

PATHWAYS

ACADEMIC EDUCATION

Holmes Community College offers academic courses that are representative of those required for the most frequently chosen programs of study. Students need to make informed decisions about their education when choosing an **Academic Pathway**.

Students can obtain additional information about **Academic Pathways** in the “Academic or Career Technical Pathway” located on the Academics/Career Technical page in MyHolmes portal. Also in this section students can use “Mississippi Articulation & Transfer Tool” (MATT), a tool that shows which courses will transfer from Holmes for each academic program of study taught at Mississippi’s eight public universities.

The following Academic Pathways for Holmes Community College will help students:

- Plan to transfer to a four-year university
- Know the area(s) of study they want to pursue
- Choose a college major when undecided

Academic Pathways:

- Arts/Humanities/Language
- Business
- Education
- General College Studies
- Health Sciences
- Kinesiology
- Public Safety/Social & Behavioral Science
- STEM (Science, Technology, Engineering, & Mathematics)

ACADEMIC PATHWAYS

Arts/Humanities/Language Pathway	Art/Music Pathway
	Architecture
	Art
	Entertainment Industry Studies
	Music
	Humanities Pathway
	History
	Philosophy or Religious Studies
	Language Pathway
	Communications/Journalism/Mass Communications
	English
	Liberal Arts
	Spanish
Business Pathway	Accounting
	Agribusiness
	Business Administration
	Economics
	Finance
	Management
	Marketing
Education Pathway	Elementary/Special/Early Childhood Education
	Secondary Education Pathway
	Biology/Science
	Chemistry/Physical Science
	English
	Mathematics
	Music
	Physical Education/Kinesiology
	Physics
	Social Studies
General College Pathway	General College Studies

Academic Pathways

Health Sciences Pathway	Biological Science
	Pre-Allied Health
	Dentistry Pathway
	Pre-Dental
	Pre-Dental Hygiene
	Health-Related Pathway
	Health Informatics & Information Management
	Health Sciences
	Pre-Medical Laboratory Science
	Pre-Occupational Therapy
	Pre-Physical Therapy
	Pre-Physician Associate/Assistant Studies
	Pre-Radiologic Sciences
	Pre-Speech Pathology/ Communicative Sciences
	Medicine Pathway
	Pre-Medical
	Pre-Nursing
	Pharmacy Pathway
	Pre-Pharmacy
	Veterinary Pathway
Pre-Veterinary	
Pre-Veterinary Medical Technology	
Kinesiology Pathway	Exercise Science/Kinesiology
	Sport Management/Administration
	Sports Medicine

Academic Pathways

<p>Public Safety/Social & Behavioral Science Pathway</p>	<p>Public Safety Pathway</p>
	<p>Criminal Justice</p>
	<p>Forensic Science</p>
	<p>Law/Legal Studies</p>
	<p>Social & Behavioral Science Pathway</p>
	<p>Psychology</p>
<p>STEM Science, Technology, Engineering, & Mathematics Pathway</p>	<p>Engineering Pathway</p>
	<p>Chemical/Biological/Petroleum</p>
	<p>Civil/Mechanical/Aerospace</p>
	<p>Electrical/Computer/Software</p>
	<p>Science, Technology, & Mathematics Pathway</p>
	<p>Agricultural Sciences</p>
	<p>Agronomy</p>
	<p>Chemistry</p>
	<p>Computer Science</p>
	<p>Forestry</p>
	<p>Mathematics</p>
	<p>Wildlife, Fisheries, & Aquaculture</p>

Academic Pathways
Arts/Humanities/Language Pathway

For the students who desire to ponder the world around them, the **Arts/Humanities/Language** pathway offers several options to foster creative expression of ideas and strengthen critical/analytical thinking skills. Within this pathway, students will also develop a personal sense of empathy, a crucial skill needed to successfully serve others in the workforce and community. Regardless of which pathway a student follows, there is a diverse array of career opportunities available to satisfy different interests and foster talents.

In the Art/Music pathway, a student chooses a focus in one of the following areas: Visual Arts, Music, or Entertainment Industries where he/she would foster creativity. A Visual Arts emphasis could lead to careers in animation, illustration, art education, studio art, digital art, art director/curator, and design. An emphasis in Music would enable a student to pursue a career in music education and performance for instrumentals and/or voice. Studying Entertainment Industries often advances to careers in audio/visual technology, audio engineering, recording production, songwriting, music business management and performance.

Students pursuing further study in the Humanities pathway would choose an emphasis in either History or Political Science to broaden their viewpoints of different cultures, civilizations, and political systems from their foundations to today. Suitable careers for students who pursue the Humanities pathway include history/government teaching, law, research, anthropology, geography, archiving, library work, and politics.

A focus on the Language pathway, whether through literary study; foreign language fluency; or public communication, can establish a solid background for students preparing to go into careers such as language teaching, sales, marketing, public relations, editing, publishing, news reporting, mass communication, communicative disorders, linguistics, and translating. Similar to the Humanities pathway, a Language pathway can also lead to careers in law, research, library work, and politics.

Academic Pathways

Arts/Humanities/Language Pathway
Art/Music Pathway
Architecture
Art
Entertainment Industry Studies
Music
Humanities Pathway
History
Philosophy or Religious Studies
Language Pathway
Communications/Journalism/Mass Communications
English
Liberal Arts
Spanish

Academic Pathways
Arts/Humanities/Language Pathway
Art/Music Pathway
Architecture

First Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
Drawing I	ART 1313	Drawing II	ART 1323
Art History I	ART 2713	Art History II	ART 2723
General Physics I	PHY 2414	General Physics II	PHY 2424
Trigonometry	MAT 1323	*Social/Behavioral Science	3
Total	16 hrs.	Total	16 hrs.

Second Year

First Semester		Second Semester	
Painting I	ART 2513	Painting II	ART 2523
Design I	ART 1433	Design II	ART 1443
3-D Design	ART 1453	Public Speaking I	SPT/COM1113
*History Elective	3	*History Elective	3
Business Calculus I	MAT 1513	*Social/Behavioral Science	3
OR Calculus I	MAT 1613		
Total	15 hrs.	Total	15 hrs.

*Consult with your chosen transfer university/college to determine changes to this curriculum.

Students who plan to attend Mississippi State University to complete the Bachelor of Science in Architecture will need to be in direct communication with the School of Architecture's Admissions Advisor to discuss coursework listed above.

Some courses are listed to fulfill the requirements for graduating with an Associate of Arts degree.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Arts/Humanities/Language Pathway
Art/Music Pathway
Art

First Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
Drawing I	ART 1313	Drawing II	ART 1323
Art History I	ART 2713	Art History II	ART 2723
College Algebra	MAT 1313	Public Speaking I	SPT/COM 1113
Natural Science w/Lab	4	Natural Science w/Lab	4
Total	16 hrs.	Total	16 hrs.

Second Year

First Semester		Second Semester	
Painting I	ART 2513	Painting II	ART 2523
Design I	ART 1433	Design II	ART 1443
3-D Design	ART 1453	Literature Elective	3
*History Elective	3	*History Elective	3
*Social/Behavioral Science	3	*Social/Behavioral Science	3
Total	15 hrs.	Total	15 hrs.

*Consult with your chosen transfer university/college to determine changes to this curriculum.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Arts/Humanities/Language Pathway
Art/Music Pathway
Entertainment Industry Studies

First Year

First Semester	Second Semester
English Composition I ENG 1113	English Composition II ENG 1123
College Algebra MAT 1313	General Psychology PSY 1513
Basic Comp Skills/Music MUS 1413	Princ of Accounting I ACC 2213
Fundamentals of Music MUS 1133	Computer Recording I MUS 2413
Class Piano I MUA 1511	Class Piano II MUA 1521
Social/Behavioral Science 3	Natural Science w/Lab 4
Total 16 hrs.	Total 17 hrs.

Second Year

First Semester	Second Semester
Computer Recording II MUS 2423	Public Speaking I SPT/COM 1113
Legal Environ/Business BAD 2413	Music Survey MUS 2123
American History I HIS 2213	American History II HIS 2223
Audio Engineering I MUS 2443	Audio Engineering II MUS 2453
Natural Science w/Lab 4	Literature Elective 3
Total 16 hrs.	Total 15 hrs.

Consult with your chosen transfer university/college to determine changes to this curriculum.

Participation in an Ensemble each semester is strongly encouraged.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Arts/Humanities/Language Pathway
Art/Music Pathway

Music

First Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
College Algebra	MAT 1313	Social/Behavioral Science	3
*Fundamentals of Music	MUS 1133	*Music Theory I	MUS 1214
*Class Piano I	MUA 1511	*Class Piano II	MUA 1521
Recital Class I	MUS 1911	Recital Class II	MUS 1921
**Music Elective	3	Music Survey	MUS 2123
*Major Instrument I	2	*Major Instrument II	2
Ensemble I	1	Ensemble II	1
Total	17 hrs.	Total	18 hrs.

Second Year

First Semester		Second Semester	
Western Civilization I	HIS 1113	Western Civilization II	HIS 1123
OR World Civilization I	HIS 1163	OR World Civilization II	HIS 1173
*Music Theory II	MUS 1224	Public Speaking I	SPT/COM 1113
*Class Piano III	MUA 2511	*Class Piano IV	MUA 2521
Recital Class III	MUS 2911	Recital Class IV	MUS 2921
*Major Instrument III	2	*Major Instrument IV	2
Ensemble III	1	Ensemble IV	1
Natural Science w/Lab	4	Natural Science w/Lab	4
		General Psychology	PSY 1513
Total	16 hrs.	Total	18 hrs.

Consult with your chosen transfer university/college to determine changes to this curriculum.

Participation in Choir or Band is required each semester.

*Failure to complete any portion of this combination of courses forfeits advancement to the next level of all.

**Choose from the following Music Electives:

MUS 1413 - Basic Computer Skills for Musicians

MUS 2443 - Audio Engineering I

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Arts/Humanities/Language Pathway
Humanities Pathway
History and Philosophy or Religious Study

General Core

ENG 1113	English Composition I	3 hours
ENG 1123	English Composition II	3 hours
MAT 1313	College Algebra Or *Higher Mathematics	3 hours
SPT/COM 1113	Public Speaking I	3 hours
Fine Arts	Art/Music/Theatre Appreciation or Art History	3 hours
*Humanities		6 hours
*Natural Science with Lab		8 hours
*Social/Behavioral Science		6 hours
Total General Core Hours		35 hours

To complete the minimum of 62 hours required for graduation, at least 27 hours of electives (see prescribed pathway electives listed below) should be selected that apply toward the bachelor's degree program into which the student plans to transfer. The student should consult the Mississippi Articulation and Transfer Tool (MATT) and the catalog of the college or university offering the bachelor's degree. Failure to do so may result in taking courses that will not apply toward the chosen bachelor's degree.

