



Transfer Advising Worksheet – Pathways

A.S. in Science at Guttman CC to B.S. Biology, All Tracks at Lehman College

Effective Date: Fall 2023

Guttman Community College:

Common Core	
<i>Required Common Core – 13 credits</i>	
English Composition	6
Mathematical & Quantitative Reasoning <i>MATH 103 Statistics OR MATH 103A & B OR MATH 120: College Algebra & Trigonometry OR MATH 120.5: College Algebra & Trigonometry with Lab</i>	3
Life & Physical Sciences <i>BIOL 211 General Biology</i>	4
<i>Flexible Core – 18 credits</i>	
World Culture & Global Issues <i>AMST 203: Civic Engagement in a Global Society</i>	3
U.S. Experience in Its Diversity <i>AMST 103: Introduction to Social Justice</i>	3
Creative Expression <i>ART 200: The Arts in New York City OR ENGL 211: Cities in Film & Literature</i>	3
Individual & Society <i>SOSC 111 Ethnographies of Work I</i>	3
Scientific World <i>CHEM 211 General Chemistry I</i>	4
Individual & Society <i>SOSC 213 Ethnographies of Work II</i>	3
<i>Total Common Core</i>	32
Associate Degree Major Requirements Remaining as Advised	
BIO 221: General Biology II	4
CHEM 221: General Chemistry II	4
BIOL 251: Genetics (recommended for optimal transfer) OR CHEM 241: Quantitative Analysis	4
MATH 120: College Algebra and Trigonometry OR MATH 120.5: College Algebra & Trigonometry with Lab	3
MATH 201: Pre-Calculus	3
BIOL 231: Microbiology OR LASC 254: Capstone Seminar in the Liberal Arts & Science	3-4
<i>Total Associate Degree Major Credits</i>	21
Free Electives	
Science Program Electives: BIOL 122 Introduction to Biology, BIOL 231 Microbiology, BIOL 251 Genetics, CHEM 110 Introduction to Chemistry, CHEM 120 Introduction to Biological Chemistry, CHEM 241 Analytical Chemistry, MATH 210 Calculus (strongly recommended for optimal transfer) , SCI 215 Science and Society, LASC 298: Independent Study, INFT 102: Hardware & Software	7
<i>Total Program Credits</i>	60

Lehman College:

College Option	Credits
Choose two of the following: LEH 352 Studies in Literature LEH 353 Studies in the Arts LEH 354 Historical Studies LEH 355 Studies in Philosophy, Theory, and Abstract Thinking	6
Bachelor's Degree Major Requirements Remaining as Advised	
CHE 232 Organic Chemistry Lecture I CHE 233 Organic Chemistry Laboratory I CHE 234 Organic Chemistry Lecture II CHE 235 Organic Chemistry Laboratory II	12
PHY 166 General Physics I PHY 167 General Physics II	10
MAT 175 Calculus I	0-4
BIO 238 Genetics and BIO 240 Biostatistics	3-7
Choose from the following tracks: Biomedical Sciences, Organismic Sciences, Brain Sciences, or Bioenvironmental Sciences Refer to the following website for more information: https://lehman-undergraduate.catalog.cuny.edu/programs/BIO-BS	21-25
<i>Remaining credits in the Lehman major</i>	46-56
Liberal Arts Electives	
Students should consult with an advisor when choosing elective courses to ensure that 60-credit Liberal Arts requirement is being satisfied.	0-8
Total Credits Earned at Lehman College	60-62
Total Credits Transferred from Guttman CC	60
Total credits Required for Bachelor's degree at Lehman College	120-122