

## Degree Planning Guide – Finance Option

Student's Name: \_\_\_\_\_

Course	Course Description	Credits	Semester Offered	Year Taken
<b>Prerequisites or Equivalents:</b>				
AGEC 607	Research Methodology (or MS thesis)	Credit 3	Spring	
AGEC 621	Econometrics in Agribusiness	Credit 3	Fall	
ECON 607	Foundations of Microeconomic Theory	Credit 3	Fall, SSII	
ECON 611	Foundations of Macroeconomic Theory	Credit 3	Spring	
ECMT 660 <sup>a</sup>	Mathematical Economics I	Credit 3	Fall	
<b>Required Courses:</b>				
<b>Economic Theory:</b>				
ECON 629	Microeconomic Theory I	Credit 3	Fall	
ECON 630	Microeconomic Theory II	Credit 4	Spring	
<b>Core Requirement:</b>				
AGEC 635	Consumer Demand Analysis	Credit 3	Spring	
AGEC 636	Agribusiness Mkts. and Applied Welfare Analysis	Credit 3	Fall	
AGEC 637	Production Econ and Dynamic Optimization	Credit 3	Summer	
<b>Quantitative Methods:</b>				
ECON 685 <sup>b, c</sup>	Stat Prep	Credit 2	Fall (August)	
AGEC 661	Applied Econometric Methods in Agriculture	Credit 3	Spring	
AGEC 641	Operations Research Methods in Ag. Econ <b>OR</b>		Fall	
AGEC 643	Applied Simulation in Agricultural Economics	Credit 3	Fall	
Economic Theory or Quantitative Methods Elective <sup>d</sup>		Credit 3		
<b>Research Requirement:</b>				
AGEC 691 <sup>e</sup>	Research	Credit 18		
FINC 690	Research Topics Seminar	Credit 1	Fall	
FINC 688	Seminar in Research Methods	Credit 3	Summer	
<b>Field Requirement (15 Credits Required):</b>				
AGEC 671	Fundamentals in Agribusiness and Managerial Econ	Credit 3	Fall	
AGEC 685	Directed Studies in Agricultural Finance	Credit 3	Spring	
AGEC 695	Frontiers in Agribusiness and Managerial Econ	Credit 3	Spring	
FINC 688	Doctoral Seminars	Credit 6	Fall/Spring	

### Student's Advisory Committee:

Chair	Member	Member	Outside Member

**Minimum credit hours required, not counting prerequisites are 64, i.e., 46 hours of course work and 18 hours of research credits (AGEC 691) or additional coursework. Departures from listed course require written justification and approval by the proposed student's Advisory Committee Chair and the Associate Head for Graduate Programs at the time the degree plan is filed.**

<sup>a</sup> ECMT 660 is taught in Fall semester. ECON 460, taught Spring semester is a good substitute.

<sup>b</sup> or the STAT 414/415 or STAT 610/611 sequence

<sup>c</sup> Enroll for the Fall semester but the class is taught in August. This course can be taken for credit or a student can audit the course. If the student audits the class and passes the final exam, the student can replace this course with an elective on his/her degree plan.

<sup>d</sup> Choose from ECON 636 Macroeconomic Theory I; ECON 646 Macroeconomic Theory II; ECMT 669 Fundamental Mathematics for Economists; ECMT 675 Econometrics I; ECMT 677 Econometrics III; ECMT 678 Econometrics IV; ECMT 679 Econometrics V; AGECE 641 Operations Research Methods in Agricultural Economics; or AGECE 643 Applied Simulation in Agricultural Economics.

<sup>e</sup> Research credits may be replaced by course credits.

**Figure 19. PhD Scheduling of Curriculum – Finance Option**

		Summer (Month of August)
		<p><b>Quantitative Methods</b>                      ECON 685<sup>a</sup> (2) Stat Prep                      ECMT 669<sup>a</sup> (2) Math Prep</p>
Fall	Spring	Summer
<p><b>Required</b>                      ECON 629 (3) Microeconomic Theory I                      AGECE 636 (3) Agribus. Mkts. &amp; Welfare Econ.                      FINC 690 (1) Research Topics Seminar</p> <p><b>Quantitative Methods</b>                      AGECE 641 (3) Operations Research Theory                      ECMT 675 (3) Econometrics I                      STAT 610 (3) Theory of Statistics I                      AGECE 643 (3) Applied Simulation</p> <p><b>Field Courses</b>                      FINC 688 (3) Doctoral Seminar                      AGECE 685 (3) Directed Studies in Ag Finance                      AGECE 673 (3) Fundamentals: Resources                      AGECE 676 (3) Frontiers: Markets</p> <p><b>Research</b>                      FINC 690 (1) Research Topics Seminar                      AGECE 691 Research</p>	<p><b>Required</b>                      ECON 630 (4) Microeconomic Theory II                      AGECE 635 (3) Consumer Demand Analysis</p> <p><b>Quantitative Methods</b>                      AGECE 661 (3) Applied Econometrics                      STAT 611 (3) Theory of Statistics II</p> <p><b>Field Courses</b>                      AGECE 671 (3) Fundamentals in Agribusiness &amp; Managerial Economics                      AGECE 695 (3) Frontiers in Agbus. &amp; Ag Econ                      FINC 688 (3) Doctoral Seminar                      AGECE 672 (3) Fundamentals: Markets                      AGECE 677 (3) Frontiers: Resources</p> <p><b>Research</b>                      FINC 690 (1) Research Topics Seminar                      AGECE 691 Research</p>	<p><b>Required</b>                      AGECE 637 (3) Prod. &amp; Dyn. Optimization</p> <p><b>Quantitative Methods</b>                      ECON 685<sup>a</sup> (2) Stat Prep                      ECMT 669<sup>a</sup> (2) Math Prep</p> <p><b>Field Course</b>                      FINC 688 (3) Seminar in Research Methods</p> <p><b>Research</b>                      AGECE 691 Research</p>

<sup>a</sup> Enroll in Fall semester but course taught in August.

<sup>b</sup> Offered in May and August. Covers ECON 629, ECON 630, ECON 685 and quantitative applications focused at the level of ECMT 660 for calculus and linear algebra and ECMT 675 (or AGECE 621) for statistical tools.

<sup>c</sup> Offered in January and May. Field area and material covered from the core and quantitative methods courses will be integrated into the exams. These courses include AGECE 635, 636, 637, 641, 643, 661, and their prerequisites, with flexibility allowed for enrollment in 641 or 643. An oral preliminary exam that includes a defense of the student's dissertation proposal must be taken before the next administration of the written field preliminary exams.

