

**TEACHERS COLLEGE, HENDERSON STATE UNIVERSITY**  
 Department of Curriculum and Instruction—Dr. M. Sutherlin, Chair  
**Math/Science Middle Level Education (4-8) Advising Degree Sheet (125 hours total)**

Name: \_\_\_\_\_ Student Identification Number: \_\_\_\_\_  
 Email: \_\_\_\_\_ Phone Number: \_\_\_\_\_

**LIBERAL ARTS CORE**

<p><b>ENGLISH 6 hrs</b>                  ENG 1463 English A* _____                  ENG 1473 English B* _____</p> <p><b>COMMUNICATION 3 hrs</b>                  COM 2013 Oral Comm* _____</p> <p><b>MATHEMATICS 3 hrs</b>                  MTH 1213 Alg. for Elem &amp; Mid. Grds*                  (or MTH 1243 College Algebra) _____</p> <p><b>FINE ARTS &amp; HUMANITIES 6 hrs</b>  <b>Select one of the following:</b> _____                  ART 2033 Hum Art                  MUS 2033 Hum Music                  THA 2033 Theatre Arts</p> <p><b>Select one of the following:</b> _____                  ENG 2013 World Literature I                  ENG 2023 World Literature II                  ENG 2683 Masters of Western Lit</p> <p><b>*Required for entrance into Teacher Education Program with a grade of "C" or better.</b></p>	<p><b>BIOLOGY GENERAL EDUCATION 4hrs</b>                  BIO 1013 Intr Bio +Lab1021L _____</p> <p><b>CHEM/PHYS GENERAL EDUCATION 4hrs</b>                  CHM 1034 Gen Chem +Lab1034L _____</p> <p><b>CORE ELECTIVE 4 hrs</b>                  BIO 2104 Gen Bot +Lab 2104L _____                  BIO 2114 Gen Zoo +Lab 2114L _____</p> <p><b>PHYSICAL WELL BEING 1 hr</b>                  HPR 1-hour Activity —OR—                  HPR 1011 Life Fit Concepts _____</p> <p><b>GENERAL EDUCATION 1hr</b>                  GEN 1031 Henderson Seminar _____</p> <p style="text-align: center;"><b>Advisor Note:</b>  <b>No more than 7 hours of "D" in LAC.</b></p>	<p><b>SOCIAL SCIENCE 9 hrs</b>                  HIS 1013 Civilization to 1660 <b>OR</b>                  HIS 1023 Civ since 1660 _____</p> <p>PSC 1013 Am Natl Govt <b>OR</b>                  HIS 2053 US His to 1877 <b>OR</b>                  HIS 2063 US His since 1877 _____</p> <p><b>Plus 3 additional hrs from the following:</b>                  GEO 1023 Intro to Geography or                  GEO 2163 World Geography _____</p> <p><b>NON-WESTERN CULTURE3hrs</b> _____                  EDU 4543 Tchng People of Other Cultures                  required for middle level education program</p> <p><b>WRITING ELECTIVE 3 hrs</b> _____                  ENG 3313 University Writing                  ENG 4453 Advanced Composition                  ENG 3613 Technical Writing                  MMC 4223 Magazine/Feature Wrtnng</p>
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<p style="text-align: center;"><b>PRINCIPLES OF LEARNING AND TEACHING</b></p> <p style="text-align: center;"><b>PLT CORE COURSES</b></p> <p><b>PLT Module I 6 hrs</b>                  EDU 2000 Teacher Education Orientation _____                  EDU 2423 Introduction to Education _____                  EDU 2043 Educational Technology _____</p> <p><b>PLT Module II 3 hrs</b>                  SPE 3013 Psych of the Exceptional Child _____</p> <p><b>PLT Module III 5 hrs--must be admitted Teacher Education Program</b></p> <p>EDU 4302 Assessmt &amp; Ed. Measurement 4-8** _____                  EDU 4433 Classroom Management 4-8** _____</p> <p><b>Professional Semester 12 hrs</b>                  EDM 4296 4-8 Internship Content** _____                  EDM 4306 4-8 Internship Clinical** _____</p> <p><b>**Must be admitted to Teacher Education Program</b></p>	<p style="text-align: center;"><b>SPECIALTY AND PRACTICUM COURSES 52 hrs</b></p> <p><b>Math Specialty Courses</b>                  MTH 3523 Discrete Math for Mid Grades (fall only) _____                  MTH 3553 Foundations of Calculus/Mid Grds (spring) _____                  MTH 4563 Math Modeling &amp; Appl/Mid Grds (fall only) _____</p> <p><b>Science Specialty Courses</b>                  PHY 2034 Gen Physics I +Lab2034L _____</p> <p><b>Middle Level Core Courses 39 hrs</b>                  EDM 3143 Middle Level Philosophy and Org _____                  EDM 3153 Adolescent Development and Prac _____                  EDM 3113 Literature for Middle School Students _____                  RDG 3103 Emergent and Developing Literacy _____                  HIS 4263 Arkansas &amp; Southwest History _____                  MTH 1053 Number Sense &amp; Operations _____                  MTH 2483 Geometry I for Elem. &amp; Middle Grades _____                  MTH 2543 Data Analysis, Stat, and Probability _____                  PHS 1053 Earth Systems and Environment _____                  RDG 3203 Reading &amp; Writing in the Content Areas _____</p> <p><b>STEM Course for Mid-Level</b>                  EDM 4273 STEM: Collaborative Inquiry/Learning _____</p> <p><b>Practicum Courses</b>                  EDM 4213 Math Practicum in Mid Grds.** _____                  EDM 4223 Science Practicum in Mid Grds ** _____</p> <p><b>NOTE:</b> "C" or better required in all courses in major courses                  01/16/15</p>
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**Math/Science Middle Level Education**