*Refer to the General Education Core Course Numbers & Titles.

Academic Pathways
Arts/Humanities/Language Pathway
Humanities Pathway
History

General Core Hours 35 hours

*Recommended Courses for Humanities, Social/Behavioral Science, and Natural Science with Lab within the 35 General Core Hours: PSY 1513 General Psychology, PSC 1113 American National Government, **HIS 1163 World Civilizations I and HIS 1173 World Civilizations II, one Biological Science and one Physical Science.

HIS 2213/HIS 2223	American (U.S.) History I and II	6 hours
PHI 2113	Introduction to Philosophy I	3 hours
Literature Electives		6 hours
***Foreign Language Electives		12 hours
Total		62 hours

**HIS 1113 & HIS 1123 may be accepted in place of HIS 1163 & HIS 1173 for a B. S. Degree.

***9 or 12 hours of one Foreign Language are required for the B. A. degree. For a B. S. degree consult the chosen transfer college to determine appropriate courses.

Consult with your chosen transfer university/college to determine changes to this curriculum.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Arts/Humanities/Language Pathway
Humanities Pathway
Philosophy or Religious Study

General Core Hours 35 hours
*Recommended Courses for Humanities within the 35 General Core Hours: History Sequence.

PHI 2613	Introduction to World Religions	3 hours
	Philosophy or Religion Electives	6 hours
	Literature Elective	3 hours
**Foreign Language Electives		12 hours
Elective		3 hours
Total		62 hours

**Select one Foreign Language.

Consult with your chosen transfer university/college to determine changes to this curriculum.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Arts/Humanities/Language Pathway
 Language Pathway

Communications/Journalism/Mass Communications

First Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
College Algebra	MAT 1313	Public Speaking I	SPT/COM 1113
**Fine Arts Elective	3	General Psychology	PSY 1513
History Elective	3	History Elective	3
**Foreign Language (Continuous)	3	**Foreign Language (Continuous)	3
*Elective	1 to 3	*Elective	1 to 3
Total	16-18 hrs.	Total	16-18 hrs.

Second Year

First Semester		Second Semester	
Intro to Sociology	SOC 2113	Intro to Philosophy I	PHI 2113
American National Gov't	PSC 1113	**Foreign Language (Continuous)	3
Natural Science w/Lab	4	Natural Science w/Lab	4
**Literature Elective	3	*Elective	3
Interpersonal Communication	SPT/COM 2173	*Elective	3
Total	16 hrs.	Total	16 hrs.

**Consult with your chosen transfer university/college to determine changes to this curriculum.

*It is strongly recommended that a student who chooses this major enrolls in a College Publications course (options below), whether it be Newspaper or Yearbook. This offers a practical application of skills learned.

Suggested Courses:

JOU 1111, 1121, 2111, 2121 College Publications I, II, III, IV Yearbook (*Horizons*) or Newspaper (*The Growl*)

JOU 1112, 1122, 2112, 2122 College Publications I, II, III, IV Newspaper (*Growl and Grid*)

JOU 1313 News Writing and Reporting I

JOU 1323 News Writing and Reporting II

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Arts/Humanities/Language Pathway
Language Pathway
English

First Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
College Algebra	MAT 1313	Public Speaking I	SPT/COM 1113
Spanish I	MFL 1213	Spanish II	MFL 1223
Fine Arts Elective	3	Literature Elective	3
History Elective (Continuous)	3	History Elective (Continuous)	3
Total	15 hrs.	Total	15 hrs.

Second Year

First Semester		Second Semester	
Spanish III	MFL 2213	General Psychology	PSY 1513
Natural Science w/Lab	4	Natural Science w/Lab	4
*Social/Behavioral Science	3	*Elective	3
Literature Elective	3	*Elective	3
Literature Elective	3	Literature Elective	3
Total	16 hrs.	Total	16 hrs.

*Consult with your chosen transfer university/college to determine changes to this curriculum.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Arts/Humanities/Language Pathway
Language Pathway
Liberal Arts

First Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
College Algebra	MAT 1313	Fine Arts Elective	3
Public Speaking I	SPT/COM 1113	Social/Behavioral Science	3
*Natural Science w/Lab	4	*Natural Science w/Lab	4
Foreign Language	3	Foreign Language	3
Total	16 hrs.	Total	16 hrs.

Second Year

First Semester		Second Semester	
Intro to Philosophy I	PHI 2113	Social/Behavioral Science	3
Literature Elective	3	Literature Elective	3
Foreign Language	3	Foreign Language	3
History Elective	3	History Elective	3
*Natural Science w/Lab	4	Elective	3
Total	16 hrs.	Total	15 hrs.

*Consult with your chosen transfer university/college to determine changes to this curriculum.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Arts/Humanities/Language Pathway
Language Pathway
Spanish

First Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
College Algebra	MAT 1313	Public Speaking I	SPT/COM 1113
Spanish I	MFL 1213	Spanish II	MFL 1223
Fine Arts Elective	3	Social/Behavioral Science	3
*History Elective (Continuous)	3	*History Elective (Continuous)	3
Total	15 hrs.	Total	15 hrs.

Second Year

First Semester		Second Semester	
Spanish III	MFL 2213	Spanish IV	MFL 2233
Social/Behavioral Science	3	Intro to Philosophy I	PHI 2113
Natural Science w/Lab	4	Natural Science w/Lab	4
Literature Elective	3	Literature Elective	3
Elective	3	Elective	3
Total	16 hrs.	Total	16 hrs.

Consult with your chosen transfer university/college to determine changes to this curriculum.

*Choose from the following History Electives:
 HIS 1113 & HIS 1123
 HIS 1163 & HIS 1173

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Business Pathway

Students preparing for a career in **Business**-related fields have many potential job opportunities. Possible careers include jobs as an Accountant or Auditor. Job responsibilities for these occupations include preparing and examining financial records as well as ensuring taxes are paid accurately and on time. Other potential careers in this area include jobs in Management or Marketing. Managers of a business are primarily responsible for planning and directing operations of a business. Individuals involved in Marketing occupations are involved with advertising, promotions, and public relations of a business. According to the Occupational Outlook Handbook, jobs within these occupations are expected to grow faster than the national average for all other occupations in the United States over the next 10 years.

Business Pathway
Accounting
Agribusiness
Business Administration
Economics
Finance
Management
Marketing

Academic Pathways
Business Pathway

**Accounting, Agribusiness, Business Administration,
Economics, Finance, Management,
and Marketing**

General Core

ENG 1113	English Composition I	3 hours
ENG 1123	English Composition II	3 hours
MAT 1313	College Algebra Or *Higher Mathematics	3 hours
SPT/COM 1113	Public Speaking I	3 hours
Fine Arts	Art/Music/Theatre Appreciation or Art History	3 hours
*Humanities	Combination or Sequence	6 hours
*Natural Science with Lab		8 hours
*Social/Behavioral Science		6 hours
Total General Core Hours		35 hours

To complete the minimum of 62 hours required for graduation, at least 27 hours of electives (see prescribed pathway electives listed below) should be selected that apply toward the bachelor's degree program into which the student plans to transfer. The student should consult the Mississippi Articulation and Transfer Tool (MATT) and the catalog of the college or university offering the bachelor's degree. Failure to do so may result in taking courses that will not apply toward the chosen bachelor's degree.

*Refer to the General Education Core Course Numbers & Titles.

Academic Pathways
Business Pathway
Accounting

General Core Hours 35 hours

*Recommended Courses for Humanities and Social/Behavioral Science within the 35 General Core Hours: PSY 1513 General Psychology, PSC 1113 American National Government, History Sequence

**ACC 2213/ACC 2223	Principles of Accounting I and II	6 hours
BAD 2323	Business Statistics	3 hours
BAD 2413	The Legal Environment of Business	3 hours
BAD 2813	Business Communications	3 hours
ECO 2113/ECO 2123	Principles of Macro/Microeconomics	6 hours
MAT 1513/MAT 1613	Business Calculus I or Calculus I	3 hours
Literature Elective		3 hours

Total 62 hours

**Advisor Tip: Enroll in ACC 2213 and ACC 2223 in first year and ECO 2113 and ECO 2123 in second year.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Business Pathway
Agribusiness

General Core Hours 35 hours

*Recommended Courses for Humanities and Social/Behavioral Science within the 35 General Core Hours: PSY 1513 General Psychology, PSC 1113 American National Government, History Sequence

**ACC 2213/ACC 2223	Principles of Accounting I and II	6 hours
AGR 1214	Animal Science	4 hours
AGR 1313	Plant Science	3 hours
BAD 2323	Business Statistics	3 hours
BAD 2413	The Legal Environment of Business	3 hours
ECO 2113/ECO 2123	Principles of Macro/Microeconomics	6 hours
MAT 1613	Calculus I	3 hours

Total 63 hours

**Advisor Tip: Enroll in ACC 2213 and ACC 2223 in first year and ECO 2113 and ECO 2123 in second year.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Business Pathway
Business Administration

General Core Hours 35 hours

*Recommended Courses for Humanities and Social/Behavioral Science within the 35 General Core Hours: PSY 1513 General Psychology, ECO 2113 Principles of Macroeconomics, History Sequence

**ACC 2213/ACC 2223	Principles of Accounting I and II	6 hours
BAD 2323	Business Statistics	3 hours
BAD 2413	The Legal Environment of Business	3 hours
ECO 2123	Principles of Microeconomics	3 hours
MAT 1513/MAT 1613	Business Calculus I or Calculus I	3 hours
***Business Electives		6 hours
Literature Elective		3 hours
Total		62 hours

**Advisor Tip: Enroll in ACC 2213 and ACC 2223 in first year and ECO 2113 and ECO 2123 in second year.

***Business Electives: BAD 1113, BAD 2213, BAD 2513, BAD 2533, BAD 2813, BAD 2853.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Business Pathway
Economics

