

HEALTH SCIENCES

Healthcare Careers Preparation Option*

A.S. Degree**

¹ Students with English Proficiency Index (EPI) of 0-49 enroll in corequisite course ENG 100. Students with EPI of 50-64 enroll in corequisite course ENG 110. Students with EPI of at least 65 (or other English proficiency qualification) enroll in ENG 111. Students with ESL need should take appropriate ESL course/s (Sequence: ESL 01 > 02 > 03 > 09) before enrolling in ENG 110.

² Students with Math Proficiency Index (MPI) of 0-59 enroll in corequisite course MTH 23.5 OR MTH 28.5. Students with MPI of 39 or lower are strongly encouraged to enroll in Math Start/CUNY Start. Students with Nursing intent are strongly advised to take MTH 23 OR 23.5 to fulfill Required Core B. Students interested in Radiologic Technology, Nuclear Medicine Technology, and Medical Laboratory Technician should take MTH 28 OR 28.5.

³ See second page for the complete list of Healthcare Careers Preparation Major Requirement courses.

⁴ It is highly recommended that students take FYS 11 in their first or second semester prior to earning 24 credits. Students transferring into the program with 24 or more degree or equated credits will be exempt from FYS 11 and must take one credit of elective to satisfy this requirement.

⁵ Students in Healthcare Careers Preparation Option with Nursing, Radiologic Technology, or Nuclear Medicine Technology intent should take BIO 23 Human Anatomy and Physiology I. Healthcare Careers Preparation students with Medical Laboratory Technician intent should take BIO 11 General Biology I. Note: This program has received a waiver to mandate specific STEM courses in Required Core C.

⁶ Students must complete five Flexible Core courses. One from each of the five Flexible Core areas A-E, and an additional course from any of the Flexible Core areas A-E. See [Common Core Pathways course listing](#). Note: This program has received a waiver to mandate specific STEM courses in Flexible Core E.

*Nursing intent students must complete all pre-clinical courses with a cumulative 2.70 GPA. This includes a minimum grade of "C" or better in COMM 11, ENG 100/110/111, and PSY 11; as well as a "C" or better in BIO 23 and PHM 10. These courses can only be repeated once (as a Nursing major) to achieve the required minimum grade.

**Note: In order to graduate, students must meet all requirements, including, completing all required courses with appropriate grades, completing two writing intensive courses, and earning a minimum GPA of 2.0, and [applying for graduation](#).

SEMESTER I Freshman	Prerequisite/Corequisite	Credits
<input type="checkbox"/> Required Core A: English Composition I - ENG 100 Integrated Reading and Writing OR ENG 110 Fundamentals of Writing and Rhetoric OR ENG 111 Writing and Rhetoric ¹	See footnote ¹	3
<input type="checkbox"/> Required Core B: MTH 23 Probability and Statistics OR MTH 23.5 Probability and Statistics with Algebra ² OR MTH 28 College Algebra and Elementary Trigonometry OR MTH 28.5 College Algebra and Elementary Trigonometry Corequisite ²	See footnote ²	3
<input type="checkbox"/> Major Requirement: HCM 11 The U.S. Health Care Delivery System ³	None	3
<input type="checkbox"/> Major Requirement: FYS 11 First Year Seminar ^{3,4}	None	1
<input type="checkbox"/> Healthcare Careers Preparation Option: CHM 17 Fundamentals of General Chemistry ³	Prerequisites: CUNY English Proficiency; or ENG 100 or 110 if required; and CUNY Math Proficiency; or MTH 23.5 or 28.5, if required	4
Subtotal:		14

SEMESTER II Freshman	Prerequisite/Corequisite	Credits
<input type="checkbox"/> Required Core A: ENG 112 Composition and Rhetoric II OR ENG 113 Writing About Literature OR ENG 114 Written Composition and Prose Fiction OR ENG 115 Written Composition and Drama OR ENG 116 Written Composition and Poetry	Prerequisite: ENG 100, ENG 110, or ENG 111	3
<input type="checkbox"/> Required Core C: BIO 11 General Biology I ⁵ OR BIO 23 Human Anatomy and Physiology I ⁵	Prerequisites: CUNY English Proficiency or ENG 100 or 110 if required; and CUNY Math Proficiency; or MTH 23.5 or 28.5, if required	4
<input type="checkbox"/> Additional Flexible Core A-E: PSY 11 Introduction to Psychology ⁶	Corequisite: ENG 110, if required	3
<input type="checkbox"/> Flexible Core D: COMM 11 Fundamentals of Interpersonal Communication ⁶	Corequisite: ENG 110, if required	3
<input type="checkbox"/> Healthcare Careers Preparation Option: PHM 10 Pharmacology Computations ³	Prerequisite: CUNY Math Proficiency or MTH 23.5, if required	2
Subtotal:		15

