower concepts, development of the U.S. Air Force and its guiding principles, the employment of airpower from the advent of manned flight through the post-World War II period to current air and space operations and continued application of communication skills. Weekly lab of applied leadership exercises is required for cadets. Fundamental principles of leadership, followership, team building, and accountability within military. Develops communication skills. Cadets also attend weekly leadership laboratory. This course is a continuation of concepts and information introduced in AERO 201. (Spring only)

**Prereq or Coreq:** AERO 102

# AERO 311 Air Force Leadership and Management USAF Leading People and Effective Communication I

#### 3 credits

Leadership and quality management fundamentals, professional knowledge, leadership ethics, and communicative skills required of an Air Force officer; case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts being studied; a weekly lab provides advanced leadership experience in officer-type activities, giving students the opportunity to apply leadership and management principles of this course (the lab is mandatory for cadets). Applied leadership through supervision, mentorship, and case studies. Expands on military knowledge, ethics, and communications. Cadets attend weekly leadership laboratory. (Fall only)

**Prereq:** AERO 101, AERO 102, AERO 201, AERO 202. Student must be pursuing a commission in the military to take this course.

AERO 312 Air Force Leadership and Management USAF Leading People and Effective Communication II

3 credits

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Leadership and quality management fundamentals, professional knowledge, leadership ethics, and communicative skills required of an Air Force officer; case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts being studied; a weekly lab provides advanced leadership experience in officer-type activities, giving students the opportunity to apply leadership and management principles of this course (the lab is mandatory for cadets). Applied leadership through supervision, mentorship, and case studies. Expands on military knowledge, ethics, and communications. Cadets attend weekly leadership laboratory. This course is a continuation of concepts and information introduced in AERO 311. (Spring only)

**Prereq:** AERO 311. Student must be pursuing a commission in the military to take this course.

# AERO 411 National Security Affairs/Preparation for Active Duty USAF National Security, Leadership, & Commissioning Preparation I

#### 3 credits

An examination of the national security process, regional studies, advanced leadership ethics, and Air Force doctrine; focus of the military profession, officership, military justice, civilian control of the military, preparation for active duty, and refinement of communication skills; a lab consisting of advanced leadership experiences is mandatory for cadets. (Fall only)

Prereq: AERO 311. Student must be pursuing a commission in the military to take this course.

# AERO 412 National Security Affairs/Preparation for Active Duty USAF National Security, Leadership, & Commissioning Preparation II

#### 3 credits

An examination of the national security process, regional studies, advanced leadership ethics, and Air Force doctrine; focus of the military profession, officership, military justice, civilian control of the military, preparation for active duty, and refinement of communication skills; a lab consisting of advanced leadership experiences is mandatory for cadets. This course is a continuation of concepts and information introduced in AERO 411. (Spring only)

**Prereq:** AERO 312. Student must be pursuing a commission in the military to take this course.

#### **UNIVERSITY COMMITTEE ON GENERAL EDUCATION**

1. The following course will be added to the **CORS** offerings:

#### **CORS 236 Science for Non-Scientists**

#### 3 credits

This is a course in critical thinking, focused specifically on how to make rational or evidence-based decisions. Students learn to analyze claims (for example, media reports or studies) to identify possible weaknesses in the methodology or conclusions. The topics are drawn from everyday life, not hard-core science. The material is relevant to a broad range of fields including business, law, advertising, journalism, and many others.

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#### **UNIVERSITY HONORS PROGRAM**

1. Make the following changes to the **University Honors Program**:

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#### **Participation Requirements**

A member in good standing of the University Honors Program must be registered at the UI, maintain a 3.3 cumulative GPA, and complete a minimum of six graded honors credits by the end of the second semester; thereafter, students must complete, on average, one honors course every second semester. Students in the program who have averaged at least one graded honors course each semester and have a cumulative institutional GPA of 3.3 (credits earned at the UI) are allowed to register with the first group of seniors.

Students may use Honors sections of UI General Core Studies (GCS) courses to count toward satisfying university core requirements in general education. Depending on which courses students select, as many as 26 honors credits satisfy university core requirements in the humanities, social sciences, and natural and applied sciences. At present, honors seminars do not carry designated GCS Humanities or Social Science credits.

#### **Honors Program Award of Completion**

Students must complete 14 total honors credits and earn a UI cumulative GPA of 3.3 or above.

#### **Honors Core Award Requirements**

Students must complete 19 total honors credits. Up to three approved academic or experiential "points" may be substituted for honors credits. Up to nine Honors Course Contract credits, including Honors Research, may be applied toward the Core Award. Students must earn a 3.0 GPA or above in honors coursework and earn a UI cumulative GPA of 3.3 or above.

....