Matrix for AGED MS													
Student Learning Outcome\Course	AGED 600	AGED 601	AGED 602	AGED 603	AGED 604	AGED 605	AGED 606	AGED 607	AGED 608	AGED 609	AGED 610	AGED 689	AGED 699/696
1. Philosophy: Graduates will apply knowledge of philosophical and historical foundations of agricultural education to develop personal philosophy statements which guide components of agricultural education programs.													
a. Identify philosophical influences upon agricultural education			I	P				M					
b. Identify historical foundations to agricultural education.			**I**	P				M					
c. Identify components of successful agricultural education programs.			I	P				M					

d. Design personal philosophical statement.			I	P				M		I			
2. <u>Curriculum</u>: Graduates will create relevant, challenging and integrative agricultural curriculum. Graduates will recognize and adapt curriculum to meet curricular goals and objectives using a variety of educational theories and models.													
a. Identify learning theories and models.			**I**	P,M			M	M					
b. Analyze learners to identify curricular needs.			I	P		M	M	M					
c. Apply agricultural education theory to design appropriate curriculum.			**I**	P		M	M	M					
3. <u>Instruction</u>: Graduates will demonstrate effective teaching characteristics while utilizing a wide variety of teaching and learning strategies. Graduates will use appropriate practices to teach essential agricultural concepts, problem solving, skills of													

inquiry, communication and collaboration.													
a. Identify effective teaching theories and characteristics.			**I**	P		M	M	M	M				
b. Identify instruction needs for formal and non-formal educational environments.			**I**	P		M	M	M	I,P				
c. Apply characteristics of effective teaching to lesson facilitation.		I	P	P	M		M	M	M	M			
4. <u>Assessment</u>: Graduates will develop, administer and analyze formal, informal and performance assessment techniques to monitor and evaluate student learning and guide modification													
a. Identify assessment components of learning theories.		I	P		M				M		M		
b. Apply knowledge of effective assessment theories to develop formal, informal and performance assessments.		**I**	**P**		P				M		M		
c. Analyze assessment data.		I	P		P				M		M		
d. Utilize assessment data to modify instruction.		**I**	**P**		P		P		M		M		

5. Research: Graduates will demonstrate the ability to collect, analyze and share data related to agriculture as informed consumers and producers of educational research.													
a. Describe research methodology.	I,P												P,M
b. Apply research methodology to design a research study.	I,P												P,M
c. Demonstrate effective application of research methodology through collecting and analyzing statistical data.	I,P												P,M
6. Cultural and Global Awareness: Graduates will apply knowledge of diverse learners to create optimal learning environments.													
a. Identify characteristics of diverse learners.		I	I	P		P	M	M	M	M			M
b. Identify educational needs of diverse learners.		I	I	P		P	M	M	M	M			M
c. Apply knowledge of diverse learners to create optimal learning environments.		I	I	P	P	P	M	M	M	M			M
I=Introduce, P=practice, M=master													

AGED 600 Research Methodology in Agricultural Education													
AGED 601 Program Planning in Agricultural Education													
AGED 602 Instructional Methodology in Agricultural Education													
AGED 603 Agricultural Leadership, Supervision & Administration													
AGED 604 Program Evaluation in Agricultural Education													
AGED 605 Adult Learners in Agricultural Education													
AGED 606 Instructional Technologies for Agricultural Educators													
AGED 607 Agricultural Education Foundations, History and Philosophy													
AGED 608 Teaching Diverse Learners in Agricultural Education													
AGED 609 Occupational Experience in Agriculture (3 Units)													
AGED 610													
AGED 699T Master's Thesis													

AGED 699P Master's Project													
AGED 696 Comprehensive Examination													
AGED 697 Independent Study in Agricultural Education (1-3 Units)													