General Core Hours 35 hours

*Recommended Courses for Humanities and Social/Behavioral Science within the 35 General Core Hours: PSY 1513 General Psychology, PSC 1113 American National Government, History Sequence

**ACC 2213/ACC 2223	Principles of Accounting I and II	6 hours
BAD 2323	Business Statistics	3 hours
BAD 2413	The Legal Environment of Business	3 hours
ECO 2113/ECO 2123	Principles of Macro/Microeconomics	6 hours
MAT 1513/MAT 1613	Business Calculus I or Calculus I	3 hours
Literature Elective		3 hours
****Elective (Computer, Philosophy, Science)		3 hours
Total		62 hours

**Advisor Tip: Enroll in ACC 2213 and ACC 2223 in first year and ECO 2113 and ECO 2123 in second year.

****Check course catalog of transfer school.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Business Pathway
Finance

General Core Hours 35 hours

*Recommended Courses for Humanities and Social/Behavioral Science within the 35 General Core Hours: PSY 1513 General Psychology, ECO 2113 Principles of Macroeconomics, History Sequence

**ACC 2213/ACC 2223	Principles of Accounting I and II	6 hours
BAD 2323	Business Statistics	3 hours
BAD 2413	The Legal Environment of Business	3 hours
ECO 2123	Principles of Microeconomics	3 hours
MAT 1513/MAT 1613	Business Calculus I or Calculus I	3 hours
***Business Electives		6 hours
Literature Elective		3 hours
Total		62 hours

**Advisor Tip: Enroll in ACC 2213 and ACC 2223 in first year and ECO 2113 and ECO 2123 in second year.

***Business Electives: BAD 1113, BAD 2213, BAD 2513, BAD 2533, BAD 2813, BAD 2853.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Business Pathway
Management

General Core Hours 35 hours

*Recommended Courses for Humanities and Social/Behavioral Science within the 35 General Core Hours: PSY 1513 General Psychology, PSC 1113 American National Government, History Sequence

**ACC 2213/ACC 2223	Principles of Accounting I and II	6 hours
BAD 2323	Business Statistics	3 hours
BAD 2413	The Legal Environment of Business	3 hours
ECO 2113/ECO 2123	Principles of Macro/Microeconomics	6 hours
MAT 1513/MAT 1613	Business Calculus I or Calculus I	3 hours
***Business Elective		3 hours
Literature Elective		3 hours
Total		62 hours

**Advisor Tip: Enroll in ACC 2213 and ACC 2223 in first year and ECO 2113 and ECO 2123 in second year.

***Business Electives: BAD 1113, BAD 2213, BAD 2513, BAD 2533, BAD 2813, BAD 2853.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Business Pathway
Marketing

General Core Hours 35 hours

*Recommended Courses for Humanities and Social/Behavioral Science within the 35 General Core Hours: PSY 1513 General Psychology, ECO 2113 Principles of Macroeconomics, History Sequence

**ACC 2213/ACC 2223	Principles of Accounting I and II	6 hours
BAD 2213	Introduction to Marketing	3 hours
BAD 2323	Business Statistics	3 hours
BAD 2413	The Legal Environment of Business	3 hours
BAD 2813	Business Communications	3 hours
ECO 2123	Principles of Microeconomics	3 hours
MAT 1513/MAT 1613	Business Calculus I or Calculus I	3 hours
Literature Elective		3 hours
Total		62 hours

**Advisor Tip: Enroll in ACC 2213 and ACC 2223 in first year and ECO 2113 and ECO 2123 in second year.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Education Pathway

Did you ever grow up thinking that you wanted to be just like that favorite teacher, coach, or principal? If so, then the **Education** pathway may be for you. For those considering a career in teaching, there are some excellent benefits such as: variety in a work day, life-long learning, making a difference in the lives of young people, working all over the world, and you will have way more than just a JOB. The Education pathway includes occupations that lead or assist in the delivery of instructional materials or lessons in classrooms, from preschool until high school. Regardless of the chosen path, the Education pathway will prepare the individual to be knowledgeable in his/her subject, inspire trust and confidence, motivate learners, as well as understand his/her students' educational and emotional needs. This field has many potential job opportunities. Possible careers include elementary teacher, secondary education teacher in many different subject areas, athletic coach, adult education instructor, preschool teacher, child care worker, and day care administrator. Even if some interested in working with children do not wish to work in a traditional classroom, there are other paths within this pathway to explore those options.

Education Pathway
Elementary/Special/Early Childhood Education
Secondary Education Pathway
Biology/Science
Chemistry/Physical Science
English
Mathematics
Music
Physical Education/Kinesiology
Physics
Social Studies

Academic Pathways
Education Pathway

**Elementary/Special/Early Childhood Education,
Secondary Education**

To be admitted into a teacher education program that leads to a baccalaureate degree, students will either have to

- Achieve a qualifying passing score on the Praxis Core Academic Skills for Educators (CORE) as established by the State Board of Education OR
- Have an ACT composite score of twenty-one (21) (or SAT equivalent) OR
- Have a minimum GPA of 3.0 on coursework prior to admission to an approved teacher education program*

General Core

ENG 1113	English Composition I	3 hours
ENG 1123	English Composition II	3 hours
MAT 1313	College Algebra Or *Higher Mathematics	3 hours
SPT/COM 1113	Public Speaking I	3 hours
Fine Arts	Art/Music/Theatre Appreciation or Art History	3 hours
*Humanities	Combination or Sequence	6 hours
*Natural Science with Lab (BIO and PHY)		8 hours
*Social/Behavioral Science		6 hours
Total General Core Hours		35 hours

To complete the minimum of 62 hours required for graduation, at least 27 hours of electives (see prescribed pathway electives listed below) should be selected that apply toward the bachelor's degree program into which the student plans to transfer. The student should consult the Mississippi Articulation and Transfer Tool (MATT) and the catalog of the college or university offering the bachelor's degree. Failure to do so may result in taking courses that will not apply toward the chosen bachelor's degree.

*Refer to the General Education Core Course Numbers & Titles.

Academic Pathways
Education Pathway

Elementary/Special/Early Childhood Education

****Endorsement Areas:** For Mississippi K-6 Licensure in Elementary Education, the Mississippi Department of Education requires that candidates have completed at least 18 hours, in each of two endorsement areas, with no grade lower than a “C”. In addition, some IHL universities also offer Elementary Education programs, K-6 with 2 add-on endorsements. In these programs, candidates earn an additional three (3) hours, or twenty-one (21) hours in each of the two endorsement areas, with no grade lower than a “C”. These programs prepare the students for Mississippi K-6 licensure, with add-on licenses for grades 7-12 in the two endorsement areas. English, General Science, Math, and Social Studies are endorsement areas accepted by all eight (8) IHL universities. Consult with your chosen transfer college to determine acceptable transfer courses for your endorsement areas.

General Core Hours 35 hours

*Recommended Courses for Humanities and Social/Behavioral Science within the 35 General Core Hours: PSY 1513 General Psychology, PSY/EPY 2533 Human Growth and Development, History Sequence

GEO 1113	World Regional Geography	3 hours
MAT 1723	Real Number System	3 hours
MAT 1733	Geometry, Measurement, & Probability	3 hours
MAT 1743	Problem Solving with Real Numbers	3 hours
PSC 1113/SOC 2113	American National Government or Introduction to Sociology	3 hours
Literature Electives		6 hours
***EDU 1613 and/or **Endorsement Area Elective(s)		6 hours
Total		62 hours

***Foundations in Education and Learning requires 15 hours of observation in a school setting organized by the course instructor. Some districts will require you to have a background check at an additional cost.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Education Pathway
Secondary Education Pathway

EDU 1613 Foundations in Education and Learning is strongly recommended for all Secondary Education Pathways. Foundations in Education and Learning requires 15 hours of observation in a school setting organized by the course instructor. Some districts will require you to have a background check at an additional cost.

Education Pathway
Secondary Education Pathway
Biology/Science

General Core Hours 35 hours

*Recommended Courses for Humanities and Social/Behavioral Science within the 35 General Core Hours: PSY 1513 General Psychology, History Sequence

*Recommended Course for Mathematics within the 35 General Core Hours: MAT 1323 Trigonometry or MAT 1613 Calculus I

BIO 1134/BIO 1144	General Biology I and II	8 hours
BIO 2924	Microbiology	4 hours
CHE 1214/CHE 1224	General Chemistry I and II	8 hours
HPR 1213	Personal and Community Health	3 hours
PHY 2414	General Physics I	4 hours

Total **62 hours**

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Education Pathway
 Secondary Education Pathway
Chemistry/Physical Science

General Core Hours 35 hours

*Recommended Courses for Humanities and Social/Behavioral Science within the 35 General Core Hours: PSY 1513 General Psychology, History Sequence

*Recommended Course for Mathematics within the 35 General Core Hours: MAT 1323 Trigonometry

BIO 1134/BIO 1144	General Biology I and II	8 hours
CHE 1214/CHE 1224	General Chemistry I and II	8 hours
MAT 1613	Calculus I	3 hours
PHY 2414/PHY 2424	General Physics I and II	8 hours
Total		62 hours

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Education Pathway
 Secondary Education Pathway
English

General Core Hours 35 hours

*Recommended Courses for Humanities and Social/Behavioral Science within the 35 General Core Hours: PSY 1513 General Psychology, SOC 2113 Introduction to Sociology, History Sequence

ENG 2223/ENG 2233	American Literature I and II	6 hours
ENG 2323/ENG 2333	British Literature I and II	6 hours
ENG 2423/ENG 2433	World Literature I and II	6 hours
Foreign Language Electives (Continuous Sequence)		6 hours
Elective		3 hours
Total		62 hours

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Education Pathway
Secondary Education Pathway
Mathematics

General Core Hours 35 hours

*Recommended Courses for Humanities and Social/Behavioral Science within the 35 General Core Hours: PSY 1513 General Psychology, SOC 2113 Introduction to Sociology, Literature Sequence

*Recommended Courses for Natural Science with Lab within the 35 General Core Hours: BIO 1134 & BIO 1144 General Biology I & II **or** CHE 1214 & CHE 1224 General Chemistry I & II

Some students may need to take MAT 1313 College Algebra and MAT 1323 Trigonometry (if placement score requires) prior to enrolling in MAT 1613 Calculus I. These students are advised to take these courses in the summer before their freshman year in order to complete the Calculus sequence before transferring.

