

**Advising Checkoff Sheet for Students in the Department of Animal Sciences
Oregon State University
Departmental Requirements and Recommended Electives**

**CLIP OPTION (982)
Communication, Leadership, Industry, and Policy
for Students Enrolling Fall 2007**

The CLIP (Communications, Leadership, Industry, and Policy) Option is open to any student within the Department of Animal Sciences provided that the student can obtain a faculty mentor willing to invest the considerable amount of time dealing with the student and the Senior Research/ Internship(s) necessary for completion of the option.

Name _____

Date _____

University Requirements: 180 credits; 60 upper division. This form lists required classes and ideas for electives. The student is responsible for selecting 60 Upper Division classes (300- and 400-level).

COLLEGE OF AGRICULTURAL SCIENCES: (A total of 36 hours in Agriculture required, 24 hours of which must be Upper Division.)

+ANS Core Required Classes

<u>Term Taken</u>	<u>Course Taken</u>	<u>Grade Received</u>	<u>Course Title</u>
_____	_____	_____	ANS 100 Orientation to Animal Sciences (2)
_____	_____	_____	ANS 121 Introduction to Animal Sciences (4)
_____	_____	_____	ANS 207 Sophomore Seminar (1)
_____	_____	_____	ANS 251 Principles of Animal Food Technology (3) (Prereq: ANS 121)
_____	_____	_____	ANS 311 Principles of Animal Nutrition (3) (Prereq: ANS 210 or ANS 313)
_____	_____	_____	ANS 313 Appl. Animal Nutrition: Feeds & Ration Formuation (4) (MTH 111)
_____	_____	_____	ANS 314 Animal Physiology (4) (Prereq: General Biology)
_____	_____	_____	ANS 316 Reproduction of Domestic Animals (4) (Prereq: ANS 121, BI 211, CH 121)
_____	_____	_____	ANS 317 Reproduction of Domestic Animals Laboratory (1) (Prereq: ANS 316)
_____	_____	_____	ANS 378 Animal Genetics (4) (Prereq: ANS 121, 1 yr. Biology, ST 351 or equiv.)
_____	_____	_____	ANS 420 Ethical Issues in Animal Agriculture (3) (WIC)

+Select TWO of the following ANS Core industry classes or electives (5-6 credits).

_____	_____	_____	ANS 215 Beef/Dairy Industries (3) (Prereq: ANS 121)
_____	_____	_____	ANS 216 Sheep/Swine Industries (3) (Prereq: ANS 121)
_____	_____	_____	ANS 217 Poultry Industries (3) (Prereq: ANS 121)
_____	_____	_____	ANS 220 Introductory Horse Science (3) (Prereq: ANS 121)
_____	_____	_____	ANS 231 Livestock Evaluation (Prereq: ANS 121)
_____	_____	_____	ANS 280 Companion Animal Management (3)

+Select One of the Two following ANS courses.