Suggested Scheduling Guide (125 hours)

<p><b>Teacher Education Program Admission Requirements</b></p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Minimum GPA of 2.7</li> <li><input checked="" type="checkbox"/> At least C in Eng A &amp; B, Oral Co, Algebra</li> <li><input checked="" type="checkbox"/> Pass Entrance Interview</li> <li><input checked="" type="checkbox"/> Receive <b>Credit</b> for Teacher Education Orientation</li> <li><input checked="" type="checkbox"/> Pass all three Praxis Core Academic Skills for Educators (CORE) exams</li> </ul> <p style="margin-left: 40px;">Math        150                  Reading   156                  Writing    162</p> <p><b>Admission to Teacher Education Program is required for ALL 4000 level EDM/EDU/RDG courses.</b></p>	<p style="text-align: center;"><b>Praxis II Content Tests</b>  <a href="http://www.ets.org/praxis">www.ets.org/praxis</a></p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Candidates <b>should</b> take both <b>Praxis II-Specialty Tests</b> prior to methods courses; and specialty exams <b>MUST</b> be passed for entry into internship.</li> </ul> <p>For Math &amp; Language Arts Subject Area Tests go to:  <a href="https://www.ets.org/praxis/ar">https://www.ets.org/praxis/ar</a></p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Praxis II-PLT</b> must be passed prior to graduation.  <a href="https://www.ets.org/praxis/ar">https://www.ets.org/praxis/ar</a></li> </ul>
<p><b>ALWAYS check ETS website for up-to-date Arkansas requirements and exam information.</b></p>	

**FRESHMAN YEAR**

3	MTH 1053 Number Sense & Operations	3	ENG 1473 English B	3
3	ENG 1463 English A	3	PSC 1013 Am Nat'l Gov. or HIS 2053 or HIS 2063	3
3	COM 2013 Oral Communications	3	PHS 1053 Earth Systems and Environment	3
3	HIS 1013 Civilization to 1660 or HIS 1023	3	ART/MUS/THE 2033 Humanities Art/Theatre/Music	3
4	BIO 1013 Intro Bio+Lab 1021 or BIO 2104 or 2114	3	MTH1213 Algebra for Elem/Middle Grades	3
1	GEN 1031 Henderson Seminar	1	HPR Activity OR HPR 1011 Life Fitness Concepts	1
<b>17</b>	<b>Total Fall Hours</b>	<b>16</b>	<b>Total Spring Hours</b>	<b>16</b>

**SOPHOMORE YEAR**

0	EDU 2000 Teacher Education Orientation	3	GEO 1023 Int to Geo or GEO 2163 Wrld Geog	3
3	EDU 2423 Introduction to Education	3	MTH 2543 Data Analysis & Probability	3
3	EDU 2043 Educational Technology	3	EDM 3143 Middle Level Philosophy/Organization	3
4	CHM 1034 Chem for Non Majors	3	SPE 3013 Psychology of the Exceptional Child	3
3	MTH 2483 Geometry for Elem/Middle Grades	4	BIO 2114 Zoology or Other 4 hr BIO	4
3	ENG 2013, 2023, or 2683 World/Western Lit			
<b>16</b>	<b>Total Fall Hours</b>	<b>16</b>	<b>Total Spring Hours</b>	<b>16</b>

**JUNIOR YEAR**

3	RDG 3103 Emergent and Developing Literacy (WI)	4	PHY 2034 Gen Physics + Lab	4
3	EDM 3113 Lit for Middle School Students	3	HIS 4263 Arkansas & the Southwest	3
3	MTH 4563 Math Modeling & Appl/Mid Grds	3	ENG ___ Writing Elective	3
3	EDM 3153 Adolescent Development & Pract	3	MTH 3553 Foundations of Calculus/Mid Grds	3
3	MTH 3523 Discrete Math for Mid Grades	3	RDG 3203 Reading & Writing in the Content Area (WI)	3
<b>15</b>	<b>Total Fall Hours</b>	<b>16</b>	<b>Total Spring Hours</b>	<b>16</b>

**SENIOR YEAR**

2	EDU 4302 Assessmt & Ed. Measurement 4-8**	6	EDM 4296 4-8 Internship Content**	6
3	EDU 4433 Classroom Management 4-8**	6	EDM 4306 4-8 Internship Clinical**	6
3	EDU 4523 Teaching People of Other Cultures			
3	EDM 4213 Math Practcm in Mid Grades **			
3	EDM 4223 Science Practcm in Mid Grades **			
3	EDM 4273 STEM: Collaborative Inquiry Learning			
<b>17</b>	<b>Total Fall Hours</b>	<b>12</b>	<b>Total Spring Hours</b>	<b>12</b>

\*\* Admission to Teacher Education Program Required