

DEGREE MAP

LIBERAL ARTS: MATH AND SCIENCE, AS

Follow this map to graduate in two years, though other paths are possible. Contact an advisor on My LaGuardia for additional support or if you require developmental courses. See reverse for additional information.

SEMESTER 1

Course	Category	Priority	Credits	Session
LMF101 First Year Seminar for Liberal Arts: Math and Science	PC	x	3 (4hrs)	I
ENG101 English Composition I	RC	x	3 (4hrs)	I
MAT115 College Algebra and Trigonometry	RC	x	3 (4hrs)	I
HUC106 Public Speaking ¹	PC		3	I
Flexible Core Course Option	FC		3	II

SEMESTER 2

Course	Category	Priority	Credits	Session
ENG102 English Composition II	RC	x	3	I
Life & Physical Sciences: SCB201, SCC201 or SCP201	RC	x	4 (6hrs)	I
MAT200 Pre-Calculus ²	PC		4 (5hrs)	I
Flexible Core Course Option	FC		3	I
Unrestricted Elective - 1 credit required but may need 3 credit option	PC		1/3	II

SEMESTER 3

Course	Category	Priority	Credits	Session
MAT201 Calculus ³	PC	x	4	I
200-level Math or 200-level Biology, Chemistry, or Physics Course	PC	x	4 (6hrs)	I
Flexible Core Course Option	FC		3	I
Flexible Core Course Option	FC		3	I
Social Science Course Option (see back)	PC		3	II

SEMESTER 4

Course	Category	Priority	Credits	Session
LIB200 Humanism, Science & Technology ⁴	PC	x	3	I
200-level Math or 200-level Biology, Chemistry, or Physics Course	PC		4 (6hrs)	I
Flexible Core Course Option	FC		3	I
Flexible Core Course Option (Urban Studies)	FC		3	I

Register in CUNY First for "Intent to Graduate" (GRDOOO) in your final semester.



DEGREE FULFILLMENT

- 13 credits Pathways Required Core (RC)
- 19 credits Pathways Flexible Core (FC)
- 28 credits Program Core (PC)
- 60 credits Total

laguardia.edu/MathScience

Effective Fall 2019-Spring 2020 Catalog. Reviewed July 2019. Check Degree Audit and speak to an advisor if you enrolled prior to the listed catalog year.

PRE-/CO-REQUISITES

Refer to the Pre- and Co- Requisite List below to best select courses for each semester.

PRE-REQUISITE A pre-requisite course must be completed prior to taking another course.

CO-REQUISITE Co-requisite courses must be taken during the same session as another course.



1. HUC106 PRE: CSE 99 & ENG 99
2. MAT200 PRE: MAT 115/117
3. MAT201 PRE: MAT 200
4. LIB200 PRE:ENG102&103 & P/C:MAT107/115/117/119/120

COURSE OPTIONS

For the Social Sciences requirement, student must pick one course in Anthropology, Economics, Political Science, Sociology, Psychology or History.

For a full listing of courses that will meet requirements for the Liberal Arts: Math and Science major, visit <https://www.laguardia.edu/MathScience> and click "Curriculum," or access DegreeWorks via MyLaGuardia

Math/Science (15 credits) MAT121 Elementary Statistics II; MAT200 Pre-Calculus (STEM); MAT201 Calculus (STEM); MAT202 Calculus II (STEM); MAT203 Calculus III (STEM); MAT204 Elementary Differential Equations; MAT210 Linear Algebra; MAT212 Linear Algebra and Vector Analysis; MAT221 Introduction to Probability; MAT231 Introduction to Discrete Math; SCB115 Principles of Biology; SCB165 Vertebrate Evolution; SCB201 Fundamentals of Biology I; SCB202 Fundamentals of Biology II; SCB203 Human Anatomy and Physiology I; SCB204 Human Anatomy and Physiology II; SCB208 Vertebrae Anatomy and Physiology I; SCB209 Vertebrae Anatomy and Physiology II; SCB240 Biotechnology I; SCB252 Fundamentals of Biotechniques; SCB255 Cell Biology; SCB260 General Microbiology; SCB265 Fundamentals of Ecology; SCC105 Introduction to Chemistry; SCC110 Foundations of Chemistry; SCC201 Fundamentals of Chemistry I; SCC202 Fundamentals of Chemistry II; SCC251 Organic Chemistry I; SCC252 Organic Chemistry II; SCG120 Introduction to Oceanography; SCG150 Introduction to Geographic Information Systems; SCI204 Research in Natural Sciences; SCP160 Foundations of the Physical Sciences; SCP201 Fundamentals of Physics I; SCP202 Fundamentals of Physics II; SCP231 General Physics I; SCP232 General Physics II

IMPORTANT NOTES

DEVELOPMENTAL COURSES Based on placement results, you may require additional preparation before entering college-level English or Math courses. Options can include a) developmental courses such as ENA099 or MAT095; b) English-as-a-Second-Language (ESL) courses; c) Co-requisite courses such as ENA/ENC101, CSE111, or MAT117/119/123; or d) CUNY Start.

Speak to an advisor to find out more.

SESSIONS I AND II Each semester has two parts, Session I (12-weeks) and Session II (6-weeks). It is recommended that you take 15 credits per semester for timely graduation. For questions regarding financial aid or tuition and fees, please visit Student Financial Services in C-107.

CREDITS & HOURS Courses often meet for the same number of hours per week as academic credits awarded, but in some cases your classes meet for more hours, listed in the CREDITS column when applicable.

PRIORITY COURSES Priority Courses are important for your progress in the degree and should be taken in the suggested order.

PATHWAYS FLEXIBLE CORE You may choose Flexible Core courses based on interests or transfer goals. Speak to an advisor or view Degree Audit to see a full list of options and/or requirements. Generally, you must take courses in different categories:

- Creative Expressions
- Individual and Society
- Scientific World
- U.S. Experience in its Diversity
- World Cultures and Global Issues

URBAN STUDIES All students must complete an Urban Studies course to graduate. Urban Studies courses have an "N" at the end of the course code (e.g. HUN192).

Humanities Department
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