



Holmes Community College

DISTRICT BULLETIN

2025-2026

100 YEARS OF EXCELLENCE

Amendment Number II Part B to the 2025-2026 HCC Bulletin

Effective Fall 2026

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Revise Health Sciences Pathway Chart

Health Sciences Pathway
Biochemistry
Biological Science
Dental Hygiene
Health Sciences
Medical Laboratory Science
Nursing
Pharmaceutical Sciences
Radiologic Sciences
Speech Pathology/Communicative Sciences
Sports Medicine
Veterinary Medical Technology

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Add Health Sciences Pathway General Core Page

Health Sciences Pathway
**Biochemistry, Biological Science, Dental Hygiene,
 Health Sciences, Medical Laboratory Science, Nursing, Pharmaceutical Sciences,
 Radiologic Sciences,
 Speech Pathology/Communicative Sciences,
 Sports Medicine, and Veterinary Medical Technology**

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.

**Health Sciences Pathway
Biochemistry**

The curriculum below leads to an Associate of Arts Degree. Continuing towards a Bachelor of Science in Biochemistry can prepare students for graduate and professional studies in:

- Dental (Doctor of Medicine in Dentistry)
- **Veterinary (Doctor of Veterinary Medicine)
- Medical (Doctor of Medicine)

Graduate and professional schools require a bachelor's degree for admissions. Consult with your chosen transfer university/college to determine if online classes can satisfy pre-requisites.

General Core Hours

35 hours

*Recommended Course for MAT within the 35 General Core Hours: MAT 1613 Calculus I. 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.

*Recommended Courses for Natural Science with Lab within the 35 General Core Hours: BIO 1134 General Biology I and BIO 1144 General Biology II

CHE 1214/CHE 1224	General Chemistry I and II	8 hours
CHE 2424/CHE 2434	Organic Chemistry I and II	8 hours
MAT 1623	Calculus II	3 hours
MAT 2323	Statistics	3 hours
PHY 2414/2424	General Physics I and II	8 hours

Total

***65 hours

**BIO 2924 Microbiology is recommended for Veterinary studies.

***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.

**Health Sciences Pathway
Biological Science**

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: ECO 2113 Principles of Macroeconomics, ECO 2123 Principles of Microeconomics, PSC 1113 American National Government, PSC 2113 Comparative Government, PSY 1513 General Psychology, SOC 2113 Introduction to Sociology, or SOC 2213 Introduction to Anthropology, History Sequence

*Recommended Courses for Natural Science with Lab within the 35 General Core Hours: BIO 1134 General Biology I and BIO 1144 General Biology II

CHE 1214/CHE 1224	General Chemistry I and II	8 hours
CHE 2424/CHE 2434	Organic Chemistry I and II	8 hours
MAT 1323	Trigonometry	3 hours
MAT 1613	Calculus I	3 hours
Literature Elective		6 hours
Total		63 hours

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.

**Health Sciences Pathway
Dental Hygiene**

The curriculum below leads to an Associate of Arts Degree, and is designed to meet the admission requirements to the Bachelor of Science in Dental Hygiene 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 limited class size with competitive admissions. Students should start the application process early in their sophomore year. A minimum of 60 transferable hours with at least 2.5 GPA on a 4.0 scale, a grade of C or higher is required on each course to be transferred, and 8 hours of observation of a licensed or registered dental hygienist in two separate clinical environments.

Per UMMC, effective Fall 2025, online science courses will no longer be accepted to satisfy pre-requisites for the Dental Hygiene program.

General Core Hours 35 hours

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

*Recommended Courses for Natural Science with Lab within the 35 General Core Hours: BIO 1134 General Biology I and BIO 2924 Microbiology

BIO 1613	Nutrition	3 hours
BIO 1813	Med Term for Health Professions	3 hours
BIO 2514/BIO 2524	Anatomy and Physiology I and II	8 hours
CHE 1214/CHE 1224	General Chemistry I and II	8 hours
EPY/PSY 2513	Child Psychology	
Or EPY/PSY 2523	Or Adolescent Psychology	
Or EPY/PSY 2533	Or Human Growth & Development	3 hours
Elective		3 hours
Total		63 hours

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.

Health Sciences Pathway
Health Sciences

The curriculum below leads to an Associate of Arts Degree.

