



## ASE to BSE in Middle Level Education (4-8): MATH/SCIENCE



The curriculum is designed for students who plan to obtain an Associate of Science in Education (4-8 Grades) degree at National Park College (NPC) and transfer to Henderson State University (HSU) to complete a Bachelor of Science in Education degree.

### National Park College Associate of Science in Education

#### Required General Education/Liberal Arts Core Courses (40 credit hours)

##### English/Communication – 9 hours

_____	ENG	1113	English Composition I	3-hour course
_____	ENG	1123	English Composition II	3-hour course
_____	SPCH	1103	Fundamentals of Public Speaking	3-hour course

##### Math – 3 hours

_____	MATH	1123	College Algebra	3-hour course
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##### Lab Sciences – 12 hours

_____	ESCI	1104	Earth Science	4-hour course
_____	BIOL	1114	General Biology	4-hour course
_____	CHEM	1204	General Chemistry I	4-hour course

##### Fine Arts/Humanities – 6 hours

Section I – Choose one course:

_____	ART	1593	Art Appreciation	3-hour course
_____	MUS	1213	Music Appreciation	3-hour course
_____	TART	1153	Introduction to Theater	3-hour course

Section II – Choose one course:

_____	ENG	2273	World Literature I	3-hour course
_____	ENG	2283	World Literature II	3-hour course

##### Social Sciences – 9 hours

Section I – Choose one course:

_____	POLS	1113	American National Government	3-hour course
_____	ECON	2203	Macroeconomics	3-hour course
_____	GEOG	1103	Introduction to Geography	3-hour course

Section II – Choose one course:

_____	HIST	2223	U.S. History to 1865	3-hour course
_____	HIST	2233	U.S. History since 1865	3-hour course

Section III – Choose one course:

_____	HIST	2253	World Civilization to 1500	3-hour course
_____	HIST	2263	World Civilization since 1500	3-hour course

##### Physical Education – 1 hour Activity Course

_____	PE	XXXI		1-hour course
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#### Required Education Core Courses (15 credit hours)

##### Education Core – 15 hours

_____	EDUC	2243	Foundations of Education	3-hour course
_____	EDUC	2263	Introduction to K-12 Technology	3-hour course
_____	HIST	1143	Arkansas History	3-hour course
_____	MATH	2233	Math for Teachers I	3-hour course
_____	MATH	2243	Math for Teachers II	3-hour course

#### Licensure Courses for 4-8 Middle School Certification (7 credit hours)

##### Science Licensure Courses – For Sciences at 4-8 Grade Level

Choose one course:

_____	BIO	1154	Zoology	4-hour course
_____	BIO	1164	Botany for Majors	4-hour course

Complete the following course for Math Specialty Area:

_____	MATH	2273	Basic Concepts/Stats & Probability	3-hour course
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**Total NPC Credit Hours = 62**



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## Henderson State University\* Bachelor of Science in Education

### Liberal Arts Core Courses – 6 hours (Required of all HSU Graduates)

EDU	4543	Teaching People of Other Cultures	3 hours
ENG	3313	University Writing	3 hours

### Principles of Learning and Teaching (PLT) Core Courses – 20 hours

EDU	2000	Teacher Education Orientation	0 hours
SPE	3013	Psychology of the Exceptional Child	3 hours
EDU	4302	Assessment and Educational Measurement 4-8	2 hours
EDU	4433	Classroom Management 4-8	3 hours
EDM	4296	4-8 Internship Content	6 hours
EDM	4306	4-8 Internship Clinical	6 hours

### Middle Level 4-8 Curriculum – 18 hours

EDM	3143	Middle Level Philosophy/Organization	3 hours
RDG	3103	Emergent and Developing Literacy (W1)	3 hours
EDM	3153	Adolescent Development and Practicum	3 hours
EDM	3113	Literature for Middle School Students	3 hours
RDG	3203	Reading and Writing in the Content Areas	3 hours
EDM	4273	STEM: Collaborative Inquiry/Learning	3 hours

### Specialty Areas – 19 hours

#### Math Specialty Area – 9 hours

MTH	3633	Advanced Mathematics	3 hours
MTH	3553	Foundations of Calculus	3 hours
MTH	4563	Math Modeling & Appl/Mid Grades	3 hours

#### Science Specialty Area – 4 hours

PHY	2034	Gen Physics	4 hours
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#### Practicum Courses – 6 hours

EDM	4213	Math Practicum in Mid Grades	3 hours
EDM	4223	Science Practicum in Mid Grades	3 hours

**Total HSU Credit Hours = 63**  
**Total Credit Hours = 125**

### \*EPP/HSU Admissions Requirements

In order to be eligible for admission to the HSU Education Preparation Program (EPP), NPC students must:

- p Have a minimum GPA of 2.75
- p Have at least a C in English Composition I and II, Fundamentals of Public Speaking, and College Algebra
- p Pass Entrance Interview
- p Receive Credit for Teacher Education Orientation
- p Pass all three Praxis Core Academic Skills for Educators (CORE) exams

Check the following website for up-to-date test information: <https://www.ets.org/praxis/ar>