

Bachelor of Science (B.S.) Allied Health Sciences

2024 - 2025
Catalog Year

Emphasis: **Histotechnology**

*Admission Application Required

1 st Year ~ Fall		Credits	1 st Year ~ Winter		Credits
AHS 110: Introduction to Health Care		3	³ BMS 208: Human Anatomy		3
¹ BIO 120: General Biology I <small>GE Life Science</small>		4	CHM 231: Introductory Organic Chemistry		4
CHM 109: Introductory Chemistry <small>GE Physical Science</small>		4	MLS 102: Intro. to Medical Lab Science <small>(winter only)</small>		1
² MTH 110: Algebra <small>Prerequisite to STA 215 & PHY 200</small>		4	⁴ WRT 150: Strategies in Writing <small>GE WRT</small>		4
			General Education Course <small>Art</small>		3
Total Credit Hours		15	Total Credit Hours		15
2 nd Year ~ Fall		Credits	2 nd Year ~ Winter		Credits
AHS 100: Medical Terminology		3	BMS 212: Introductory Microbiology		3
BIO 355: Human Genetics		3	BMS 213: Laboratory in Microbiology		1
³ BMS 290: Human Physiology		3	³ BMS 391: Laboratory in Human Physiology		2
CHM 232: Biological Chemistry		4	General Education Course <small>Philosophy & Literature</small>		3
General Education Course <small>Social & Behavioral Sciences</small>		3	General Education Course <small>Historical Analysis</small>		3
			General Education Course <small>Social & Behavioral Sciences</small>		3
Total Credit Hours		16	Total Credit Hours		15
3 rd Year ~ Fall		Credits	3 rd Year ~ Winter (apply to Beaumont)*		Credits
AHS 321: Ethic. & Legal Responsibilities in Health Care <small>SWS</small>		3	⁵ AHS 301: Introduction to Health Care Research		3
BMS 410: Immunology		3	AHS 340: Health Care Management <small>GE Issues</small>		3
PHY 200: Physics for Life Sciences		4	MLS 340: Hematology I		2
STA 215: Introductory Applied Statistics <small>GE Math</small>		3	MLS 341: Clinical Hematology Laboratory		1
General Education Course <small>U.S. Diversity</small>		3	General Education Course <small>Global Perspectives</small>		3
			General Education Course <small>Issues</small>		3
Total Credit Hours		16	Total Credit Hours		15
3rd Year ~ Spring/Summer					Credits
BMS 310: Basic Pathophysiology				Total Credit Hours	3
4 th Year ~ Aug. – Dec.		Credits	4 th Year ~ Jan. – Mar.		Credits
⁶ AHS 490: Health Care Internship Internship at Beaumont Hospital (Lecture/Labs)		12	⁶ AHS 490: Health Care Internship Internship at Beaumont Hospital (Lecture/Labs)		12
Total Credit Hours		12	Total Credit Hours		12
4 th Year ~ Apr. – Aug.		Credits			

Curriculum Notes

* See reverse side for secondary admission requirements.

¹ BIO 180 (fall) & BIO 280 (winter) stretch or CMB 155 (lec) & 156 (lab) may be taken in place of BIO 120.

² MTH 108 and MTH 109 may be taken in place of MTH 110.

³ BMS 250 and 251 may be taken in place of BMS 208, 290 and 391.

⁴ WRT 120 & WRT 130 may be taken in place of WRT 150. ("C" or better is required in WRT 130 or WRT 150)

⁵ PSY 300 (SWS) may be used in place of AHS 301. AHS 301 is NOT an SWS.

⁶ Beaumont Hospital requires all students to carry health insurance and agree to drug/nicotine screening prior to start of internships.

Special Notes:

- This is a suggested curriculum guide and might not be applicable to every student.
- Courses that include 'GE' are required classes that are in the major **AND** fulfill a General Education requirement.
- Two (2) Supplemental Writing Skills (SWS) courses are required: 1 in your major and 1 from another GVSU department.
- Student must have a **minimum of 120 credits** to graduate with **58 of the 120 credits** being from a senior level institution and the **final 30 of the 120 credits** completed at GVSU.
- For more information visit our websites at www.gvsu.edu/chpps or the AHS website at www.gvsu.edu/ahs

Application Process for Histotechnologist Program at Beaumont Hospital

Application Information

Grand Valley State University students interested in completing the Histotechnologist program at Beaumont Hospital must complete the secondary admission process below. Students may apply as early as their sophomore year, however admitted students will not be eligible to start the program until after all other bachelor degree requirements are completed typically at the start of their senior year. Beaumont Hospital **application deadline is April 15th** and the program begins at Beaumont in September.

Admission Prerequisites

All interested applicants are encouraged to apply, however a cumulative and math/science grade point average of 3.0 is preferred. The courses preferably should have been taken within the last seven years. Courses may be in progress at the time of application.

Required Courses

- ✓ General Chemistry w/ Lab
- ✓ Organic Chemistry w/ Lab
- ✓ Anatomy
- ✓ Physiology
- ✓ Microbiology
- ✓ Cell & Molecular Biology
- ✓ Intermediate Algebra
- ✓ Physics

Strongly Recommended Courses

- Biochemistry w/ Lab
- Genetic
- Hematology
- Histology w/ Lab
- Immunology
- Statistics

Application Requirements.

The application consists of the following components, all of which must be completed and submitted by **April 15th**. All required documents listed below are available on the Beaumont Hospital Histotechnologist program website at:

<http://www.beaumont.edu/education/schools-of-allied-health/histotechnologist/histotechnologist-application-process/>

- ✓ Beaumont Hospital Histotechnology Application Packet (\$40 application fee)
- ✓ Official transcripts from all colleges and universities attended
- ✓ Three *Official Letters of Recommendation" on forms provided in the Application Packet
 - Two (2) from science instructors/advisors
 - One (1) from a supervisor
- ✓ Academic Course Plan
- ✓ Personal Statement

Once all application materials have been received, the applicant will be contacted by Beaumont Hospital to schedule a personal on-site interview. Prior to the interview, the student must read the information contained within the Pre-interview Mandatory Education and download the tests and signature sheets. The student should bring the completed tests and signature sheets with them to the interview. The interview will not take place without these forms.

Admission is competitive, and is based on number and types of science courses taken, grades, recommendations, statement of career goals, types of job(s), interview, etc.

For additional information on the histotechnologist program, contact:

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Students are encouraged to connect with the program director to set-up a site visit at Beaumont Hospital prior to application.