General Core Hours

35 hours

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

*Recommended Courses for Natural Science with Lab within the 35 General Core Hours: BIO 1134 General Biology I and BIO 2924 Microbiology

BIO 1813	Med Term for Health Professions	3 hours
BIO 2514/BIO 2524	Anatomy and Physiology I and II	8 hours
CHE 1214/CHE 1224	General Chemistry I and II	8 hours
ECO 2113	Principles of Macroeconomics	3 hours
MAT 1323	Trigonometry	3 hours
**Natural Science w/Lab		4 hours

Total

64 hours

**Natural Science Elective: BIO 1144 General Biology II, BIO 2414 Zoology I, PHY 2244 Physical Science I, PHY 2254 Physical Science II, PHY 2414 General Physics I

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.

Students interested in Health Sciences have the following options available at Holmes Community College in the Career Technical Health Science Program Pathways.

- Emergency Medical Sciences
- Health Care Assistant
- Massage therapy (Refer to program for Minimum ACT Composite Score requirement)
- Occupational Therapy Assistant Technology (Refer to program for Minimum ACT Composite Score requirement)
- Physical Therapist Assistant (Refer to program for Minimum ACT Composite Score requirement)
- Surgical Technology (Refer to program for Minimum ACT Composite Score requirement)

Consult the College Bulletin for application and admission requirements for these programs.

Health Sciences Pathway
Medical Laboratory Science

The curriculum below leads to an Associate of Arts Degree, and is designed to meet the admission requirements to the Bachelor of Science in Medical Laboratory Science at the University of Mississippi Medical Center and the University of Southern Mississippi. This program has limited class size with competitive admissions. Students should start the application process early in their sophomore year.

General Core Hours 35 hours

*Recommended Courses for Natural Science with Lab within the 35 General Core Hours: BIO 1134 General Biology I and BIO 1144 General Biology II

BIO 2514/BIO 2524	Anatomy and Physiology I and II	8 hours
BIO 2924	Microbiology	4 hours
CHE 1214/CHE 1224	General Chemistry I and II	8 hours
CHE 2424	Organic Chemistry I	4 hours
MAT 1323	Trigonometry	3 hours

Total 62 hours

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.

Health Sciences Pathway
Radiologic Sciences

The curriculum below leads to an Associate of Arts Degree, and is designed to meet the admission requirements to the Bachelor of Science in Radiologic Sciences 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 limited class size with competitive admissions. Students should start the application process early in their sophomore year. A minimum of 60 transferable hours with at least 2.5 GPA on a 4.0 scale, and a grade of C or higher is required on each course to be transferred.

General Core Hours

35 hours

*Recommended Courses for Natural Science with Lab within the 35 General Core Hours: BIO 1134 General Biology I and CHE 1214 General Chemistry I

BIO 1813	Med Term for Health Professions	3 hours
BIO 2514/BIO 2524	Anatomy and Physiology I and II	8 hours
CHE 1224	General Chemistry II	4 hours
CSC 1123	Computer Applications I	3 hours
HPR 2213	First Aid and CPR	3 hours
MAT 1323	Trigonometry	3 hours
PHY 2414	General Physics I	4 hours

Total

63 hours

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.

Health Sciences Pathway
Speech Pathology/Communicative Sciences

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 and SOC 2113 Introduction to Sociology, History Sequence

*Recommended Courses for Natural Science with Lab within the 35 General Core Hours: BIO 1134 General Biology I and BIO 1144 General Biology II

BIO 2514/BIO 2524	Anatomy and Physiology I and II	8 hours
MAT 2323	Statistics	3 hours
Humanities Elective		3 hours
Literature Elective		3 hours
**Foreign Language (Continuous)		9 hours
***Natural Science w/Lab		4 hours

Total ****65 hours

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

***Natural Science Elective: CHE 1214 General Chemistry I, PHY 2244 Physical Science I, PHY 2254 Physical Science II, PHY 2414 General Physics I

****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.

**Health Sciences Pathway
Nursing**

The curriculum below leads to an Associate of Arts Degree, and is designed to meet the possible prerequisites for admission requirements to the Bachelor of Science in Nursing. Students must complete all admission requirements before transferring. All Schools of Nursing have limited class size with competitive admissions. Students should start the application process early in their sophomore year. Students should consult their chosen transfer university for ACT and GPA requirements.

