

## Middle Level & Elementary Education Program Sheet

### 123 credits

Name \_\_\_\_\_

Students are also responsible to meet requirements in the general education program regarding Writing Emphasis, Multicultural Emphasis, Information Literacy, and External Experiences.

<b>General Education (15 credits-stand alone)</b>		
Composition	ENGL 100 -Composition	3
#Philosophy		3
#Speech		3
Literature	ENGL 110 - Introduction to Literature	3
#Art/Music/Theater/ Dance		3
#Art/Music/Theater/ Dance		3
Lab Science	PHYS 101- Matter and Energy	3
Lab Science	CHEM 101 -Chemistry in the Environment	3
Mathematics	MATH 102 –Number Systems	3
Psychology	PSYC103-Adolescent Psychology	3
Sociology/ Anthropology/ Geography	GEOG 260-World Regional Geography	3
World History		3
Gov/Economics	POLI 105-American National Government	3
#Wellness		3
<b>Education Core Courses (31 credits)</b>		
ELML119	First Year Seminar for Elementary and Middle Level Education Students	1
PSYC 103	Adolescent Psychology*	3
ELML 210	Learning Theory for Middle Level Learners	3
ELML 2--	Introduction to Language Arts Methods for Elementary and Middle Grades	1
PSYC 201	Educational Psychology	3
ELML 310	Assessment and Differentiation in the 4-8 Classroom	3
ELML 4--	Interventions and Classroom Management Strategies for Middle Level Learners	3
ELML 4--	Curriculum Development	2
ELML 493	Student Teaching and Professional Practicum: Elementary and Middle Level I	6
ELML 494	Student Teaching and Professional Practicum: Elementary and Middle Level II	6
<b>Special Education Courses (6 credits)</b>		
SPEC 204	Cognitive Development for Diverse Learners	3
SPEC 309	Effective Instructional Strategies for Students with Disabilities in Inclusive Settings	3

# Stand Alone General Education Courses. A detailed list of courses that meet General Education Requirements can be found at [www.lhup.edu/registrar/general\\_education\\_course\\_list.htm](http://www.lhup.edu/registrar/general_education_course_list.htm).

\* Also meets General Education Requirements

## Option 1--Science (Geology)

<b>Geology Content Courses (30 credits)</b>		
GEOS 130	Principles of Geology I	3
Introductory Level Course	Choose 1: BIOL 108 Field Natural History, BIOL 110 Introduction to Microbiology, PHYS 102 The Mechanical Universe, PHYS 110 How Things Work, PHYS135 Meteorology, PHYS 140 Astronomy of the Solar System, PHYS 145 Stars, Galaxies, and Cosmology, CHEM 105 Forensic Chemistry, CHEM 111 Chemistry of Nutrition, GEOS 110 Physical Geology, GEOS 120 Oceanography, SCI 201 Inquiry into Physical Science, or SCI 110 Science, Technology, and Society	3
BIOL 102	Environmental Science	3
CHEM 101	Chemistry in the Environment*	3
PHYS 101	Matter and Energy*	3
BIOL 101	Basic Biology	3
Advanced Level Courses	Choose 3: BIOL 309 Ecology, GEOS 131 Principles of Geology II, GEOS 213 Introduction to Geographic Information Systems, GEOS 215 Environmental Geology, GEOS 230 Geomorphology GEOS 301 Invertebrate Paleontology, GEOS 305 Mineralogy and Petrology, or GEOS 315 Sedimentology	9
ELML 3--	Science for the Elementary and Middle Level Learner	3
<b>Other Content Courses (36 credits)</b>		
<b>Lang. Arts/Reading</b>		
ENGL 100	Composition*	3
ENGL 110	Introduction to Literature*	3
ELML 3--	Language Acquisition Theory and Writing Instruction	3
ELML 3--	Effective Instructional Literary Strategies	3
<b>Social Studies</b>		
POLI 105	American National Government*	3
HIST 101 or HIST 102	World History I*or World History II*	3
HIST 150	American History	3
GEOG 260	World Regional Geography*	3
<b>Mathematics</b>		
MATH 102	Number Systems*	3
MATH 113	Pre-calculus	3
MATH 215	Statistics and Geometry	3
ELML 3--	Mathematics for the Elementary and Middle Level Learner	3
<b>Methods Courses (5 credits)</b>		
ELML 4--	Science Methods for Elementary and Middle Grades III	3
ELML 4--	Social Studies Methods for Elementary and Middle Grades I	1
ELML 4--	Mathematics Methods for Elementary and Middle Grades I	1

\* Also meets General Education Requirements and also listed on the reverse side. Some courses appear in more than one section. These courses meet General Education Requirements **and** Program Requirements. You do **not** need to take them twice. You must have **written** permission from your advisor to substitute courses for those on your advising sheet.