

Name \_\_\_\_\_

Student Number \_\_\_\_\_

Associate in Science degree

**Students must print and retain the articulation guide for Mathematics along with the transfer institution's Area V courses once determining Mathematics to be their major.** This guide and the Area V course listing must be submitted to the senior institution upon transfer. Failure to do so may result in the program not being transferable. This program does not transfer to all senior public institutions in Alabama. It is the student's responsibility to become familiar with the requirements of the intended transfer senior institution. Refer to the articulation guide for this major for a listing of senior institutions with this major at jeffstateonline.com.

\*A minimum of 60 hours and a minimum GPA of 2.00 is required for a degree from Jefferson State.

\*A minimum of 16 hours in this program must be completed at Jefferson State to satisfy the residency requirement.

**Courses for Areas II-IV must be selected from the AGSC General Course Listing found on the back of this checksheet.**

**Degree Requirements**

**Area I: Written Communication**

6

ENG 101 \_\_\_\_\_  
 ENG 102 \_\_\_\_\_

+Refer to AGSC transfer guide for specific course options.

**Area II: Humanities and Fine Arts**

12

\*Literature \_\_\_\_\_ 3  
 Arts (A) \_\_\_\_\_ 3  
 Complete SPH 106 or SPH 107 \_\_\_\_\_ 3

+Additional Humanities and Fine Arts \_\_\_\_\_ 3

**Area V: Pre-Professional, Major and Elective Courses**

19-25

MTH 125S \_\_\_\_\_ 4  
 MTH 126S \_\_\_\_\_ 4  
 MTH 227 \_\_\_\_\_ 4  
 Complete one of the following:  
 \*\*MTH 113 \_\_\_\_\_ 3  
 \*\*MTH 115S \_\_\_\_\_ 4  
 \*\*\*Additional Hours \_\_\_\_\_ 4-8

**Area III: Natural Sciences and Mathematics**

11

\*\*MTH 112 \_\_\_\_\_ 3  
 +Natural Sciences \_\_\_\_\_ 8

**Note: Students must demonstrate competency in the basic use of the computer as a requirement for graduation. Courses with the computer designation are identified in the "Course Descriptions" section of the *Catalog and Student Handbook* and will satisfy this requirement.**

If you take BIO 103, you cannot take BIO 101. If you take BIO 104, you cannot take BIO 102. If you take CHM 111, you cannot take CHM 104. If you take CHM 112, you cannot take CHM 105. If you take PHY 213, you cannot take PHY 201. If you take PHY 214, you cannot take PHY 202.

\*\*MTH 113 or MTH 115S are prerequisites for Calculus. Students should understand that this prerequisite is required, but may not count as hours in the major at some of the receiving institutions. Students are encouraged to take one of these courses in AREA III.

**Area IV: History, Social, and Behavioral Sciences**

12

\*History \_\_\_\_\_ 3  
 +Additional History, Social, and Behavioral Sciences \_\_\_\_\_ 9

\*\*\*Additional hours in Area V must be fulfilled by the requirements of the institution to which the student plans to transfer. Please refer to the institutional home page or catalog for a major in Mathematics.

I understand that I may not graduate under these requirements after summer term 2012.

(6 hours maximum of history)

\_\_\_\_\_  
 Student's signature

\_\_\_\_\_  
 Date

\*As a part of the General Studies Curriculum, students must complete a six-semester hour sequence either in literature or in history.

\_\_\_\_\_  
 Advisor's signature

\_\_\_\_\_  
 Date

## AGSC General Course Listing

<b>Area II: Humanities and Fine Arts</b>	<b>12</b>		<b>8</b>
Literature	3	Natural Sciences	
ENG 251 American Literature I		AST 220 Introduction to Astronomy	
ENG 252 American Literature II		BIO 101 Introduction to Biology	
ENG 261 English Literature I		BIO 102 Introduction to Biology II	
ENG 262 English Literature II		BIO 103 Principles of Biology I	
ENG 271 World Literature I		BIO 104 Principles of Biology II	
ENG 272 World Literature II		CHM 104 Intro to Inorganic Chemistry	
Arts	3	CHM 105 Intro to Organic Chemistry	
ART 100 Art Appreciation (A)		CHM 111 College Chemistry I	
ART 203 Art History I (A)		CHM 112 College Chemistry II	
ART 204 Art History II (A)		IDH 107 Disc: Questions, Hypotheses/Exp	
MUS 101 Music Appreciation (A)		IDH 109 Cont. Prob. In Science & Tech	
THR 120 Theatre Appreciation (A)		PHS 111 Physical Science I	
THR 126 Introduction to Theatre (A)		PHS 112 Physical Science II	
Additional Humanities and Fine Arts	6	PHY 201 General Physics I	
PHL 106 Introduction to Philosophy		PHY 202 General Physics II	
PHL 206 Ethics and Society		PHY 213 General Physics w/Calculus I	
REL 151 Survey of the Old Testament		PHY 214 General Physics w/Calculus II	
REL 152 Survey of the New Testament		<b>Area IV: History, Social, and Behavioral</b>	
SPH 106 Fund. of Speech Communication		<b>Sciences</b>	<b>12</b>
SPH 107 Fund. of Public Speaking		History	3
SPH 116 Introduction to Interpersonal Communication		HIS 101 History of Western Civilization I	
SPA 101 Introductory Spanish I		HIS 102 History of Western Civilization II	
SPA 102 Introductory Spanish II		HIS 201 United States History I	
SPA 201 Intermediate Spanish I		HIS 202 United States History II	
SPA 202 Intermediate Spanish II		Additional History, Social, and Behavioral Sciences	9
<b>Area III: Natural Sciences and Mathematics</b>	<b>11</b>	ANT 200 Introduction to Anthropology	
Mathematics	3	ANT 210 Physical Anthropology	
MTH 110 Finite Mathematics		ANT 220 Cultural Anthropology	
MTH 112 Precalculus Algebra		ANT226 Culture and Personality	
MTH 113 Precalculus Trigonometry		ANT 230 Introduction to Archaeology	
MTH 115 Precalculus Algebra & Trig		ECO 231 Macroeconomics	
MTH 120 Calculus and Its Applications		ECO 232 Microeconomics	
MTH 125 Calculus I		GEO 100 World Regional Geography	
MTH 126 Calculus II		POL 211 American National Government	
MTH 227 Calculus III		PSY 200 General Psychology	
MTH 237 Linear Algebra		PSY 210 Human Growth and Development	
MTH 238 Applied Differential Equations I		SOC 200 Introduction to Sociology	
		SOC 210 Social Problems	