



M.S. – AGRICULTURAL AND RESOURCE ECONOMICS*

Plan A – 30 CR including thesis (maximum of 6 credits for thesis)

Plan B – 30 CR including technical paper (no thesis credit awarded)

Core Courses (required within first 2 semesters):		
AREC/ECON 506 Applied Microeconomic Theory [FA]		3
<i>Prereq: ECON 306</i>		
AREC 507 Applied Welfare & Policy Analysis [SP]		3
<i>Prereq: ECON 306</i>		
AREC/ECON 535 Applied Econometrics [FA]		3
<i>Prereq: AREC/ECON 335; ECON 304 or ECON 306</i>		Total: 9
One Methods Course (required within first 3 semesters): Choose one:		
AREC 615 Optimization Methods for Applied Economics [FA]		3
<i>Prereq: AREC 506</i>		
AREC/ECON 635 Econometric Theory I [FA]		3
<i>Prereq: AREC/ECON 535; ECON 501 or concurrent registration</i>		Total: 3
Agricultural Economics Field Courses (required for Ag Economics Field within first 3 semesters):		
AREC 605 Agricultural Production & Cost Analysis [SP]		2
<i>Prereq: AREC/ECON 506 and AREC/ECON 535</i>		
AND		
AREC 610 Agricultural Marketing & Demand Analysis [SP]		2
<i>Prereq: AREC/ECON 506 and AREC/ECON 535</i>		
OR		Total: 4
Natural Resources Field Courses (required for Natural Resources Field within first 3 semesters):		
AREC/ECON 540 Environmental & Natural Resource Economics		3
<i>Prereq: AREC/ECON 506</i>		Total: 3
Elective Courses: (credits to fulfill total credit requirement):		
<i>300 & 400 level acceptable but need to be approved; however 300-level with AREC & ECON prefixes are not admissible.</i>		
ECON 501 Quantitative Methods for Economists [FA] <i>Highly recommended for prospective PhD students</i>		3
<i>Prereq: MATH 144 or 155 or 160</i>		
ECON 504 Applied Macroeconomics [SP] <i>Highly recommended for prospective PhD students</i>		3
<i>Prereq: ECON 304 & ECON 306</i>		
AREC 508 Financial Management in Agriculture [FA, odd year]		2
<i>Prereq: AREC 408</i>		
AREC 528 Applied Agribusiness Decision Tools [FA, even year]		2
<i>Prereq: AREC 305 or AREC 408 or FIN 305</i>		
AREC/ECON 540 Environmental & Natural Resource Economics (if not taken as field above) [SP]		3
<i>Prereq: AREC/ECON 506</i>		
AREC 542 Advanced Water Resource Economics [SP]		3
<i>Prereq: AREC 342; ECON 306; MATH 141 or 155 or 160; STAT 301</i>		
AREC 570/ECON 530 Methodology of Economic Research [FA]		3
<i>Prereq: ECON 304; ECON 306</i>		
AREC 605 Ag Production & Cost Analysis (if not taken as field above) [SP]		2
<i>Prereq: AREC/ECON 506; AREC/ECON 535</i>		
AREC/ECON 606 Microeconomic Analysis I [SP]		3
<i>Prereq: ECON 306 & ECON 501</i>		
AREC 610 Ag Marketing & Demand Analysis (if not taken as field above) [SP]		2
<i>Prereq: AREC/ECON 506; AREC/ECON 535</i>		
AREC 615 Optimization Methods for Applied Economics [FA]		2
<i>Prereq: AREC/ECON 506</i>		
AREC/ECON 635 Econometric Theory I [FA]		3
<i>Prereq: AREC/ECON 535; ECON 501</i>		
AREC/ECON 647 Land Use & Spatial Modeling [FA, odd year]		3
<i>Prereq: AREC/ECON 506; AREC/ECON 535</i>		
AREC 660 Development of Research-based Economies [SP]		3
<i>Prereq: AREC/ECON 506</i>		
AREC 695 Independent Study		1-18
AREC 699 Thesis	[Maximum of 6 credits]	1-18

[FA] offered in fall; [SP] offered in spring (Course offerings subject to change)

Additional Requirements:

- _____ 24 credits must be earned at CSU _____ 21 credits must be earned after admission to program
- _____ 16 credits must be in 500-level or above courses _____ Maintain 3.0 GPA or above
- _____ at least 12 credits at AREC or ECON 500-level or above (cannot be independent studies or research)

* **ECON 306 (Intermediate Microeconomics), AREC/ECON 335 (Introduction to Econometrics), and STAT 301 (Introduction to Statistical Methods) are required to enter the M.S. program.**