General Core Hours 35 hours

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

*Recommended Courses for Natural Science with Lab within the 35 General Core Hours: BIO 1134 General Biology I and CHE 1214 General Chemistry I

BIO 1613	Nutrition	3 hours
BIO 2514/BIO 2524	Anatomy and Physiology I and II	8 hours
BIO 2924	Microbiology	4 hours
CSC 1123	Computer Applications I	3 hours
EPY/PSY 2533	Human Growth & Development	3 hours
MAT 2323/BAD 2323	Statistics Or Business Statistics	3 hours
SOC 2143	Marriage and Family	3 hours
Literature Elective		3 hours

Total **65 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.

Students interested in nursing have the following options available at Holmes Community College in the Career Technical Health Science Program Pathways.

- Associate Degree Nursing Program (RN) (Refer to program for Minimum ACT Composite Score requirement)
- Practical Nursing Program (PN) (Refer to program for Minimum ACT Composite Score requirement)

Consult the College Bulletin for application and admission requirements for the ADN and PN programs.

Health Sciences Pathway
Pharmaceutical Sciences

The curriculum below leads to an Associate of Arts Degree, and is designed to meet the admission requirements to the Bachelor of Science in Pharmaceutical Sciences (Pre-Pharmacy) and the 2+4 Pharmacy Program at the University of Mississippi. This program has limited class size with competitive admissions. Students should start the application process early in their sophomore year.

General Core Hours 35 hours

*Recommended Course for MAT within the 35 General Core Hours: MAT 1613 Calculus I. 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.

*Recommended Courses for Natural Science with Lab within the 35 General Core Hours: BIO 1134 General Biology I and BIO 1144 General Biology II

BIO 2514/BIO 2524	Anatomy and Physiology I and II	8 hours
BIO 2924	Microbiology	4 hours
CHE 1214/CHE 1224	General Chemistry I and II	8 hours
CHE 2424/CHE 2434	Organic Chemistry I and II	8 hours
MAT 2323	Statistics	3 hours

Total **66 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.

Health Sciences Pathway
Veterinary Medical Technology

The curriculum below leads to an Associate of Arts Degree, and is designed to meet possible prerequisites for admission requirements to the Bachelor of Science in Veterinary Medical Technology at Mississippi State University.

General Core Hours 35 hours

*Recommended Courses for Natural Science with Lab within the 35 General Core Hours: BIO 1134 General Biology I and BIO 1144 General Biology II

AGR 1214	Animal Science	4 hours
BIO 1813	Med Term for Health Professions	3 hours
BIO 2924	Microbiology	4 hours
CHE 1214/CHE 1224	General Chemistry I and II	8 hours
MAT 1323	Trigonometry	3 hours
MAT 2323	Statistics	3 hours
Elective		3 hours
Total		63 hours

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.

Kinesiology Pathway
Exercise Science/Kinesiology
Sport Management/Administration

Kinesiology Pathway
**Exercise Science/Kinesiology and
 Sport Management/Administration**

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.

Health Sciences Pathway
Sports Medicine

The curriculum below leads to an Associate of Arts Degree. Continuing towards a Bachelor of Science in Sports Medicine can prepare students for graduate and professional studies in:

- Athletic Training (Master of Science in Athletic Training)
• Occupational Therapy (Doctor of Occupational Therapy)
• Physical Therapy (Doctor of Physical Therapy)
• **Physician Associate/Assistant (Master of Physician Assistant Studies or Master of Science in Medicine – Physician Assistant)

Graduate and professional schools require a bachelor’s degree for admissions. Consult with your chosen transfer university/college to determine if online classes can satisfy pre-requisites.

General Core Hours 35 hours

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

*Recommended Courses for Natural Science with Lab within the 35 General Core Hours: BIO 1134 General Biology I and CHE 1214 General Chemistry I

Table with 3 columns: Course ID, Course Name, and Hours. Rows include BIO 1613 Nutrition (3 hours), BIO 1813 Med Term for Health Professions (3 hours), BIO 2514/BIO 2524 Anatomy and Physiology I and II (8 hours), HPR 2213 First Aid and CPR (3 hours), HPR 2733 Intro to Athletic Training (3 hours), MAT 1323 Trigonometry (3 hours), and PHY 2414 General Physics I (4 hours).

Total 62 hours

**BIO 2924 Microbiology is recommended for Physician Associate/ Assistant studies.

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.

I certify the above amendment is true and correct in content and in policy.

Jenny Jones (handwritten signature)

Dr. Jenny Jones, Vice President for Academic Programs

11/20/2025