MAT 1613/MAT 1623	Calculus I and II	6 hours
MAT 2613/MAT 2623	Calculus III and IV	6 hours
****MAT 2113	Introduction to Linear Algebra	3 hours
MAT 2913	Differential Equations	3 hours
PHY 2514/PHY 2524	General Physics I-A and II-A	8 hours
History Elective		3 hours
Total		64 hours

****Check course catalog of transfer school.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Education Pathway
Secondary Education Pathway

Music

General Core Hours 35 hours

*Recommended Courses for Humanities and Social/Behavioral Science within the 35 General Core Hours: PSY 1513 General Psychology, History Sequence

*Recommended Course for Fine Arts within the 35 General Core Hours: MUS 2123 Music Survey

^MUA 1511/MUA 1521	Class Piano for Music Majors I and II	2 hours
^MUA 2511/MUA 2521	Class Piano for Music Majors III and IV	2 hours
^MUS 1133	Fundamentals of Music	3 hours
^MUS 1214/MUS1224	Music Theory I and II	8 hours
MUS 1911/MUS 1921	Recital Class I and II	2 hours
MUS 2911/MUS 2921	Recital Class III and IV	2 hours

Areas of Concentration (Choose one area):

Instrument

^MUA	Instrument Majors I-IV	8 hours
MUO 1111/MUO 1121	Band I and II	2 hours
MUO 2111/MUO 2121	Band III and IV	2 hours
Total		66 hours

Piano

^MUA 1572/MUA 1582	Piano for Keyboard Majors I and II	4 hours
^MUA 2572/MUA 2582	Piano for Keyboard Majors III and IV	4 hours
MUO 1211/MUO 1221	Choir I and II	2 hours
MUO 2211/MUO 2221	Choir III and IV	2 hours
Total		66 hours

Voice

^MUA 1772/MUA 1782	Voice for Vocal Music Ed Majors I and II	4 hours
^MUA 2772/MUA 2782	Voice for Vocal Music Ed Majors III and IV	4 hours
MUO 1211/MUA 1221	Choir I and II	2 hours
MUO 2211/MUO 2221	Choir III and IV	2 hours
Total		66 hours

^Failure to complete any portion of this combination of courses forfeits advancement to the next level of all three.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Education Pathway
 Secondary Education Pathway
Physical Education/Kinesiology
(Teaching/Coaching)

General Core Hours 35 hours

*Recommended Courses for Humanities and Social/Behavioral Science within the 35 General Core Hours: PSY 1513 General Psychology, SOC 2113 Introduction to Sociology, History Sequence

*Recommended Courses for Natural Science with Lab within the 35 Core Hours: BIO 1134 General Biology I and BIO 2514 Anatomy and Physiology I

HPR 1213	Personal and Community Health	3 hours
HPR 1313	Introduction to Kinesiology	3 hours
HPR 2213	First Aid and CPR	3 hours
Literature Elective		3 hours
^^Concentration Electives		15 hours

Total **62 hours**

^^It is strongly suggested that students seeking a Physical Education (P. E.) Licensure prepare themselves to teach in one additional discipline. The Mississippi Department of Education requires 21 semester hours of prefix-specific courses with a grade of "C" or better. Some of the common supplemental endorsement areas are English, Communication, Social Studies, Mathematics, and General Science.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Education Pathway
Secondary Education Pathway
Physics

General Core Hours 35 hours

*Recommended Courses for Humanities and Social/Behavioral Science within the 35 General Core Hours: PSY 1513 General Psychology, SOC 2113 Introduction to Sociology, History Elective, and Literature Elective

*Recommended Courses for Natural Science with Lab within the 35 Core Hours: CHE 1214 & CHE 1224 General Chemistry I & II

Some students may need to take MAT 1313 College Algebra and MAT 1323 Trigonometry (if placement score requires) prior to enrolling in MAT 1613 Calculus I. These students are advised to take these courses in the summer before their freshmen year in order to complete the Calculus sequence before transferring.

MAT 1613/MAT 1623	Calculus I and II	6 hours
PHY 2514/PHY 2524	General Physics I-A and II-A	8 hours
^^Electives		13 hours
Total		62 hours

^^Choose from the following Electives: EGR 2413 Engineering Mechanics I, MAT 2113 Introduction to Linear Algebra, MAT 2613 Calculus III, MAT 2623 Calculus IV, PHY 1114 Astronomy, Biology Elective for Majors, History Elective.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Education Pathway
Secondary Education Pathway
Social Studies

General Core Hours 35 hours

*Recommended Courses for Humanities and Social/Behavioral Science within the 35 General Core Hours: PSY 1513 General Psychology, SOC 2113 Introduction to Sociology, Literature Sequence

HIS 1113/HIS 1163	Western or World Civilization I	3 hours
HIS 1123/HIS 1173	Western or World Civilization II	3 hours
GEO 1113	World Geography	3 hours
HIS 2213/HIS 2223	American US History I and II	6 hours
PSC 1113	American National Government	3 hours
ECO 2113/ECO 2123	Principles of Macro/Microeconomics	6 hours
PHI 2113	Intro to Philosophy I	3 hours
Total		62 hours

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
General College Pathway

As a high school or college student, you may still be discovering a lot about who you are and what you want to do for the rest of your life. So, what you originally thought was right for you may not be what you do long-term. In fact, it is normal for college students to change their majors several times during their college years. However, with that said, it is recommended that you select a program of study by the second semester of your freshman year. Doing so will give you a guide of the courses that you need to take to transfer to a university in a particular major.

The Academic Pathway, **General College Studies**, is a pathway that you could choose if you are undecided about your program of study. Following this program will allow graduation with an Associate of Arts degree. A student may select another program of study at any time during his/her enrollment at Holmes.

General College Pathway
General College Studies

Academic Pathways
General College Pathway
General College Studies

First Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
College Algebra	MAT 1313	Public Speaking I	SPT/COM 1113
History Elective	3	History Elective	3
Fine Arts Elective	3	PSY/EPY Elective	3
Elective	3	Elective	3
Total	15 hrs.	Total	15 hrs.

Second Year

First Semester		Second Semester	
Natural Science w/Lab	4	Natural Science w/Lab	4
Social/Behavioral Science	3	Social/Behavioral Science	3
Literature Elective	3	Literature Elective	3
Humanities Elective	3	Humanities Elective	3
Elective	3	Elective	3
Total	16 hrs.	Total	16 hrs.

Consult with your chosen transfer university/college to determine changes to this curriculum.

This curriculum is designed for those students who have not decided upon a major at a transfer institution. Following this program will allow graduation with an Associate of Arts degree or a student may select another program of study at any time during his/her enrollment at Holmes.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Health Sciences Pathway

The **Health Sciences** Pathway is considered a venue to present knowledge and tools the students can use to apply for acceptance into health care professional school and to aid in the management of quality health care careers. These fields of study will allow students Pathways into nursing, pre-medical, pre-dental, pre-pharmacy, therapeutic health fields, public agencies, or health administration.

Health Sciences Pathway
Biological Science
Pre-Allied Health
Dentistry Pathway
Pre-Dental
Pre-Dental Hygiene
Health-Related Pathway
Health Informatics & Information Management
Health Sciences
Pre-Medical Laboratory Science
Pre-Occupational Therapy
Pre-Physical Therapy
Pre-Physician Associate/Assistant Studies
Pre-Radiologic Sciences
Pre-Speech Pathology/Communicative Sciences
Medicine Pathway
Pre-Medical
Pre-Nursing
Pharmacy Pathway
Pre-Pharmacy
Veterinary Pathway
Pre-Veterinary
Pre-Veterinary Medical Technology

Academic Pathways
Health Sciences Pathway
Pre-Allied Health

This curriculum is designed for those students who do not have a minimum ACT Composite score of 16 but are interested in pursuing a nursing or allied health program. This curriculum stresses Natural Sciences with labs and will provide a good academic base. However, it does not lead directly to a four-year degree in Allied Health. The curriculum below leads to an Associate of Arts Degree.

First Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
College Algebra	MAT 1313	Public Speaking I	SPT/COM 1113
Orientation	LLS 1313	Med Term for Health Prof	BIO 1813
Fine Arts Elective	3	Nutrition	BIO 1613
History Elective	3	History Elective	3
Total	15 hrs.	Total	15 hrs.

Second Year

First Semester		Second Semester	
General Biology I	BIO 1134	Anatomy & Physiology I	BIO 2514
Enhancement of Study	LLS 1413	First Aid & CPR	HPR 2213
Computer Applications I	CSC 1123	General Psychology	PSY 1513
Human Growth & Dev	EPY/PSY 2533	Social/Behavioral Science	3
Literature Elective	3	Humanities Elective	3
Total	16 hrs.	Total	16 hrs.

Consult with your chosen transfer university/college to determine changes to this curriculum.

Applications to nursing programs require:

1. BSN: ACT Composite score of 21 or higher
2. ADN: ACT Composite score of 18 or higher, ACT Math score of 17 or 3-hour College Algebra or higher, and an ACT Reading score of 18.
3. LPN: ACT Composite score of 16 or higher

Following this program will allow graduation with an Associate of Arts degree or a student may select another program of study at any time during his/her enrollment at Holmes.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Health Sciences Pathway
 Dentistry Pathway
Pre-Dental

Dental Schools may require a baccalaureate degree for admission but no prescribed course of study is stipulated. The curriculum below is a suggested guide which leads to an Associate of Arts Degree, but it does not lead to a four-year degree in dentistry. Students should consult their chosen transfer university to select a four-year degree. Additionally, UMMC is the sole Mississippi provider for a professional degree in dentistry.

First Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
College Algebra	MAT 1313	Trigonometry	MAT 1323
General Chemistry I	CHE 1214	General Chemistry II	CHE 1224
General Biology I	BIO 1134	General Biology II	BIO 1144
Fine Arts Elective	3	Public Speaking I	SPT/COM 1113
Total	17 hrs.	Total	17 hrs.

Second Year

First Semester		Second Semester	
General Psychology	PSY 1513	Statistics	MAT 2323
Organic Chemistry I	CHE 2424	Organic Chemistry II	CHE 2434
General Physics I	PHY 2414	General Physics II	PHY 2424
Humanities Elective	3	Humanities Elective	3
		Social/Behavioral Science	3
Total	*14 hrs.	Total	17 hrs.

