

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 1123 English Composition II 3-hour course SPCH 103 Fundamentals of Public Speaking 3-hour course	English/Commun	ication – 9	hours		
ENG 1123 English Composition II 3-hour course SPCH 103 Fundamentals of Public Speaking 3-hour course		ENIC	1113	English Composition I	3 have assume
Math - 3 hours					
Math - 3 hours					
MATH 1123 College Algebra 3-hour course		SPCH	1103	Fundamentals of Public Speaking	3-hour course
Each Sciences - 12 hours SCI 1104 Earth Science 4-hour course BIOL 1114 General Biology 4-hour course CHEM 1204 General Chemistry 4-hour course CHEM 1204 General Chemistry 4-hour course Fine Arts/Humanities - 6 hours Section Chose one course: ART 1573 Art Appreciation 3-hour course ART 1573 Phasic Appreciation 3-hour course TART 153 Phasic Appreciation 3-hour course TART 153 Phasic Appreciation 3-hour course TART 153 Phasic Appreciation 3-hour course TART 154 Phasic Appreciation 3-hour course TART 155 Phasic Appreciation 3-hour course TART 155 Phasic Appreciation 3-hour course TART 157 Phasic Appreciation 3-hour course TART 158 Phasic Appreciation 3-hour course TART 159 Phasic Appreciation 3-hour course TART 150 Phasic Appreciation 150 TART 150 Phasic Appreciation 3-hour course TART 150 Phasic Appreciation 150	Math - 3 hours				
Each Sciences - 12 hours SCI 1104 Earth Science 4-hour course BIOL 1114 General Biology 4-hour course CHEM 1204 General Chemistry 4-hour course CHEM 1204 General Chemistry 4-hour course Fine Arts/Humanities - 6 hours Section Chose one course: ART 1573 Art Appreciation 3-hour course ART 1573 Phasic Appreciation 3-hour course TART 153 Phasic Appreciation 3-hour course TART 153 Phasic Appreciation 3-hour course TART 153 Phasic Appreciation 3-hour course TART 154 Phasic Appreciation 3-hour course TART 155 Phasic Appreciation 3-hour course TART 155 Phasic Appreciation 3-hour course TART 157 Phasic Appreciation 3-hour course TART 158 Phasic Appreciation 3-hour course TART 159 Phasic Appreciation 3-hour course TART 150 Phasic Appreciation 150 TART 150 Phasic Appreciation 3-hour course TART 150 Phasic Appreciation 150		маты	1122	College Algebra	2 hour course
ESCI 1104 Earth Science 4-hour course		ПАП	1123	College Algebra	3-flour 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 ENG 2273 World Literature I 3-hour course ENG 2273 World Literature II 3-hour course ENG 2273 World Literature II 3-hour course Section II - 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 INST 2223 U.S. History to 1865 3-hour course HIST 223 U.S. History to 1865 3-hour course HIST 223 U.S. History to 1865 3-hour course HIST 223 World Civilization to 1500 3-hour course HIST 225 World Civilization since 1500 3-hour course World Civilization since 1500 3-hour course Physical Education — I hour Activity Course PE XXXI Vorld Civilization on Section II - Choose one course: HIST 225 World Civilization to 1500 3-hour course HIST 226 Introduction on Section III - Choose one course: HIST 226 Introduction on Section III - Choose one course: HIST 226 Introduction to K-12 Technology 3-hour course HIST 226 Introduction to K-12 Technology 3-hour course HIST 1143 Artansa History 3-hour course HIST 1143 Artansa History 3-hour course MATH 2243 Math for Teachers II 3-hour course M	Lab Sciences - 12	2 hours			
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 ENG 2273 World Literature I 3-hour course ENG 2273 World Literature II 3-hour course ENG 2273 World Literature II 3-hour course Section II - 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 INST 2223 U.S. History to 1865 3-hour course HIST 223 U.S. History to 1865 3-hour course HIST 223 U.S. History to 1865 3-hour course HIST 223 World Civilization to 1500 3-hour course HIST 225 World Civilization since 1500 3-hour course World Civilization since 1500 3-hour course Physical Education — I hour Activity Course PE XXXI Vorld Civilization on Section II - Choose one course: HIST 225 World Civilization to 1500 3-hour course HIST 226 Introduction on Section III - Choose one course: HIST 226 Introduction on Section III - Choose one course: HIST 226 Introduction to K-12 Technology 3-hour course HIST 226 Introduction to K-12 Technology 3-hour course HIST 1143 Artansa History 3-hour course HIST 1143 Artansa History 3-hour course MATH 2243 Math for Teachers II 3-hour course M		FSCI	1104	Farth Science	4-hour course
CHEM 1204 General Chemistry 4- hour course					
Fine Arts/Humanities - 6 hours				5 ,	
Section I - Choose one course: ART 1593 Art Appreciation 3-hour course MUS 1213 Music Appreciation 3-hour course TART 1153 Section II - Choose one course: ENG 2273 ENG 2283 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 HIST 2223 HIST 2223 HIST 2223 HIST 2233 U.S. History to 1865 3-hour course HIST 2253 World Civilization to 1500 3-hour course HIST 2253 World Civilization since 1500 3-hour course HIST 2253 World Civilization since 1500 3-hour course HIST 2263 Foundations Geography Required Education Core Courses (15 credit hours) Education Core - 15 hours Required Education Core Courses (15 credit hours) Education Core - 15 hours EDUC 2243 Foundations of Education 3-hour course HIST 1143 Arkansa History 3-hour course HIST 1143 Arkansa History 3-hour course MATH 2233 Math for Teachers II 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 Adath Specialty Area: MODE 1154 BIO 1154 BIO 1154 BIO 1154 Basic Concepts/Stats & Probability 3-hour course And H 2273 Basic Concepts/Stats & Probability 3-hour course				General Chemistry I	4- Hour Course
ART 1593	Fine Arts/Human	nities – 6 h	ours		
ART 1593	Section I	– Choose on	ne 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 Section II - Choose one course: ENG 2283 World Literature II 3-hour course Section II - Choose one course: Section II - Choose one course:	Section			Art Appreciation	3-hour course