_____	_____	_____	ANS 410 Internship (6)
_____	_____	_____	or
_____	_____	_____	ANS 401 Senior Research (6)

<u>Term Taken</u>	<u>Course Taken</u>	<u>Grade Received</u>	<u>Course Title</u>
			<i>+ Select TWO classes from the following advanced ANS classes or electives (minimum of 3-16 credits).</i>
_____	_____	_____	ANS 315 Contentious Soc. Issues in Animal Agriculture (3)
_____	_____	_____	ANS 321 Avian Embryo (4) (Prereq: ANS 121, 217, BI 211)
_____	_____	_____	ANS 327 Applied Physiology of Reproduction (4) (Prereq: ANS 316, 317)
_____	_____	_____	ANS 331 Advanced Livestock Evaluation (4) (Prereq: ANS 231)
_____	_____	_____	ANS 351 Advanced Principles of Animal Food Technology (3) (Prereq: ANS 251)
_____	_____	_____	ANS 411/511 Dig. Phys. & Nutr. of Rum. Animals (4) (Prereq: ANS 313 or 311)
_____	_____	_____	ANS 412/512 Monogastric and Poultry Nutrition (3) (Prereq: ANS 313, 311)
_____	_____	_____	ANS 451/551, VM 451/551 Avian Diseases (3) (Prereq: Instructor Consent)
_____	_____	_____	ANS 465 Foodborne Disease (3)
_____	_____	_____	ANS 478/578 Animal Breeding and Genetics (3) (Prereq: ANS 378)
_____	_____	_____	ANS 480/580 Animal Growth (3) (Prereq: ANS 311, or ANS 411 and 314)
_____	_____	_____	ANS/HORT/SOC/FOR/PS 485/585 Consensus and Natural Resource Issues (3)
_____	_____	_____	ANS 490/590 Toxicants and Poisonous Plants (4) (Prereq: ANS 311)
_____	_____	_____	ANS ____ Additional Production Systems Course (3)
			+BUSINESS - Select one class for 4-year plan only (3-4 credits).
_____	_____	_____	BA 215 Fundamentals of Accounting (4)
_____	_____	_____	BA 230 Business Law (4)
_____	_____	_____	AREc 211 Management in Agriculture (4) (Prereq. EC 201)
_____	_____	_____	AREc 221 Marketing in Agriculture (3) (Prereq. EC 201)
			+MATHEMATICS
_____	_____	_____	MTH 111 College Algebra (4)
			+STATISTICS - Select one subset (4 credits)
_____	_____	_____	ST 201 Principles of Statistics (3)
			and
_____	_____	_____	ST 209 Principles of Statistics (1)
			or
_____	_____	_____	ST 351 Introduction to Statistical Methods (4) (F,W)
			+CHEMISTRY
_____	_____	_____	CH 121 General Chemistry (5)
_____	_____	_____	CH 122 General Chemistry (5)
_____	_____	_____	CH 123 General Chemistry (5)
			<i>Select one class from the following:</i>
_____	_____	_____	CH 130 General Chemistry of Living Systems (4) (Prereq: CH 122)
_____	_____	_____	CH 331 Organic Chemistry (4) (Prereq: One Year College Chemistry)
_____	_____	_____	BB 331 Intro. to Molecular Biology (3) (Prereq. CH 122 or CH 221)

<u>Term Taken</u>	<u>Course Taken</u>	<u>Grade Received</u>	<u>Course Title</u>
			+BIOLOGICAL SCIENCES
_____	_____	_____	BI 211 Principles of Biology (4)
_____	_____	_____	BI 212 Principles of Biology (4)
_____	_____	_____	BI 213 Principles of Biology (4)
			+One Microbiology class
_____	_____	_____	MB 230 Introductory Microbiology (4)
			+COMMUNICATIONS - Written (6 credits); Oral (3 credits)
			Writing I
_____	_____	_____	WR 121 English Composition (3)
			Writing II
			<i>+Select one class.</i>
_____	_____	_____	HC 199 Honors Writing
			PHL 121 Reasoning and Writing
			WR 201 Writing for Media (meets CLIP Option)
			WR 214 Writing in Business
			WR 222 English Composition
			WR 224 Intro. to Fiction Writing
			WR 241 Intro. to Poetry Writing
			WR 323 English Composition
			WR 324 Short Story Writing
			WR 327 Technical Writing
			WR 330 Understanding Grammar
			WR 341 Poetry Writing
			Writing III
			<i>+Select one class or any other WR II class not taken to satisfy Writing II requirement</i>
_____	_____	_____	COMM 111 Public Speaking (3)
			COMM 114 Argument and Critical Discourse (3)
			COMM 218 Interpersonal Communication (3)
			COMM 218H Interpersonal Communication (3)
			Fitness Requirement (3 credits)
_____	_____	_____	+HHS 231 Lifetime Fitness for Health (2)
_____	_____	_____	+HHS 241 Lifetime Fitness for Health (1)
			*HHS 242 Lifetime Fitness: Aerobic Training (1)
			*HHS 243 Lifetime Fitness: Resistance Training (1)
			*HHS 244 Lifetime Fitness: Weight Management (1)
			*HHS 245 Lifetime Fitness: Running (1)
			*HHS 246 Lifetime Fitness: Walking (1)
			*HHS 247 Lifetime Fitness: Aquatic Exercise (1)
			*HHS 248 Lifetime Fitness: Yoga (1)

<u>Term Taken</u>	<u>Course Taken</u>	<u>Grade Received</u>	<u>Course Title</u>
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BACCALAUREATE CORE COURSE REQUIREMENTS:

+ PERSPECTIVES (No more than two courses from any one department may be used by a student to satisfy the Perspectives category of the core.)