Consult with your chosen transfer university/college to determine changes to this curriculum.

Students should consult The University of Mississippi Medical Center's bulletin to determine courses considered end point before attempting online classes.

*Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Health Sciences Pathway
 Dentistry Pathway
Pre-Dental Hygiene

This curriculum is designed to meet the admission requirements of the School of Health Related Professions at the University of Mississippi Medical Center. All programs at the Medical Center are upper division. Students must complete all admission requirements before transferring. Students should consult the most recent Medical Center catalog when planning their schedule. All programs at the Medical Center have a limited class size with competitive admissions. Students should start the application process early in their sophomore year. The curriculum below leads to an Associate of Arts Degree.

First Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
College Algebra	MAT 1313	General Psychology	PSY 1513
Public Speaking I	SPT/COM 1113	Med Term for Health Prof	BIO 1813
General Biology I	BIO 1134	Nutrition	BIO 1613
General Chemistry I	CHE 1214	General Chemistry II	CHE 1224
Total	17 hrs.	Total	16 hrs.

Second Year

First Semester		Second Semester	
Anatomy & Physiology I	BIO 2514	Anatomy & Physiology II	BIO 2524
Intro to Sociology	SOC 2113	Microbiology	BIO 2924
Humanities Elective	3	Humanities Elective	3
Fine Arts Elective	3	Child Psychology	EPY/PSY 2513
Elective	3	OR Adol Psychology	EPY/PSY 2523
		OR Hum Grwth/Dev	EPY/PSY 2533
Total	16 hrs.	Total	*14 hrs.

Consult with your chosen transfer university/college to determine changes to this curriculum.

Students must have a minimum of 57 transferable hours with a minimum 2.5 GPA on a 4.0 scale. A minimum grade of C is required on each course to be transferred. Students must also complete 8 hours of observation of a licensed or registered dental hygienist in a clinical environment.

*Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Health Sciences Pathway
Health-Related Pathway
Health Sciences

First Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
College Algebra	MAT 1313	Trigonometry	MAT 1323
Princ of Macroeconomics	ECO 2113	Public Speaking I	SPT/COM 1113
General Biology I	BIO 1134	Med Term for Health Prof	BIO 1813
General Chemistry I	CHE 1214	General Chemistry II	CHE 1224
Total	17 hrs.	Total	16 hrs.

Second Year

First Semester		Second Semester	
Anatomy & Physiology I	BIO 2514	Anatomy & Physiology II	BIO 2524
*Natural Science w/Lab	4	Microbiology	BIO 2924
**Social/Behavioral Science	3	**Social/Behavioral Science	3
Humanities Elective	3	Humanities Elective	3
		Fine Arts Elective	3
Total	***14 hrs.	Total	17 hrs.

Consult with your chosen transfer university/college to determine changes to this curriculum.

*Natural Sciences Electives: BIO 1144, BIO 2414, PHY 2244, PHY 2254, PHY 2414

**Students planning to apply to Health-Related Programs (i.e., OTA, PTA, PN, Massage Therapy, or Surgical Technology) should review the admission requirements and application process for that specific program. These Health-Related Programs recommend taking PSY 1513 General Psychology and PSY/EPY 2533 Human Growth and Development for the Social/Behavioral Science electives.

***Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Health Sciences Pathway
Health-Related Pathway
Pre-Occupational Therapy

This curriculum is designed to meet the admission requirements of the School of Health-Related Professions at the University of Mississippi Medical Center. All programs at the Medical Center are upper division. Students should consult the most recent UMMC Bulletin when planning their schedule. Students applying for the Doctorate of Occupational Therapy must have a bachelor's degree with a minimum average of 3.0 on a 4.0 scale for the prerequisite courses; each pre-requisite course must be completed with a grade of "C" or better. The student must provide evidence of 24 hours of observation under an occupational therapist or an occupational therapy assistant in at least three occupational therapy clinical departments or practices within the two calendar years preceding the application deadline.

First Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
College Algebra	MAT 1313	Trigonometry	MAT 1323
General Psychology	PSY 1513	Med Term for Health Prof	BIO 1813
General Biology I	BIO 1134	General Biology II	BIO 1144
General Chemistry I	CHE 1214	General Chemistry II	CHE 1224
Total	17 hrs.	Total	17 hrs.

Second Year

First Semester		Second Semester	
Anatomy & Physiology I	BIO 2514	Anatomy & Physiology II	BIO 2524
Public Speaking I	SPT/COM 1113	Statistics	MAT 2323
General Physics I	PHY 2414	Human Growth & Dev	EPY/PSY 2533
Humanities Elective	3	Humanities Elective	3
		Fine Arts Elective	3
Total	*14 hrs.	Total	16 hrs.

Consult with your chosen transfer university/college to determine changes to this curriculum.

All programs at the University Medical Center have a limited class size with competitive admissions.

*Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Health Sciences Pathway
Health-Related Pathway
Pre-Physical Therapy

This curriculum is designed to meet the admission requirements of the School of Health-Related Professions at the University of Mississippi Medical Center. All programs at the Medical Center are upper division. Students must complete all admission requirements before transferring. Students must have a minimum 3.0 GPA on a 4.0 scale. A minimum grade of C is required on each course accepted for transfer. The curriculum below leads to an Associate of Arts Degree.

Students applying for the Doctor of Physical Therapy must have a bachelor's degree and evidence of 40 hours of observation in at least two physical therapy clinical departments or practices. Students must also take the GRE before applying to the program. Students must also complete an autobiographical essay and a resume to apply to the program.

First Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
College Algebra	MAT 1313	Trigonometry	MAT 1323
General Biology I	BIO 1134	General Biology II	BIO 1144
General Chemistry I	CHE 1214	General Chemistry II	CHE 1224
Total	*14 hrs.	Total	*14 hrs.

Second Year

First Semester		Second Semester	
Anatomy & Physiology I	BIO 2514	Anatomy & Physiology II	BIO 2524
General Physics I	PHY 2414	General Physics II	PHY 2424
Public Speaking I	SPT/COM 1113	Fine Arts Elective	3
Social/Behavioral Science	3	Social/Behavioral Science	3
Humanities Elective	3	Humanities Elective	3
Total	17 hrs.	Total	17 hrs.

Consult with your chosen transfer university/college to determine changes to this curriculum.

All programs at the University Medical Center have a limited class size with competitive admissions.

*Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Health Sciences Pathway
Health-Related Pathway

Pre-Physician Associate/Assistant Studies

This curriculum is designed to meet the admission requirements of the Department of Physician Assistant Studies at Mississippi College and the Master of Physician Assistant Studies Program at Mississippi State University-Meridian. Students must have a minimum 3.0 cumulative GPA as well as a 3.0 science GPA on a 4.0 scale for both programs. In addition, a minimum grade of C is required on each pre-requisite course accepted for transfer, and each pre-requisite course must be taken within 10 years of matriculation at the University or College. Mississippi College will not accept online or hybrid courses for pre-requisite courses (except for statistics). The curriculum below leads to an Associate of Arts Degree.

Students applying for either program must have a bachelor's degree, take the GRE, and have evidence of clinical experience. At least 80 hours of healthcare experience and 20 hours of shadowing experience with a medical doctor or physician assistant are required for the Master of Physician Assistant studies Program at Mississippi State University-Meridian. For this program, students must also complete CPR Certification (American Heart Association) or higher.

First Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
General Biology I	BIO 1134	Microbiology	BIO 2924
General Chemistry I	CHE 1214	General Chemistry II	CHE 1224
College Algebra	MAT 1313	Fine Arts Elective	3
Total	*14 hrs.	Total	*14 hrs.

Second Year

First Semester		Second Semester	
Anatomy & Physiology I	BIO 2514	Anatomy & Physiology II	BIO 2524
Public Speaking I	SPT/COM 1113	Statistics	MAT 2323
General Psychology	PSY 1513	Intro to Sociology	SOC 2113
Organic Chemistry I	CHE 2424	Organic Chemistry II	CHE 2434
Humanities Elective	3	Humanities Elective	3
Total	17 hrs.	Total	17 hrs.

Consult with your chosen transfer university/college to determine changes to this curriculum.

Both programs at Mississippi College and Mississippi State University-Meridian have a limited class size with competitive admissions.

*Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Health Sciences Pathway
Health-Related Pathway
Pre-Radiologic Sciences

This curriculum is designed to meet the admission requirements of the School of Health-Related Professions at the University of Mississippi Medical Center. All programs at the Medical Center are upper division. Students must complete all admission requirements before transferring. Students must have a minimum of 60 hours of transfer credit with a minimum 2.0 GPA on a 4.0 scale. A minimum grade of C is required on each course accepted for transfer. The curriculum below leads to an Associate of Arts Degree.

See the University of Mississippi Medical Center website for additional requirements for admission to the B.S. Degree Program of Radiologic Sciences.

First Year

First Semester	Second Semester
English Composition I ENG 1113	English Composition II ENG 1123
College Algebra MAT 1313	Trigonometry MAT 1323
General Biology I BIO 1134	Computer Applications I CSC 1123
Public Speaking I SPT/COM 1113	Med Term for Health Prof BIO 1813
General Chemistry I CHE 1214	General Chemistry II CHE 1224
Total 17 hrs.	Total 16 hrs.

Second Year

First Semester	Second Semester
Anatomy & Physiology I BIO 2514	Anatomy & Physiology II BIO 2524
General Physics I PHY 2414	First Aid & CPR HPR 2213
Social/Behavioral Elective 3	Social/Behavioral Elective 3
Humanities Elective 3	Humanities Elective 3
Fine Arts Elective 3	
Total 17 hrs.	Total *13 hrs.

Consult with your chosen transfer university/college to determine changes to this curriculum.

All programs at the University Medical Center have a limited class size with competitive admissions. Students should start the application process early in their sophomore year.

*Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Health Sciences Pathway
Health-Related Pathway

Pre-Speech Pathology/Communicative Sciences

First Year

First Semester	Second Semester
English Composition I ENG 1113	English Composition II ENG 1123
College Algebra MAT 1313	Statistics MAT 2323
General Biology I BIO 1134	General Biology II BIO 1144
General Psychology PSY 1513	Public Speaking I SPT/COM 1113
*Foreign Language (Continuous) 3	*Foreign Language (Continuous) 3
Total 16 hrs.	Total 16 hrs.

