



## 2 + 2 B.S. Degree in Secondary Mathematics Education

### Freshman and Sophomore Year Requirements (Hinds Community College)

#### 6 Hr English Composition

Hinds Courses	Equivalent Course @ MSU
ENG 1113 English Composition I	EN 1103 English Composition I
ENG 1123 English Composition II	EN 1113 English Composition II

#### 3 Hr Biology (select one)

Hinds Courses	Equivalent Course @ MSU
BIO 1133 General Biology I BIO 1131 General Biology Lab I	Students who complete the sequence receive credit for 2 lab sciences on MSU Core ( <i>with this choice, only 3 additional hours of Physical Science is required</i> )
BIO 1143 General Biology II BIO 1141 General Biology II Lab	
BIO 1313 Botany I BIO 1311 Botany I Lab	
BIO 2513 Anatomy & Physiology I and BIO 2511 Anatomy & Physiology Lab I	BIO 1203 Plant Biology
	BIO 1004 Anatomy & Physiology

#### 6 Hr Physical Science (select two)

Hinds Courses	Equivalent Course @ MSU
PHY 2313 Physics w/Calc I + Lab	PH 2213 Physics I
PHY 2323 Physics w/ Cal II + Lab	PH 2233 Physics III <i>or higher</i>
PHY 2333 Physics w/Cal III	PH 2223 Physics II
PHY 2414 General Physics I	PH 1113 General Physics
CHE 1213 General Chemistry I	CH 1213 Chemistry I
CHE 1211 General Chemistry Lab I	CH 1211 Investigations in Chemistry I
CHE 1223 General Chemistry II	CH 1223 Chemistry II
CHE 1221 General Chemistry Lab II	CH 1221 Investigations in Chemistry II

#### 9 Hr Social/Behavioral Sciences

Hinds Courses	Equivalent Course @ MSU
PSY 1513 General Psychology I	PSY 1013 General Psychology
SOC 2113 Introduction to Sociology	SO 1003 Introduction to Sociology
PSC 1113 American National Government	PS 1113 American Government

**3 Hr Fine Arts** (select one)

Hinds Courses	Equivalent Course @ MSU
ART 1113 Art Appreciation	ART 1113 Art Appreciation
ART 2713 Art History I	ART 1013 Art History I
ART 2723 Art History II	ART 1023 Art History II
SPT 1213 Fundamentals of Theatre	CO 1503 Introduction to Theatre
MUS 1113 Music Appreciation	MU 1113 History & Appreciation of Music

**12 Hr Humanities** (select two literature and two history courses in sequence)

Hinds Courses	Equivalent Course @ MSU
HIS 2213 American (US) History I	HI 1063 Early US History
HIS 2223 American (US) History II	HI 1073 Modern US History
<i>or two other core histories in sequence</i>	
ENG 2223 American Literature I	EN 2243 American Literature I
ENG 2233 American Literature II	EN 2253 American Literature II
ENG 2323 English Literature I	EN 2213 English Literature I
ENG 2333 English Literature II	EN 2223 English Literature II
ENG 2423 World Literature I	EN 2273 World Literature I
ENG 2433 World Literature II	EN 2283 World Literature II

**3 Hr Oral Communications**

Hinds Courses	Equivalent Course @ MSU
SPT 1113 Oral Communication	CO 1003 Fundamentals of Public Speaking

**3 Hr Computer Literacy** (select one)

Hinds Courses	Equivalent Course @ MSU
CSC 1113 Comp Program / FORTRAN	CSE 1213 Comp Prog / FORTRAN
CSC 2133 Adv Comp Prog / C	CSE 1233 Comp Prog / C

**12 Hr Content/ General Education Core** (select four)

Hinds Courses	Equivalent Course @ MSU
MAT 1613 Calculus I	MA 1713 Calculus I
MAT 1623 Calculus II	MA 1723 Calculus II
MAT 2613 Calculus III	MA 2733 Calculus III
MAT 2623 Calculus IV	MA 2743 Calculus IV
MAT 2113 Introduction to Linear Algebra	MA 3113 Introduction to Linear Algebra

**3 Hr Education**

Hinds Courses	Equivalent Course @ MSU
EDU 1613 Foundations in Education	EDF 3333 Social Foundations of Education

---

**60 Total hours to transfer to Mississippi State University**

Junior and Senior Year Requirements (Mississippi State University)

**24 Hr Core Content**

MA 3253 Differential Equations I  
MA 3053 Foundations of Math  
MA/ST 3123 Introduction to Statistical Inference  
MA 3163 Modern Algebra  
MA 3463 Foundations of Geometry  
MA 3513 History of Math  
MA 4523 Introduction to Probability  
Math Elective (Choose either MA 1713, MA 1723, MA 2733, MA 2743, or MA 3113, which was not selected as a general education core course)

**40 Hr Professional Education**

EDF 3413 Writing for Thinking  
EDS 3411 Practicum in Secondary Education  
EDX 3213 Psychology and Education of Exceptional Child & Youth  
RDG 3513 Developing Reading Strategies  
EPY 3143 Human Development/Learning  
EDF 4243 Planning for the Diversity of Learners  
EPY 3253 Evaluating Learning  
EDS 3633 Secondary Mathematics Education  
EDS 4633 Methods of Teaching Mathematics  
EDS 4873 Sem in Managing Sec Class  
EDS 4886/4896 Teaching Internship in Sec Ed

\_\_\_\_\_

**64 Total hours completed at MSU**

**60 Total hours transferred to Mississippi State University from Hinds Community College**

**64 Total hours completed at Mississippi State University**

**124 Total hours required for Bachelor of Science degree in Secondary Mathematics Education**

*\*Students must take at least half of their degree program at Mississippi State University.*

Use the following to certify that a student is agreeing to participate in the 2 + 2 Program.

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Hinds Academic Advisor/Coordinator

\_\_\_\_\_  
Date