Western Culture (3) Choose from any approved course.

ANTH 208 *Western Culture Study Abroad
 ANTH 312 *Peoples of the World-Europe
 AREc 253 *Evolution of U.S. Environmental & Natural Resource Law
 ART 204, 205, or 206 *Introduction to Art History - Western
 ECON 319 *Economic History and Development of the United States
 ENG 110 *Introduction to Film Studies
 ENG 125 *Film Comedy
 ENG 201, 202, or 203 *Shakespeare
 ENG 204, 205, or 206 *Survey of English Literature
 ENG 207, 208, or 209 *Literature of Western Civilization
 ENG 215 *Classical Mythology
 ENG 253, 254, or 255 *Survey of American Literature
 ENG 317, 318, or 319 *The American Novel
 EXSS 312 *Sociocultural Dimensions of Physical Activity
 FR 270 *France Today: Culture Within and Beyond Its Borders
 FR 331, 332, or 333 *French Culture and Society Since the Revolution
 FST 260 *Food Science & Tech. in Western Culture
 GEO 106 *Geography of the Western World
 GEO 326 *Geography of Europe
 GEO 329 *Geography of the United States and Canada
 GER 331, or 332 *German Culture
 HST 101, 102, or 103 *History of Western Civilization
 HST 201, 202, or 203 *History of the United States
 LING 208 *Western Culture Study Abroad
 PHL 150 *Great Ideas
 PHL 170 *The Idea of God
 PHL 201 *Introduction to Philosophy
 PHL 205 *Ethics
 PHL 207 *Political Philosophy
 PHL 220 *World-Views and Values in the Bible
 PHL 251 *Knowers, Knowing, and the Known
 PHL 301, 302, 303 *History of Western Philosophy
 PHL 360 *Philosophy and the ARTS
 PHL 365 *Law in Philosophical Perspective
 PS 206 *Introduction to Political Thought
 RUS 231, 232, or 233 *Russian Culture
 SPAN 331, or 332 *The Cultures of Spain and Portugal
 SPAN 336, 337 or 338 *Latin American Culture
 TCS 200 *Twentieth Century Realities: The U.S.
 TCS 201 *Twentieth Century Dreams: The U.S. (3)

Term
Taken

Course
Taken

Grade
Received

Course Title

Culture Diversity (3) Choose from any approved course.

ANTH 209 *Cultural Diversity Study Abroad
ANTH 210 *Comparative Cultures
ANTH 311, 313, 314, 315, 316, 317, 318, 319 *Peoples of the World
ART 207 *Indigenous Art of the Americas
CHN 331, 332, or 333 *Chinese Culture
ENG 210, 211, 212, or 213 *Literatures of the World
ENG 360 *Native American Literature (3)
ES 101 *Introduction to Ethnic Studies
ES 231 *Asian American Studies I: First and Second Generations
ES 241, 242, or 243 *Survey of American Indian/Alaskan Native Studies
GEO 105 *Geography of the Non-Western World
GEO 325 *Geography of Africa
GEO 327 *Geography of Asia
GEO 328 *Geography of Latin America
HST 104 *World History I: Ancient Civilizations
HST 105 *World History II: Middle and Early Modern Ages
HST 106 *World History III: The Modern and Contemporary World
HST 320 *Ancient Near East
HST 350 or 351 *Modern Latin America
HST 381 or 382 *History of Africa
HST 387 or 388 *Islamic Civilization
HST 391 or 392 *East Asia
HST 485 *Politics and Religion in the Modern Middle East
JPN 331, 332, or 333 *Japanese Culture
LING 209 Cultural Diversity Study Abroad
MUS 108 *Music Cultures of the World
NFM 216 *Food in Non-Western Culture
PHL 160 *Quests for Meaning: World Religions
PHL 312 *History of Non-Western Religious Ideas
PHL 371 *Philosophies of China
RUS 231, 232, or 233 *Russian Culture
WS 280 *Global Women

Literature and the Arts (3) Choose from any approved course.

