



CURRICULUM

Master of Arts in Education major in Technology and Livelihood Education Teaching

Academic Year 2018-2019

Reference CMO: CMO No. 53, s. 2007

Curriculum Description

Thesis programs in education aim to develop the competencies of classroom teachers and other education professionals to undertake research in specific areas within the broad field of educational science and practice. Such programs shall focus on replication, verification, validation, contextualization, and/or application of theoretical knowledge about the different aspects of the educational process.

Program Objectives

The Master of Arts in Education major in Technology and Livelihood Education Teaching (MAED-TLE) aims to produce educators who:

1. show competence in educational pedagogy and adapt with the innovations in technology education and knowledge generation;
2. provide technical and expert leadership and/or assistance in the conduct of socio-civic activities in the community; and
3. keep track of latest trends in the field of specialization and adopt creative and innovative solutions to the teaching and testing of concepts in technology and livelihood education through research and advanced studies.

Program Outcomes

Graduates of the MAED-TLE program are expected to:

1. utilize higher order skills and various methods of research in the analysis, critical assessment, and application and communication of knowledge in livelihood and technology education to everyday instruction and in the provision of meaningful learning experiences.
2. show advanced proficiency and dedication in the delivery of instruction, using a complex and coherent body of knowledge and skills in technology and livelihood education.
3. demonstrate creativity and flexibility in applying knowledge and skills to new situations, and solve complex problems in the field through rigorous thinking and independent work.
4. apply existing knowledge and utilize proper contexts in addressing various issues that concern the teaching and learning of the various components of technology and livelihood education.
5. manifest a comprehensive understanding of the methods of inquiry in their own research or advanced scholarship, and use these methods to create and interpret knowledge in the field.
6. continue to advance knowledge and skills in the field using the established sources of advanced information.

Curriculum Components

Code	Course Description	Units	Total
A. Basic Courses			9 units
Educ 501	Research Methodology	3	
Educ 502	Educational Measurement and Statistics	3	
Educ 508	Seminar in Technical-Vocational Education	3	
B. Major Courses			18 units
TLE 501	Industrial Arts	3	
TLE 502	Home Economics	3	
TLE 503	Agriculture and Fishery Arts	3	

TLE 504	Information and Communication Technology	3	
TLE 505	Entrepreneurship	3	
TLE 506	Current Trends, Issues and Challenges in Teaching Technology livelihood Education (TLE)	3	
	C. Cognates		6 units
TLE 507	Crafts and Products Design and Development	3	
TLE 508	Advance Shop Lay-out Design and Development	3	
TLE 509	Basic Robotics	3	
EM 503	Human and Material Resource	3	
	D. Thesis Writing		6 units
THESIS I	Thesis Writing I (Proposal Defense)	3	
THESIS II	Thesis Writing II (Final Defense)	3	

SUMMARY	
Courses	Number of Units
Basic Courses	9
Major Courses	18
Electives	6
Thesis Writing	6
TOTAL	39

ADMISSION POLICIES

1. Automatic admission of an applicant with bachelor's degree in education major incTLE, BS Industrial Education, BS Home Economics (BSHE), Bachelor of Technical and Teacher Education (BTTE).
2. Non-TLE/HE/BTTE major applicant will be required to take the following courses (9 units) before taking the major courses.

Course Code	Course Description	No. Of Unit
TLE 498	Basic Electricity and Basic Electronics	3 units
TLE 499	General Cookery and Food Preservation	3 units
TLE 500	Basic Agriculture and Fishery Arts	3 units

3. For non-education graduate the following courses (9 units) should be completed before enrollment in the basic courses.

Course Code	Course Description	No. of Units
Educ 500	The Teaching Profession	3 units
Educ 509	Psychology of Teaching and Learning	3 units
Educ 510	Curriculum Development and Academic Planning	3 units
Educ 512	Foundations of Education	3 units