Second Year

First Semester	Second Semester
Anatomy & Physiology I BIO 2514	Anatomy & Physiology II BIO 2524
Introduction to Sociology SOC 2113	**Natural Science w/Lab 4
History Elective (Continuous) 3	History Elective (Continuous) 3
Literature Elective 3	Humanities Elective 3
*Foreign Language (Continuous) 3	Fine Arts Elective 3
Total 16 hrs.	Total 17 hrs.

Consult with your chosen transfer university/college to determine changes to this curriculum.

*Foreign Language: 6 – 12 hours are required for B.A.

**Natural Science Electives: CHE 1214, PHY 2244, PHY 2254, PHY 2414

*Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Health Sciences Pathway
 Medicine Pathway
Pre-Medical

Medical schools may require a baccalaureate degree for admission but no prescribed course of study is stipulated. The curriculum below is a suggested guide which leads to an Associate of Arts Degree, but it does not lead to a four-year degree in medicine. Students should consult their chosen transfer university to select a four-year degree. Additionally, UMMC is the sole Mississippi provider for a professional degree in medicine.

First Year

First Semester	Second Semester
English Composition I ENG 1113	English Composition II ENG 1123
College Algebra MAT 1313	Trigonometry MAT 1323
General Biology I BIO 1134	General Biology II BIO 1144
General Chemistry I CHE 1214	General Chemistry II CHE 1224
Fine Arts Elective 3	Public Speaking I SPT/COM 1113
 Total	 Total
17 hrs.	17 hrs.

Second Year

First Semester	Second Semester
Organic Chemistry I CHE 2424	Organic Chemistry II CHE 2434
General Physics I PHY 2414	General Physics II PHY 2424
Social/Behavioral Science 3	Social/Behavioral Science 3
Humanities Elective 3	Humanities Elective 3
 Total	 Total
*14 hrs.	*14 hrs.

Consult with your chosen transfer university/college to determine changes to this curriculum.

Students should consult The University of Mississippi Medical Center's bulletin to determine courses considered end point before attempting online classes.

*Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Health Sciences Pathway
Medicine Pathway
Pre-Nursing (B.S.)

The curriculum below is a suggested guide for meeting possible prerequisites for admission into a Bachelor of Science degree in Nursing program. Students should consult their chosen transfer university. The curriculum below leads to an Associate of Arts Degree.

First Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
College Algebra	MAT 1313	Public Speaking I	SPT/COM 1113
General Psychology	PSY 1513	Human Growth & Dev	EPY/PSY 2533
General Biology I	BIO 1134	Microbiology	BIO 2924
General Chemistry I	CHE 1214	Nutrition	BIO 1613
Total	17 hrs.	Total	16 hrs.

Second Year

First Semester		Second Semester	
Anatomy & Physiology I	BIO 2514	Anatomy & Physiology II	BIO 2524
Computer Applications I	CSC 1123	Business Statistics	BAD 2323
OR Comp App/Bus	BAD 2533	OR Statistics	MAT 2323
Intro to Sociology	SOC 2113	Marriage & Family	SOC 2143
Fine Arts Elective	3	Literature Elective	3
History Elective (Continuous)	3	History Elective (Continuous)	3
Total	16 hrs.	Total	16 hrs.

Consult with your chosen transfer university/college to determine changes to this curriculum.

An ACT Composite Score of 16 or higher is required for this program of study.

Students must complete all admission requirements before transferring. All Schools of Nursing in the state of Mississippi have limited class sizes with competitive admission requirements. Students should start the application process early in their sophomore year.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Health Sciences Pathway
Pharmacy Pathway
Pre-Pharmacy

The curriculum below is a suggested guide for meeting possible prerequisites for admission into the Doctor of Pharmacy degree offered at the University of Mississippi. The curriculum below leads to an Associate of Arts Degree.

First Year

First Semester	Second Semester
English Composition I ENG 1113	English Composition II ENG 1123
General Biology I BIO 1134	General Biology II BIO 1144
General Chemistry I CHE 1214	General Chemistry II CHE 1224
Calculus I MAT 1613	Princ of Microeconomics ECO 2123
Fine Arts Elective 3	Social/Behavioral Science 3
Total 17 hrs.	Total 17 hrs.

Second Year

First Semester	Second Semester
Organic Chemistry I CHE 2424	Organic Chemistry II CHE 2434
Public Speaking I SPT/COM 1113	Statistics MAT 2323
Anatomy & Physiology I BIO 2514	Anatomy & Physiology II BIO 2524
Humanities Elective 3	Humanities Elective 3
General Physics I PHY 2414	Social/Behavioral Science 3
OR General Physics I-A PHY 2514	
Total 18 hrs.	Total 17 hrs.

Consult with your chosen transfer university/college to determine changes to this curriculum.

Some students may need to take MAT 1313 College Algebra and MAT 1323 Trigonometry (if placement score requires) prior to enrolling in MAT 1613 Calculus I. These students are advised to take these courses in the summer before their freshmen year in order to complete the Calculus sequence before transferring.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Health Sciences Pathway
Veterinary Pathway
Pre-Veterinary Medical Technology

The curriculum below is a suggested guide for meeting possible prerequisites for admission into the Veterinary Medical Technology program at Mississippi State University. The curriculum below leads to an Associate of Arts Degree.

First Year

First Semester	Second Semester
English Composition I ENG 1113	English Composition II ENG 1123
College Algebra MAT 1313	Trigonometry MAT 1323
General Biology I BIO 1134	General Biology II BIO 1144
Fine Arts Elective 3	Med Term for Health Prof BIO 1813
Social/Behavioral Science 3	Social/Behavioral Science 3
Total 16 hrs.	Total 16 hrs.

Second Year

First Semester	Second Semester
Statistics MAT 2323	Microbiology BIO 2924
General Chemistry I CHE 1214	General Chemistry II CHE 1224
Public Speaking I SPT/COM 1113	Humanities Elective 3
Animal Science AGR 1214	*Elective 3
Humanities Elective 3	
Total 17 hrs.	Total **14 hrs.

*Consult with your chosen transfer university/college to determine changes to this curriculum.

**Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Kinesiology Pathway

Kinesiology is the study of human movement as it applies to physical education, exercise science, and sport. Was physical education or anatomy and physiology one of your favorite classes? Were you a high school athlete or did you play sports growing up? Are you interested in fitness, physical activity, and sport? Are you considering a career in a human movement field such as physical education teacher, exercise science specialist, personal trainer, or sport administrator? If you answered yes to any of the above questions, then the Kinesiology Pathway is for you!

The growing and expanding field of kinesiology has created a diversity of career opportunities. Careers have expanded from the traditional teaching and coaching to encompass many other careers that include fitness, health, and therapy-related opportunities, as well as those in sport management and sport media.

Some specific career opportunities include:

- | | |
|---------------------------------|------------------------------|
| Physical Education Teacher | Recreation Manager |
| Coaching | Athletic Administration |
| Personal Trainer | Sports Marketing |
| Strength and Conditioning Coach | Sports Facility Manager |
| Fitness Center Manager | Sports Information Director |
| Athletic Trainer | Sports Broadcasting |
| Physical Therapy | Web Development/Social Media |
| Exercise Physiologist | Sport Psychology |

The list of career opportunities in the field of kinesiology can go on and on, and is only limited by your imagination!

Kinesiology Pathway
Exercise Science/Kinesiology
Sport Management/Administration
Sports Medicine

Academic Pathways
Kinesiology Pathway
Exercise Science/Kinesiology

First Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
College Algebra	MAT 1313	Public Speaking I	SPT/COM 1113
*General Biology I	BIO 1134	*General Biology II	BIO 1144
Pers & Comm Health	HPR 1213	General Chemistry I	CHE 1214
General Psychology	PSY 1513		
Total	16 hrs.	Total	***14 hrs.

Second Year

First Semester		Second Semester	
Anatomy & Physiology I	BIO 2514	Anatomy & Physiology II	BIO 2524
Intro to Sociology	SOC 2113	Statistics	MAT 2323
First Aid & CPR	HPR 2213	**Fine Arts Elective	3
*History Elective	3	*History Elective	3
*Elective	3	*Literature Elective	3
Total	16 hrs.	Total	16 hrs.

*Consult with your chosen transfer university/college to determine changes to this curriculum.

**ART 1113, MUS 1113, or SPT 2233

***Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Kinesiology Pathway
Sport Management/Administration

First Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
College Algebra	MAT 1313	Public Speaking I	SPT/COM 1113
General Psychology	PSY 1513	Intro to Sociology	SOC 2113
**Fine Arts Elective	3	Business Calculus	MAT 1513
*History Elective	3	*History Elective	3
Total	15 hrs.	Total	15 hrs.

Second Year

First Semester		Second Semester	
Princ of Macroeconomics	ECO 2113	Princ of Macroeconomics	ECO 2123
Princ of Accounting I	ACC 2213	Princ of Accounting II	ACC 2223
Legal Environ/Business	BAD 2413	Business Statistics	BAD 2323
*Computer Science Elective	3	OR Statistics	MAT 2323
*Natural Science w/Lab	4	*Natural Science w/Lab	4
		*Literature Elective	3
Total	16 hrs.	Total	16 hrs.

*Consult with your chosen transfer university/college to determine changes to this curriculum.

** ART 1113, MUS 1113, SPT 2233

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Kinesiology Pathway
Sports Medicine

First Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
College Algebra	MAT 1313	Trigonometry	MAT 1323
General Psychology	PSY 1513	Public Speaking I	SPT/COM 1113
General Biology I	BIO 1134	Nutrition	BIO 1613
General Chemistry I	CHE 1214	Intro to Sociology	SOC 2113
Total	17 hrs.	Total	15 hrs.

Second Year

First Semester		Second Semester	
Anatomy & Physiology I	BIO 2514	Anatomy & Physiology II	BIO 2524
General Physics I	PHY 2414	Med Term for Health Prof	BIO 1813
First Aid & CPR	HPR 2213	Intro to Athletic Training	HPR 2733
*History Elective	3	*Fine Arts Elective	3
		*Humanities Elective	3
Total	**14 hrs.	Total	16 hrs.

*Consult with your chosen transfer university/college to determine changes to this curriculum.

**Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Public Safety/Social & Behavioral Science Pathway

Students choosing the **Public Safety** pathway will learn the essential components of the criminal justice system to include law enforcement, courts, corrections and the juvenile justice system. Students will be offered extensive practical and professional knowledge that expounds upon crime, criminals, the criminal justice system and society's ability to control crime and delinquency. Careers in this pathway include: Law Enforcement Officers, State Troopers, Correctional Officers, Parole/Probation Officers, Forensic Science Technicians, Game/Fish Wardens, Crime Scene Investigators, Federal Agents.

Students choosing the **Social and Behavioral Science** pathway will gain a core understanding of human behavior and relationships, social and cultural practices throughout the world, and the complexities of human development. Careers in this pathway include: Psychologists/Counselors/Therapists, Social Workers, Sociologists, Researchers, Educators, and many more.

Public Safety/ Social & Behavioral Science Pathway
Public Safety Pathway
Criminal Justice
Forensic Science
Law/Legal Studies
Social & Behavioral Science Pathway
Psychology
Social Work/Sociology

Academic Pathways
Public Safety/Social & Behavioral Science Pathway
**Criminal Justice, Forensic Science, Law/Legal Studies,
Psychology, and Social Work/Sociology**

General Core

ENG 1113	English Composition I	3 hours
ENG 1123	English Composition II	3 hours
MAT 1313	College Algebra Or *Higher Mathematics	3 hours
SPT/COM 1113	Public Speaking I	3 hours
Fine Arts	Music/Art/Theatre Appreciation or Art History	3 hours
*Humanities		6 hours
*Natural Science with Lab		8 hours
*Social/Behavioral Science		6 hours
Total General Core Hours		35 hours

To complete the minimum of 62 hours required for graduation, at least 27 hours of electives (see prescribed pathway electives listed below) should be selected that apply toward the bachelor's degree program into which the student plans to transfer. The student should consult the Mississippi Articulation and Transfer Tool (MATT) and the catalog of the college or university offering the bachelor's degree. Failure to do so may result in taking courses that will not apply toward the chosen bachelor's degree.

*Refer to the General Education Core Course Numbers & Titles.

Academic Pathways
Public Safety/Social & Behavioral Science Pathway
Public Safety Pathway
Criminal Justice

General Core Hours 35 hours

*Recommended Courses for Humanities and Social/Behavioral Science within the 35 General Core Hours: PSY 1513 General Psychology, SOC 2113 Introduction to Sociology, History Continuous Sequence

CRJ 1313	Introduction to Criminal Justice	3 hours
CRJ 1323	Police Admin & Organization	3 hours
CRJ 1363	Introduction to Corrections	3 hours
CRJ 2513	Juvenile Justice	3 hours
PSC 1113	American National Government	3 hours
CRJ Elective		3 hours
Literature Electives		6 hours
**Social/Behavioral Science Elective		3 hours

Total 62 hours

**Social/Behavioral Science Elective: ECO 2113 Principles of Macroeconomics, ECO 2123 Principles of Microeconomics, GEO 1113 World Geography

Consult with your chosen transfer university/college to determine changes to this curriculum.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Public Safety/Social & Behavioral Science Pathway
Public Safety Pathway
Forensic Science
(Criminal Justice Emphasis)

General Core Hours 35 hours

*Recommended Courses for Humanities and Social/Behavioral Science within the 35 General Core Hours: SOC 2113 Introduction to Sociology, PSC 1113 American National Government, History Continuous Sequence

*Recommended Courses for Natural Science with Lab within the 35 General Core Hours: CHE 1214 General Chemistry I and CHE 1224 General Chemistry II

*Recommended Course for Mathematics within the 35 General Core Hours: MAT 1323 Trigonometry. Some students may need to take MAT 1313 College Algebra (if placement score requires) prior to enrolling in MAT 1323 Trigonometry.

BIO 1134/BIO 1144	General Biology I and II	8 hours
CHE 2424	Organic Chemistry I	4 hours
MAT 1613	Calculus I	3 hours
PHY 2414/PHY 2424	General Physics I and II	
	OR PHY 2514/PHY 2524 OR General Physics IA and II-A	8 hours
CRJ Elective		3 hours
Literature Electives		6 hours

Total **67 hours

**Note: Only 62 hours (including 35 General Core Hours) are required for the Associate of Arts (AA) Degree.

Consult with your chosen transfer university/college to determine changes to this curriculum.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Public Safety/Social & Behavioral Science Pathway
Public Safety Pathway
Law/Legal Studies

Law schools require a baccalaureate degree for admission but no prescribed course of study is stipulated. Students are advised to pursue an undergraduate degree which will provide a suitable alternative to acceptance into Law School. The curriculum below leads to an Associate of Arts Degree.

General Core Hours 35 hours

*Recommended Courses for Humanities and Social/Behavioral Science within the 35 General Core Hours: PSY 1513 General Psychology, SOC 2113 Introduction to Sociology, History Continuous Sequence

BAD 2413	Legal Environment of Business	3 hours
PSC 1113	American National Government	3 hours
**Foreign Language Electives		6 hours
Humanities Elective		3 hours
Philosophy Elective		3 hours
Social/Behavioral Science Electives		6 hours
Elective		3 hours

Total 62 hours

**MUW requires 12 hours of Foreign Language. 6 hours must be at 200/2000 level (depending on the college).

Consult with your chosen transfer university/college to determine changes to this curriculum.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Public Safety/Social & Behavioral Science Pathway
Social & Behavioral Science Pathway
Psychology

General Core Hours 35 hours

*Recommended Courses for Humanities and Social/Behavioral Science within the 35 General Core Hours: PSY 1513 General Psychology, SOC 2113 Introduction to Sociology; History Electives

*Recommended Courses for Natural Science with Lab within the 35 General Core Hours: BIO 1114 Principles of Biology I OR BIO1134 General Biology I; PHY 2244 Physical Science I

CSC 1113/CSC 1123	Computer Concepts Or Computer App I	3 hours
PHI 2113	Introduction to Philosophy	3 hours
**Foreign Language Electives		6 hours
Literature Electives		6 hours
Social/Behavioral Science Electives		9 hours

Total 62 hours

**Some universities may require 9 or 12 hours of Foreign Language.

Consult with your chosen transfer university/college to determine changes to this curriculum.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Public Safety/Social & Behavioral Science Pathway
Social & Behavioral Science Pathway
Social Work/Sociology

General Core Hours 35 hours

*Recommended Courses for Humanities and Social/Behavioral Science within the 35 General Core Hours: PSY 1513 General Psychology, SOC 2113 Introduction to Sociology; History Electives

*Recommended Courses for Natural Science with Lab within the 35 General Core Hours: BIO 1114/BIO 1124 Principles of Biology I and II OR BIO1134/BIO 1144 General Biology I and II

CSC 1113/CSC 1123	Computer Concepts Or Computer App I	3 hours
PHI 2113	Introduction to Philosophy	3 hours
SOC 2133	Social Problems	3 hours
**Foreign Language Electives		6 hours
Literature Electives		6 hours
Social/Behavioral Science Electives		6 hours

Total 62 hours

**Some universities may require 9 or 12 hours of Foreign Language.

Consult with your chosen transfer university/college to determine changes to this curriculum.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

STEM Pathway

Science, Technology, Engineering, & Mathematics

STEM stands for **Science, Technology, Engineering** and **Mathematics**. The **STEM** Pathway addresses the national need for more people to pursue future careers in science, technology, engineering and mathematics by providing opportunities to learn **STEM** theory and raising awareness of the high demands for **STEM** graduates in a wide variety of disciplines. These include: Physical sciences, Biological sciences, Mathematical sciences, Computer and Information sciences, Geo-sciences, Engineering, and Technology areas (such as engineering technology, information technology, biotechnology, etc.).

Science, Technology, Engineering, & Mathematics (STEM) Pathway
Engineering Pathway
Chemical/Biological/Petroleum
Civil/Mechanical/Aerospace
Electrical/Computer/Software
Science, Technology, & Mathematics Pathway
Agricultural Sciences
Agronomy
Chemistry
Computer Science
Forestry
Mathematics
Wildlife, Fisheries, & Aquaculture

Academic Pathways
Science, Technology, Engineering, & Mathematics (STEM) Pathway
 Engineering Pathway
Chemical/Biological/Petroleum Engineering

First Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
*Calculus I	MAT 1613	*Calculus II	MAT 1623
General Chemistry I	CHE 1214	General Chemistry II	CHE 1224
Fine Arts Elective	3	Public Speaking I	SPT/COM 1113
**Humanities Elective	3	Social/Behavioral Science	3
Total	16 hrs.	Total	16 hrs.

Second Year

First Semester		Second Semester	
Calculus III	MAT 2613	Calculus IV	MAT 2623
Engineer Mechanics I	EGR 2413	Differential Equations	MAT 2913
General Physics I-A	PHY 2514	General Physics II-A	PHY 2524
Organic Chemistry	CHE 2424	Social/Behavioral Science	3
***Elective	3/4	***Elective	3/4
**Humanities Elective	3		
Total	20/21 hrs.	Total	16/17 hrs.

**Consult with your chosen transfer university/college to determine changes to this curriculum.

*Students are strongly advised to take MAT 1323 Trigonometry prior to enrolling in the calculus sequence or prior to enrolling in MAT 1623 Calculus II.

***Suggested Elective Courses:

- BIO 1134 - General Biology I
- CHE 2434 - Organic Chemistry II
- EGR 2433 - Engineering Mechanics II
- MAT 2113 - Introduction to Linear Algebra

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Science, Technology, Engineering, & Mathematics (STEM) Pathway
 Engineering Pathway
Civil/Mechanical/Aerospace Engineering

First Year

First Semester	Second Semester
English Composition I ENG 1113	English Composition II ENG 1123
*Calculus I MAT 1613	*Calculus II MAT 1623
General Chemistry I CHE 1214	General Chemistry II CHE 1224
Fine Arts Electives 3	Public Speaking I SPT/COM 1113
**Humanities Elective 3	**Humanities Elective 3
Total 16 hrs.	Total 16 hrs.

Second Year

First Semester	Second Semester
Calculus III MAT 2613	Calculus IV MAT 2623
General Physics I-A PHY 2514	General Physics II-A PHY 2524
Engineer Mechanics I EGR 2413	Engineer Mechanics II EGR 2433
***Elective 3	Differential Equations MAT 2913
Social/Behavioral Science 3	Social/Behavioral Science 3
Total 16 hrs.	Total 16 hrs.