ART 101 *Introduction to the Visual Arts
ART 204, 205, or 206 Introduction to Art History - Western
ENG 104, 105, or 106 *Introduction to Literature
ENG 110 *Introduction to Film Studies: 1895-1945
ENG 125 *Intro to Film Studies: 1945-Present
ENG 201, 202, or 203 *Shakespeare
ENG 204, 205, or 206 *Survey of English Literature
ENG 207, 208, or 209 *Literature of Western Civilization
ENG 210, 211, 212, or 213 *Literatures of the World
ENG 215 *Classical Mythology
ENG 221 *African-American Literature
ENG 245 *The New American Cinema
ENG 253, 254, or 255 *Survey of American Literature
ENG 260 *Literature of American Minorities
ENG 265 *Films for the Future
ENG 275 *The Bible as Literature
ENG 317, 318, or 319 *The American Novel
ENG 362 *Women's Voices in American Literature
ENG 374 *Modern Short Story
ES 334 *Asian American Literature
MUS 101 *Music Appreciation I: Survey
MUS 102 *Music Appreciation II: Periods and Genres
MUS 103 *Music Appreciation III: Great Composers
RUS 232 *Russian Culture
RUS 340 *19th Century Russian Literature in Transition
RUS 341 *20th Century Russian Literature in Transition
RUS 342 *20th Century Russian Drama in Transition
SPAN 240 *Mexican Women Writers
TA 147 *Introduction to the Theater
TA 330 *^History of the Theater
TA 331 *^History of the Theater
TA 332 *^History of the Theater

<u>Term Taken</u>	<u>Course Taken</u>	<u>Grade Received</u>	<u>Course Title</u>
			Social Processes and Institution (3) (Recommend ECON 201) ANTH 110 *Introduction to Cultural Anthropology AREC 250 *Introduction to Environmental Economics and Policy ECON 201 *Introduction to Microeconomics ECON 202 *Introduction to Macroeconomics EXSS 312 *Sociocultural Dimensions of Physical Activity H 150 *Environmental health & Safety: Hits and Near Misses H 210 *Intro. to Health Services and Organizations H 225 *Social and Individual Health Determinants HDFS 201 * Individual and Family Development HDFS 240 *Human Sexuality HST 101, 102, or 103 *History of Western Civilization NMC 101 *Intro. to New Media Communications PS 201 *Introduction to United States Government PS 204 *Introduction to Comparative Politics PS 205 *Introduction to International Relations PSY 201 or 202 *General Psychology SOC 204 *Introduction to Sociology SOC 205 *Institutions and Social Change WS 223 *Women: Self and Society WS 224 *Women: Personal and Social Change
			Difference, Power, & Discrimination (3) Choose from any approved course. AG 301 *Ecosystem Science of Pacific NW Indians ANTH 251 *Language in the United States ANTH 345 *Biological and Cultural Constructions of Race ANTH 451 *Sociolinguistics CSS 381 *Agriculture, Power Discrimination, and Survival DHE 270 *Appearance, Power, and Society ECON 383 *The Economics of Discrimination ENG 220 *Topics in Difference, Power, & Discrimination <i>{See Schedule of Classes for specific section}</i> ENG 260 *Literature of American Minorities ENG 420 *Studies in Difference, Power, and Discrimination ES 212 *Survey of Chicano/A-Latino/A Studies II ES 213 *Contemporary Latino/A Culture & Issues ES 216 *Las Presencia Mexicana En Los Estados Unidos ES 221 *Survey of African American Studies I ES 223 *Survey of African American Studies III ES 233 *Asian American Studies II: Activism and Empowerment ES 243 *Native American Experience In The 20th Century U.S. ES 351 *Ethnic Minorities in Oregon ES 352 *Asian Representation in Hollywood and Independent Cinemas ES 452 *Ethnicity in Film EXSS 475 Power and Privilege in Sport FW 340 *Multicultural Perspectives in Natural Resources GEO 309 * Environmental Justice H 120 *Health & Culture: Using Theatre to Promote Health H 465 *Public Health & Women: Social and Policy Issues2 HDFS 201 *Individual and Family Development HST 201, 202, or 203 *History of the United States HST 368 *Lesbian and Gay movements in Modern America LING 251 *Languages of Oregon MB 330 *Disease and Society PHL 280 *Ethics of Diversity PS 363 *Gender and Race in American Political Thought PS 375 *The Civil Rights Movement and Policies PS 425 *Gender and the Law SOC 206 *Social Problems and Issues SOC 312 *Sociology of the Family SOC 360 *Population Trends and Policy SOC 426 *Social Inequality TA 360 *Multicultural American Theater TCS 200 *Twentieth Century Realities: The US WS 223 *Women: Self and Society WS 224 *Women: Personal And Social Change WS 230 *Women in the Movies WS 414 *Systems of Oppression in Women's Lives WS 420 *Hate, Resistance, and Reconciliation

