2015 - 2016

Suggested Courses for the Certificate of Graduate Study in Ecological Economics

Core Courses:

FALL 2015

Theory:
NR 341 - Ecological Economic Theory, w/Erickson*

Methods:
NR 385 - Ecological Economics Spatial Modeling, w/Galford*

Practice:
NR 385 – Travel Study: Agroecology, Farmer & Ecosystem, w/Farley*

RECOMMENDED ELECTIVES TO FULFILL COMPETENCIES

There are many possible ways to fulfill your competencies, which can be tailored to meet your specific interests. Some electives can potentially fit in more than one category, but there is no double counting.

FALL 2015

SOCIAL SCIENCES
CDAE 237 – Economics of Sustainability, w/Farley*
CDAE 254 - Microeconomics for Applied Economics, w/Wang
FOR 285 – Community Based Natural Resource Management, w/Danks*
FS 345 - Food systems, society and policy, w/Trubek
NR 306 - Envisioning a Sustainable Future, w/Wang*
PA 326 – Community Economic Development, w/Inwood

NATURAL SCIENCES
BIOL 271 - Evolution, w/ Goodnight
BIOL 385 - Biology, w/Gotelli
FOR 385 – Forest Ecosystem Dynamics, w/Keeton*
NR 220 – Landscape Ecology, w/Ricketts*
NR 280 - Stream Ecology, w/Bowden
PSS 212 - Advanced Agroecology, w/Mendez*

MANAGEMENT
BSAD 222 – Human Resource Management, w/Cope
BSAD 395 – Professional Communications, w/Walberg
CDAE 251- Contemporary Policy Issues: Community Development, w/Watts
PA 301- Foundations of Public Administration, w/Zia*
PA 305 – Public and Nonprofit Budgeting, w/Cate
TRC 312 – Sustainability and Transportation, w/Lee

QUANTITATIVE METHODS
CDAE 250 - Applied Research Methods, w/Connor
CDAE 351 - Research Methods, w/Kolodinsky or DeSisto
NR 343 - Fundamentals of Geographical Information Systems, w/Voigt*
PA 303 – Research and Evaluation Methods, w/Kolodinsky or DeSisto
STAT 211 - Statistical Methods I, w/Single

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SPRING 2016
Core Courses:
Theory:
NR 341 - Ecological Economic Theory, w/Farley*

Methods:
WFB 352 – Population Dynamics and Modeling, w/Donovan

NR 395- Ecological Economic Methods, w/Mendez* - Only E4A students
CDAE 295 - Complexity in Food Systems, w/Garza
CDAE 295- Community Participatory Research, w/Westdijk

Practice:
CDAE 395 – Travel Study: Agroecology, Farmer & Ecosystem, w/Farley*
NR 395 – Travel Study: Ridges to Reefs in Cuba, w/Roman*
NR 395 - Energy Systems Transitions, w/Stephens*

RECOMMENDED ELECTIVES TO FULFILL COMPETENCIES

SOCIAL SCIENCES
CDAE 354 - Advanced Microeconomics, w/Wang
CDAE 321 - The Economics of Food Systems, w/Conner
FS 340 – Food Systems, Science and Policy, w/Kindstedt
NR 254 – Advanced Natural Resource Policy, w/Ventriss
PA 306 - Policy Systems, w/Zia*

NATURAL SCIENCES
BIOL 264 - Community Ecology, w/Gotelli
FOR 272 - Sustainable Management of Forest Ecosystems, w/Keeton*
NR 298 – Advanced Ecological Design, w/Staff
WFB 279 - Marine Ecology, w/Roman*
WFB 224 - Conservation Biology, w/McDonald

QUANTITATIVE METHODS
CDAE 250 - Applied Research Methods, w/Sun or Wang
CDAE 395 – Applied Econometrics, w/ Conner
NR 242 - Advanced Geospatial Techniques, w/ Buford
STAT 211 - Statistical Methods I, w/ Staff
STAT 223 – Applied Multivariate Analysis, w/ Mickey

MANAGEMENT
CDAE 273 – Project Development and Planning, w/ Baker
NR 265- Environment and Human Behavior, w/ Kuentzel*
PA 302 – Organization Theory, w/ Koliba*
PA 319 – State Administration, w/ Cate
PRT 240 – Park and Wilderness Management, w/ Manning

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Summer 2016

Practice:
There will be an energy atelier with Jon, we just don’t have it listed yet, w/ Erickson*
PSS 212 – Advanced Agroecology, w/ Mendez*
ENVS 295 – Sustainability on Campus, w/ Verrei-Berenback

RECOMMENDED ELECTIVES TO FULFILL COMPETENCIES

SOCIAL SCIENCES
CDAE 254 – Microeconomics for Applied Economics, w/ Wang
FS 395 – Leadership for a Sustainable Food Systems, w/ Izzo
PH 395 – One Health Zoonoses, w/ Blevins

NATURAL SCIENCES
NR 385 – Energy Systems, w/ Erickson*
PSS 212 – Advanced Agroecology, w/ Mendez*
BIOL 254- Population Genetics, w/ Stevens

MANAGEMENT
PA 323 – Non-profit Administration, w/ Van Buren
PA 395 – Multi-Cultural Leadership, w/ Timsina
PA 395 – Public and Non-profit HR Management, w/ Cate

QUANTITATIVE METHODS
CDAE 295 - Data Mgmt & Analysis in Excel, w/ Liang
PA 303 – Research and Evaluation Methods, w/ DeSisto
STAT 211 – Statistical Methods I, w/ Son

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