

**APPENDIX C-1**

**REQUIREMENTS FOR ADMISSION TO  
INSTITUTIONS OF HIGHER LEARNING (IHL) PUBLIC UNIVERSITIES IN MISSISSIPPI**

<b>CURRICULUM AREA</b>	<b>COURSES</b>	<b>UNITS</b>
ENGLISH		4 <sup>1</sup>
MATHEMATICS <sup>2</sup>	Algebra I <sup>3&amp;8</sup> Geometry Algebra II	3
SCIENCE	SELECT THREE (3) UNITS FROM THE FOLLOWING LIST: Physical Science <sup>4</sup> Biology Advanced Biology Chemistry Advanced Chemistry Physics Advanced Physics Or any other science course with comparable content and rigor as approved by MDE	3 (2 lab-based)
SOCIAL STUDIES	U.S. History World History U.S. Government (½) Economics (½) <i>or</i> Geography (½)	3
COMPUTER EDUCATION	Technology Foundations or Information and Communication Technology (ICT) II Science, Technology, Engineering, and Mathematics (STEM) Computer Applications <sup>5</sup>	½
ADVANCED ELECTIVES	SELECT TWO (2) UNITS <sup>6</sup> FROM THE FOLLOWING LIST:  Foreign Language <sup>3</sup> World Geography 4 <sup>th</sup> year lab-based Science 4 <sup>th</sup> year Mathematics	2
TOTAL UNITS REQUIRED		15½ <sup>7</sup>

<sup>1</sup> Courses must require substantial communication skills. Compensatory English, Compensatory Reading, and Compensatory Writing may not be included.

<sup>2</sup> A fourth class in higher-level mathematics is highly recommended.

<sup>3</sup> Pre-high school units: Algebra I or first-year Foreign Language taken prior to high school will be accepted for admission, provided course content is the same as the high school course.

<sup>4</sup> One (1) Carnegie unit from a Physical Science course with content at a level that may serve as an introduction to Physics and Chemistry may be used.

<sup>5</sup> This course should include use of application packages such as word processing and spreadsheets. The course should also include basic computer terminology and hardware operation.

<sup>6</sup> One (1) of the two (2) units must be in Foreign Language or World Geography.

<sup>7</sup> Limited exceptions to high school unit requirements may be available. For more information contact the Office of Admissions. Admission requirements are subject to change without notice at the direction of the Board of Trustees of the Mississippi Institutions of Higher Learning.

<sup>8</sup> A secondary math equivalency chart is provided below.

**Equivalency Curriculum Chart for Secondary Mathematics**

<b>Traditional Model</b>	<b>Integrated Model</b>	<b>Cambridge</b>	<b>Quality Core ACT</b>
<b>Algebra I</b>	<b>Integrated Mathematics I</b>	<b>Cambridge IGCSE Mathematics I or Cambridge Mathematics I Extended Sequence</b>	<b>ACT Quality Core Algebra I</b>
<b>Geometry</b>	<b>Integrated Math II</b>	<b>Cambridge IGCSE Mathematics I or Cambridge Mathematics I Extended Sequence</b>	<b>ACT Quality Core Geometry</b>
<b>Algebra II</b>	<b>Integrated Math III</b>	<b>Cambridge IGCSE Mathematics II or Cambridge Mathematics II Extended Sequence</b>	<b>ACT Quality Core Algebra II</b>

APPENDIX C-2

COLLEGE PREPARATORY RECOMMENDED CURRICULUM FOR ADMISSION  
TO INSTITUTIONS OF HIGHER LEARNING (IHL)  
PUBLIC UNIVERSITIES IN MISSISSIPPI

CURRICULUM AREA	COURSES	UNITS
ENGLISH		4 <sup>1</sup>
MATHEMATICS	Algebra I <sup>2&amp;5</sup> , Geometry, Algebra II, and any one (1) Carnegie unit of comparable rigor and content (e.g., Advanced Algebra, Trigonometry, Pre-Calculus, Calculus, AP Calculus AB, AP Calculus BC, Discrete Mathematics, Probability and Statistics, or AP Statistics)	4
SCIENCE	Biology I, Chemistry I, and any two (2) Carnegie units of comparable content and rigor as approved by MDE (e.g., Physics, Physical Science, Biology II, Chemistry II, AP Chemistry, Physics II, AP Physics B, AP Physics C – Electricity and Magnetism, AP Physics C – Mechanics, Botany, Microbiology, or Human Anatomy and Physiology)	4
SOCIAL STUDIES	World History, U.S. History, Introduction to World Geography, U.S. Government, Economics, and/or Mississippi Studies <sup>2</sup> (Credit earned for a state/local government course in any other state may stand in lieu of Mississippi Studies.)	4
ARTS	Any visual and/or performing arts course(s), meeting the requirements for high school graduation.	1
ADVANCED ELECTIVES	Foreign Language I <sup>2</sup> and II, Advanced World Geography and a Foreign Language I or any combination of English, mathematics, or lab-based science courses of comparable rigor and content to those required above.	2
COMPUTER APPLICATIONS	Technology Foundations or Information and Communication Technology (ICT) II Science, Technology, Engineering, and Mathematics (STEM) Computer Applications <sup>3</sup>	½
<b>TOTAL UNITS REQUIRED</b>		<b>19½<sup>4</sup></b>

<sup>1</sup> Courses must require substantial communication skills. Compensatory English, Compensatory Reading, and Compensatory Writing may not be included.

<sup>2</sup> Pre-high school units: Algebra I, first-year Foreign Language, or Mississippi Studies taken prior to high school will be accepted for admission provided the course content is the same as the high school course.

<sup>3</sup> Course should emphasize the computer as a productivity tool. Instruction should include the use of application packages, such as word processing and spreadsheets. The course should also include basic computer terminology and hardware operation.

<sup>4</sup> Limited exceptions to high school unit requirements may be available. For more information, contact the Office of Admissions. Admission requirements are subject to change without notice at the direction of the Board of Trustees of the Mississippi Institutions of Higher Learning.

<sup>5</sup> A secondary math equivalency chart is provided below.

**Equivalency Curriculum Chart for Secondary Mathematics**

<b>Traditional Model</b>	<b>Integrated Model</b>	<b>Cambridge</b>	<b>Quality Core ACT</b>
<b>Algebra I</b>	<b>Integrated Mathematics I</b>	<b>Cambridge IGCSE Mathematics I or Cambridge 9<sup>th</sup> Core Mathematics Extended Sequence</b>	<b>ACT Quality Core Algebra I</b>
<b>Geometry</b>	<b>Integrated Math II</b>	<b>Cambridge IGCSE Mathematics I or Cambridge Mathematics I Extended Sequence</b>	<b>ACT Quality Core Geometry</b>
<b>Algebra II</b>	<b>Integrated Math III</b>	<b>Cambridge IGCSE Mathematics II or Cambridge Mathematics II Extended Sequence</b>	<b>ACT Quality Core Algebra II</b>