<u>Term Taken</u>	<u>Course Taken</u>	<u>Grade Received</u>	<u>Course Title</u>
Synthesis (6 credits). (Upper Division) (The two synthesis courses must be taken in different departments)			
_____	_____	_____	Contemporary Global Issues (3) Choose from any approved course.

ANTH 380 *Cultures in Conflict
 ANTH 462 *Minority Cultures of China
 ANTH 482 *World Food & Cultural Implications of International Ag. Dev.
 ANTH 483 *Medical Anthropology
 ANTH 484 *Wealth and Poverty
 ANTH 488 *Business and Asian Culture
 AREc 351 *Natural Resource Management
 AREc 461 *^Agricultural and Food Policy Issues
 BA 465 * Systems Thinking & Practice
 BI 301 *Human Impacts on Ecosystems
 BI 306 *Environmental Ecology
 BI/Z 349 *Biodiversity: Causes, Consequences and Conservation
 COMM 446 *Communication in International Conflict and Disputes
 CSS 330 *World Food Crops
 ECON 340 *International Economics
 ENG 416 *Power and Representation
 ENG 457 * Comparative Literature: Colonialism/Postcolonialism
 ENG 458 * Comparative Literature: Colonialism/Postcolonialism
 ENG 497 *International Women's Voices
 FE/FOR 456 *International Forestry
 FOR 365 *Issues in Natural Resources Conservation
 FW 325 *Global Crises in Resource Ecology
 GEO 300 *Environmental Conservation
 GEO 308 *Global Change and Earth Sciences
 GEO 311 *20th Century U.S. Environmental Policy
 GEO 350 *Population Geography
 H 312 *Aids and Sexually Transmitted Diseases in Modern Society
 H 490 *Systems Thinking And Practice
 HDFS 447 *Families and Poverty
 HDFS 471 *The World Consumer (3)
 HST 317 *Why War: A Historical Perspective
 HST 385 *Regional Conflict in Global Context
 HST 390 *Mideast Women: In Their Own Words
 HST 425 *The Holocaust In Its History
 HST 465 *American Diplomatic History
 HST 485 *Politics and Religion in the Modern Middle East
 MB 390 *The World According to Microbes
 PHL 344 *Pacifism, Just War, and Terrorism
 PHL 443 *World Views and Environmental Values
 PS 345 *The Politics of Developing Nations
 SOC 454 *Leisure and Culture
 SOC 480 *Environmental Sociology
 TCS 301 *World Community in the Twentieth Century: Underdevelopment
 WS 450 *Ecofeminism
 WS 480 *International Women
 WS 495 *Feminist Theology and Spirituality
 WSE 470 *Forests, Wood, and Civilization
 Z 349 *Biodiversity: Causes, Consequences, and Conservation