TART 1153 Introduction to Theater 3-hour course					
Section Choose one course:					
ENG 2273 World Literature I 3-hour course Social Sciences - 9 hours	Castian			introduction to Theater	3-Hour course
ENG 2283 World Literature 3-hour course	Section II			NAZ 1115	2.1
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 HIST 2233 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 2253 World Civilization to 1500 3-hour course HIST 2263 World Civilization since 1500 3-hour course Physical Education - 1 hour Activity Course Required Education Core Courses (15 credit hours) Education Core - 15 hours Required Education Core Courses (15 credit hours) Education Core - 15 hours ### April 143 Arkansa History 3-hour course HIST 143 Arkansa 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 1164 Botany for Majors 4-hour course MATH 2273 Basic Concepts/Stats & Probability 3-hour course MATH 2273 Basic Concepts/Stats & Probability 3-hour course #### Abour course MATH 2273 Basic Concepts/Stats & Probability 3-hour course ##### Abour course ####################################					
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POLS 1113 American National Government 3-hour course GEOG 1103 Introduction to Geography 3-hour course 3-hour course GEOG 1103 Introduction to Geography 3-hour course 3-hour cour	Social Sciences -	9 hours			
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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 PE XXXI I-I-hour course Required Education Core Courses (15 credit hours) Education Core - 15 hours EDUC 2243 Foundations of Education 5-hour course 1-hour					
Section - Choose one course:					
HIST 2223 U.S. History to 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 HIST 2263 World Civilization since 1500 3-hour course World Civilization since 1500 3-hour course PHysical Education - I hour Activity Course Required Education Core Courses (15 credit hours) Education Core - 15 hours EDUC 2243 Foundations of Education 3-hour course HIST 1143 Arkansas History 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 MATH 2243 Math for Teachers II 3-hour course MATH 2243 Math for Teachers II 3-hour course Math for Teachers II 3-hour course Math Course Courses For Sciences at 4-8 Grade Level Choose one course: BIO 1154 Zoology 4-hour course MATH 2273 Basic Concepts/Stats & Probability 3-hour course Complete the following course for Math Specialty Area: MATH 2273 Basic Concepts/Stats & Probability 3-hour course		GEOG	1103	Introduction to Geography	3-hour course
HIST 2233 World Civilization to 1500 3-hour course	Section I	 Choose or 	ne course:		
Section III - Choose one course:		HIST	2223	U.S. History to 1865	3-hour course
HIST 2253 World Civilization to 1500 3-hour course HIST 2263 World Civilization since 1500 3-hour course Physical Education – I hour Activity Course 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 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		HIST	2233	U.S. History since 1865	3-hour course
HIST 2263 World Civilization since 1500 3-hour course	Section I	I – Choose o	one course:	,	
HIST 2263 World Civilization since 1500 3-hour course				World Civilization to 1500	3-hour course
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Required Education Core Courses (15 credit hours) Education Core - 15 hours					
Required Education Core Courses (15 credit hours) Education Core - 15 hours	Physical Education	on – I houi	r Activity Course		
Education Core - 15 hours Foundations of Education 3-hour course 5-hour course 5-hou		PE	XXXI		I-hour course
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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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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					
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					
Science Licensure Courses – For Sciences at 4-8 Grade Level Choose one course:		MATH	2243	Math for Teachers II	3-hour course
Science Licensure Courses – For Sciences at 4-8 Grade Level Choose one course:			Liconsura Courses for	4 8 Middle School Cartification (7 cree	dit hours)
Choose one course: BIO			Licensure Courses for	4-6 Middle School Certification (7 cred	iit iiours)
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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	Choose t		1154	Zoology	4-hour course
Complete the following course for Math Specialty Area: MATH 2273 Basic Concepts/Stats & Probability 3-hour course					
MATH 2273 Basic Concepts/Stats & Probability 3-hour course				Dotaily for Flagors	i-noul Course
MATH 2273 Basic Concepts/Stats & Probability 3-hour course	Complete	the followin	ng course for Math Specialty Area:		
Total NPC Credit Hours = 62				Basic Concepts/Stats & Probability	3-hour course
					Total NPC Credit Hours = 62

Version: 2017-18 Revised: 6.30.17



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



Henderson State University* Bachelor of Science in Education

EDU	4543	Teaching People of Other Cultures	3 hours	
ENG	3313	University Writing	3 hours	
ples of Lea	rning and Tead	ching (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	
e Level 4-8	Curriculum –	18 hours		
EDM	3143	Middle Level Philosophy/Organization	3 hours	
RDG	3103	Emergent and Developing Literacy (WI)	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	

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:

- b Have a minimum GPA of 2.75
- b Have at least a C in English Composition I and II, Fundamentals of Public Speaking, and College Algebra
- b Pass Entrance Interview
- b Receive Credit for Teacher Education Orientation
- 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

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