SEMESTER III Sophomore	Prerequisite/Corequisite	Credits
<input type="checkbox"/> Flexible Core A: SOC 11 Introduction to Sociology ⁶	Corequisite: ENG 110, if required	3
<input type="checkbox"/> Flexible Core B: Select a course in Flexible Core Area B ⁶	See catalog	3
<input type="checkbox"/> Flexible Core E: BIO 12 General Biology II ⁶ OR BIO 24 Human Anatomy and Physiology II ⁶	Prerequisite: BIO 11/23	4
<input type="checkbox"/> Major Requirement: HLT 91 Critical Issues in Health ³	Corequisite: ENG 100, if required	2
<input type="checkbox"/> Major Requirement: PEA 51 Stress Management ³	Corequisite: ENG 100, if required	2
<input type="checkbox"/> Major Requirement: PEA Physical Education ³	None	1
Subtotal:		15

SEMESTER IV Sophomore	Prerequisite/Corequisite	Credits
<input type="checkbox"/> Flexible Core C: ART 11 Intro to Art History ⁶ OR MUS 11 Introduction to Music ⁶	Corequisite: ENG 100 or 110, if required	3
<input type="checkbox"/> Major Requirement: CPR 10 Cardiopulmonary Resuscitation ³	None	1
<input type="checkbox"/> Major Requirement: HLT 94 Human Nutrition ³	HLT 91 and/or permission of instructor	3
<input type="checkbox"/> Healthcare Careers Preparation Option: BIO 28 Microbiology and Infection Control ³	Prerequisites: BIO 11 and BIO 12 or BIO 23 and BIO 24	4
<input type="checkbox"/> Healthcare Careers Preparation Option: EKG 78 EKG – Interpretation & Techniques ³	BIO 24 and permission of the Program Director	2
<input type="checkbox"/> Healthcare Careers Preparation Option: PSY 40 Life Span Development ³	Prerequisite: PSY 11	3
Subtotal:		16

TOTAL: 60

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Major Requirements (13-14 Credits)

Courses	Credits	Prerequisites/Corequisites
HCM 11 The U.S. Health Care Delivery System	3	None
HLT 91 Critical Issues in Health	2	Corequisite: ENG 100, if required
CPR 10 Cardiopulmonary Resuscitation	1	None
FYS 11 First Year Seminar	1	None
Select 2 of the following in consultation with advisor		
HLT 94 Human Nutrition	3	Prerequisite: HLT 91 and/or permission of instructor
HLT 101 Introduction to Public Health	3	Prerequisite: HLT 91
LAW 45 Medical Law	3	Corequisite: ENG 110, if required
PSY 11 Introduction to Psychology	3	Corequisite: ENG 110, if required
PEA 51 Stress Management (2cr) + PEA (1cr)	3	Corequisite: ENG 100, if required
Free Elective	0-1	

Healthcare Careers Preparation Option (15 Credits)

Select any combination of classes below in consultation with advisor for a total of 15 credits

Courses	Credits	Prerequisite/Corequisite
BIO 22 Medical Terminology	2	Prerequisites: CUNY English Proficiency; or ENG 100 or 110 if required
BIO 28 Microbiology & Infection Control	4	Prerequisites: BIO 11 and BIO 12 or BIO 23 and BIO 24
CHM 17 Fundamentals of General College Chemistry	4	Prerequisites: CUNY English Proficiency; or ENG 100 or 110 if required; and CUNY Math Proficiency; or MTH 23.5 or 28.5, if required
BIO 20/HLT 20 Aspects of Human Sexuality	3	Corequisite: ENG 110, if required
EKG 78 EKG Interpretation and Techniques	2	Prerequisites: BIO 24 and permission of the Program Director
PLB 79 Phlebotomy	2	Prerequisite: HLT 91
PHY 11 College Physics I	4	Prerequisite: MTH 28 or 28.5, if required Corequisite: ENG 110
PHY 24 Principles of General Physics	4	Prerequisite: MTH 28 or 28.5, if required Corequisite: ENG 110
PSY 40 Life Span Development	3	Prerequisite: PSY 11
PHM 10 Pharmacology	2	Prerequisite: CUNY Math Proficiency or MTH 23.5, if required