<u>Term Taken</u>	<u>Course Taken</u>	<u>Grade Received</u>	<u>Course Title</u>
			Sciences, Technology, and Society (3) ANS 315 *Contentious Social Issues in Animal Agriculture ANS/FW/FOR/HORT/PS/SOC 485 *Consensus and Natural Resource Issues ANTH 330 *Evolution of People, Technology, and Society ANTH 432 *The Archaeology of Domestication and Urbanization ANTH 481 *Natural Resources and Community Values AREc/ECON 352 *Environmental Economics and Policy ART 367 *History of Design ATS 320 *Man's Impact On Climate BB 331 *Introduction to Molecular Biology BB 332 *Molecular Medicine BI/ENT/HORT 300 *Plagues, Pests, and Politics BI 420 *Viruses in Modern Society BI/FS 430 *Biotechnologies: Ag, Food, and Resource Issues BOT 489 *^Analysis of Environmental Issues CH 374 *Technology, Energy, and Risk CS 391 *Social and Ethical Issues in Computer Science CSS 335 *Water Resource Science CSS 395 *World Soil Resources DHE 462 * History of the Near Environment II ENG 415 *Industrialism and the English Novel ENGR 350 *Sustainable Engineering ENSC 479 *^Environmental Case Studies ES 445 *Native American Science and Technology FST 421 * Food Law FW 350 *Endangered Species, Society, and Sustainability FW/HSTS 470 (Ecology & History: Landscapes of the Columbia Basin GEO 300 *Environmental Conservation GEO 305 *Living with Active Cascades Volcanoes GEO 306 *Minerals, Energy, Water, and the Environment GEO 307 *National Park Geology & Preservation GEO 335 *Introduction to Water Science and Policy GEO 352 *Oregon: Geology, Place, and Life on the Ring of Fire GEO 380 *Earthquakes in the Pacific Northwest H 320 *Introduction to Human Disease H 445 *Occupational Health HST 481 *Environmental History of the United States HSTS 411, 412, or 413 *History of Science HSTS 414 *History of Twentieth-Century Science HSTS 415 *^Theory of Evolution and Foundation of Modern Biology HSTS 417 *^History of Medicine HSTS 418 *^Science and Society HSTS 419 *^Studies in Scientific Controversy: Method and Practice HSTS 421 *Technology and Change HSTS 422 *historical Studies of Science and Politics HSTS 423 *Science and Religion HSTS 425 *History of Life Science HSTS 440 *History of Psychotherapy HSTS 470 *Ecology and History: Landscapes of the Columbia Basin NE 319 *Societal Aspects of Nuclear Technology NFM 312 *Issues in Nutrition and Health NMC 421 *Diffusion of Innovations PH 313 *Energy Alternatives PH 331 *Sound, Hearing, and Music PH 332 *Light, Vision, and Color PHAR 321 *Science and Culture of Cosmetics PHL 325 *Scientific Reasoning PHL 340 *Science, Policy, and Society PHL 444 *Biomedical Ethics PHL 447 *Research Ethics PS 370 *Science, Religion, and Politics PS 476 *Science and Politics RNG 477 *Agroforestry SOC 456 *Science and Technology in Social Context SOC 481 *Society and Natural Resources WS 320 *Gender and Technology WS 340 *Gender and Science Z 345 *Introduction to Evolution Z 348 *Human Ecology
	<u>ANS 420</u>		<u>Writing Intensive Course</u>

<u>Term Taken</u>	<u>Course Taken</u>	<u>Grade Received</u>	<u>Course Title</u>
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CLIP OPTION REQUIREMENTS

Writing/Communication Requirements for CLIP (10 credits)

_____	_____	_____	WR 201 Writing for Media (<i>meets WR II req.</i>)
_____	_____	_____	WR 301 Reporting (4)
_____	_____	_____	WR 448 Magazine Article Writing (3)
_____	_____	_____	COMM 280 Media Commun. in the Information Age (3)

Political Sciences Requirements for CLIP — Select 12 credits from:

_____	_____	_____	PS 201 Intro. to Political Science (4) (<i>Bac. Core</i>)
			<i>Choose 8 credits from:</i>
_____	_____	_____	PS 371 Public Policy Problems (4)
_____	_____	_____	PS 474 Natural Resource Policy (4)
_____	_____	_____	PS 475 Environmental Politic and Policy (4)
_____	_____	_____	PS 476 Science and Politics (4)

AREc Requirements for CLIP — Select 9-10 credits from:

_____	_____	_____	AREc 253 Evolution of U.S. Environ. & Nat. Resource Law (4) (<i>Bac Core</i>)
_____	_____	_____	AREc 352 Environ. Economics & Policy (3) (<i>Bac. Core</i>)
_____	_____	_____	AREc 353 Public Land Statues & Policy (4)
_____	_____	_____	AREc 453 Public Land & Resource Law (4)

Miscellaneous Requirements for CLIP — Select 10 credits from:

_____	_____	_____	FOR 365 Issues in Natural Resources Conservation (3) (<i>Bac Core</i>)
_____	_____	_____	FW 251 Principles of Fish & Wildlife Conservation (3)
_____	_____	_____	RNG 341 Intro. to Rangeland Resources (3)
_____	_____	_____	RNG 442 Range-Animal Relations (4)