**Consult with your chosen transfer university/college to determine changes to this curriculum.

*Students are strongly advised to take MAT 1323 Trigonometry prior to enrolling in the calculus sequence or prior to enrolling in MAT 1623 Calculus II.

***Suggested Elective Courses:

GRA 1143 - Graphic Communications

MAT 2113 - Introduction to Linear Algebra

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Science, Technology, Engineering, & Mathematics (STEM) Pathway
Science, Technology, and Mathematics Pathway
Agricultural Sciences

First Year

First Semester	Second Semester
English Composition I ENG 1113	English Composition II ENG 1123
College Algebra MAT 1313	Public Speaking I SPT/COM 1113
General Biology I BIO 1134	General Biology II BIO 1144
Plant Science AGR 1313	*Mathematics Elective 3
Fine Arts Elective 3	***Humanities Elective 3
 Total 16 hrs.	 Total 16 hrs.

Second Year

First Semester	Second Semester
General Chemistry I CHE 1214	General Chemistry II CHE 1224
Princ of Accounting I ACC 2213	Princ of Accounting II ACC 2223
Animal Science AGR 1214	Princ of Ag Economics AGR 2713
Princ of Macroeconomics ECO 2113	Social/Behavioral Science 3
OR Princ of Microeconomics ECO 2123	**Elective 3
***Humanities Elective 3	
 Total 17 hrs.	 Total 16 hrs.

***Consult with your chosen transfer university/college to determine changes to this curriculum.

*Mathematics Electives:

MAT 1323 Trigonometry, MAT 1513 Business Calculus, MAT 1613 Calculus I, MAT 1623 Calculus II, MAT 2323 Statistics

**Choose Elective based on concentration.

Because of the large number of majors available in agriculture, it is difficult to suggest the exact courses for the sophomore year. However, if you desire to receive an Associate of Arts degree in Agriculture the courses listed under **Second Year** are recommended.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Science, Technology, Engineering, & Mathematics (STEM) Pathway
Science, Technology, and Mathematics Pathway

Agronomy
(Soil Science, Crop Management, Turf Management)

First Year

First Semester	Second Semester		
English Composition I	ENG 1113	English Composition II	ENG 1123
Trigonometry	MAT 1323	*Fine Arts Elective	3
General Biology I	BIO 1134	General Biology II	BIO 1144
General Chemistry I	CHE 1214	General Chemistry II	CHE 1224
Spanish I	MFL 1213	Spanish II	MFL 1223
 Total	 17 hrs.	 Total	 17 hrs.

Second Year

First Semester	Second Semester		
Organic Chemistry I	CHE 2424	Microbiology	BIO 2924
General Physics I	PHY 2414	Public Speaking I	SPT/COM 1113
Princ of Accounting I	ACC 2213	Princ of Accounting II	ACC 2223
Princ of Macroeconomics	ECO 2113	Princ of Microeconomics	ECO 2123
Plant Science	AGR 1313	**Elective	3
 Total	 17 hrs.	 Total	 16 hrs.

Consult with your chosen transfer university/college to determine changes to this curriculum.

*ART 1113, MUS 1113, or SPT 2233

**Choose Elective based on concentration:

Soil Science: MAT 1613 Calculus I

Crop Management: MAT 1613 Calculus I or MAT/BAD 2323 Statistics/
Business Statistics

Turf Management: HPR 2213 First Aid & CPR, MAT/BAD 2323 Statistics/
Business Statistics, or SPT 2173 Interpersonal Communication

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Science, Technology, Engineering, & Mathematics (STEM) Pathway
Science, Technology, and Mathematics Pathway
Chemistry

First Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
Trigonometry	MAT 1323	Public Speaking I	SPT/COM 1113
General Chemistry I	CHE 1214	General Chemistry II	CHE 1224
*Literature Elective	3	Calculus I	MAT 1613
*Social/Behavioral Science	3	General Psychology	PSY 1513
Total	16 hrs.	Total	16 hrs.

Second Year

First Semester		Second Semester	
Organic Chemistry I	CHE 2424	Organic Chemistry II	CHE 2434
General Physics I-A	PHY 2514	General Physics II-A	PHY 2524
*Fine Arts Elective	3	Calculus II	MAT 1623
*Elective	3	*Elective	3
*History Elective	3		
Total	17 hrs.	Total	**14 hrs.

*Consult with your chosen transfer university/college to determine changes to this curriculum.

**Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Science, Technology, Engineering, & Mathematics (STEM) Pathway
Science, Technology, and Mathematics Pathway
Computer Science

First Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
*Calculus I	MAT 1613	Calculus II	MAT 1623
Public Speaking I	SPT/COM 1113	General Chemistry I	CHE 1214
General Biology I	BIO 1134	Computer Program I	CSC 1613
**History Elective	3	**History Elective	3
Total	16 hrs.	Total	16 hrs.

Second Year

First Semester		Second Semester	
Calculus III	MAT 2613	Intro to Linear Algebra	MAT 2113
General Physics I-A	PHY 2514	General Physics II-A	PHY 2524
Computer Program II	CSC 2623	***Fine Arts Elective	3
**Social/Behavioral Science	3	**Social/Behavioral Science	3
**Literature Elective	3	**Literature Elective	3
Total	16 hrs.	Total	16 hrs.

Consult with your chosen transfer university/college to determine changes to this curriculum.

*Students are strongly advised to take MAT 1323 Trigonometry prior to enrolling in the calculus sequence.

**The student must consult the catalog of his/her chosen university concerning the number of hours in each area and the sequence to follow.

**Social/Behavioral Science Electives:

ECO 2113, ECO 2123, GEO 1113, PSC 1113, PSY 1513, SOC 2113

**Literature Electives:

ENG 2223, ENG 2233, ENG 2323, ENG 2333

**History Electives:

HIS 1113, HIS 1123, HIS 1163, HIS 1173, HIS 2213, HIS 2223

***ART 1113, MUS 1113, or SPT 2233

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Science, Technology, Engineering, & Mathematics (STEM) Pathway
Science, Technology, and Mathematics Pathway
Forestry

First Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
College Algebra	MAT 1313	Trigonometry	MAT 1323
General Biology I	BIO 1134	General Biology II	BIO 1144
Fine Arts Elective	3	Public Speaking I	SPT/COM 1113
*Humanities Elective	3	*Humanities Elective	3
Total	16 hrs.	Total	16 hrs.

Second Year

First Semester		Second Semester	
Business Calculus I	MAT 1513	Statistics	MAT 2323
General Physics I	PHY 2414	Basic Soils	AGR 2314
General Chemistry I	CHE 1214	General Chemistry II	CHE 1224
Princ of Macroeconomics	ECO 2113	Princ of Microeconomics	ECO 2123
Princ of Accounting I	ACC 2213	**Elective	3
Total	17 hrs.	Total	17 hrs.

*Consult with your chosen transfer university/college to determine changes to this curriculum.

**Choose Elective based on Concentration: ACC 2223, BAD 2413, or PSC 1113

The Forestry major at Mississippi State University consists of five concentrations: Environmental Conservation, Forest Management, Forest Products, Urban Forestry, and Wildlife Management.

Forestry majors are encouraged to enter the Forestry Major at MSU by Spring semester of their sophomore year to complete their academic programs in the normal four-year period of study. If you desire to receive an Associate of Arts degree in Forestry, the courses listed under **Second Year** are recommended.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Science, Technology, Engineering, & Mathematics (STEM) Pathway
Science, Technology, and Mathematics Pathway

Mathematics
(Non-Education Major)

First Year

First Semester	Second Semester
English Composition I ENG 1113	English Composition II ENG 1123
*Calculus I MAT 1613	*Calculus II MAT 1623
***Fine Arts Elective 3	Computer Program I CSC 1613
***History or Literature Elective 3	***History or Literature Elective 3
**Natural Science w/Lab 4	**Natural Science w/Lab 4
 Total 16 hrs.	 Total 16 hrs.

Second Year

First Semester	Second Semester
General Psychology PSY 1513	Intro to Sociology SOC 2113
Calculus III MAT 2613	Calculus IV MAT 2623
***Intro to Linear Algebra MAT 2113	***Differential Equations MAT 2913
General Physics I-A PHY 2514	General Physics II-A PHY 2524
Public Speaking I SPT/COM 1113	***Elective 1
 Total 16 hrs.	 Total ****14 hrs.

***Consult with your chosen transfer university/college to determine changes to this curriculum.

*Some students may need to take MAT 1313 College Algebra and MAT 1323 Trigonometry (if placement score requires) prior to enrolling in MAT 1613 Calculus I. These students are advised to take these courses in the summer before their freshman year in order to complete the Calculus sequence before transferring.

**BIO 1134 & 1144 or CHE 1214 & 1224

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Academic Pathways
Science, Technology, Engineering, & Mathematics (STEM) Pathway
Science, Technology, and Mathematics Pathway
Wildlife, Fisheries, and Aquaculture

First Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
College Algebra	MAT 1313	Trigonometry	MAT 1323
General Biology I	BIO 1134	General Biology II	BIO 1144
Fine Arts Elective	3	Public Speaking I	SPT/COM 1113
*Humanities Elective	3	*Humanities Elective	3
 Total	 16 hrs.	 Total	 16 hrs.

Second Year

First Semester		Second Semester	
Business Calculus I	MAT 1513	Statistics	MAT 2323
Introduction to Ethics	PHI 2143	Basic Soils	AGR 2314
General Chemistry I	CHE 1214	General Chemistry II	CHE 1224
General Physics I	PHY 2414	**Social/Behavioral Science	3
Princ of Macroeconomics	ECO 2113	***Elective	3
OR Princ of Microeconomics	ECO 2123		
 Total	 17 hrs.	 Total	 17 hrs.

*Consult with your chosen transfer university/college to determine changes to this curriculum.

**PSY 1513 or SOC 2113

***Choose Elective based on Concentration: PSY 1513, SOC 2113, or CRJ 1383

The Wildlife, Fisheries, and Aquaculture major at Mississippi State University consists of six concentrations: Wildlife, Fisheries and Aquaculture Science, Conservation Law Enforcement, Wildlife Veterinary Medicine, Wildlife Pre-Veterinary Medicine, Wildlife Agriculture Conservation, and Human-Wildlife Conflicts.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.