

Physical Sciences – Physics

Associate of Science | Degree Map

Follow this map to graduate in two years, though other paths are possible. Contact an advisor through My LaGuardia for additional support, and see reverse for more information.

	Course	Category	Priority	Credits	Session
SEMESTER 1	NSF101 First Year Seminar for Natural Sciences	PC	x	2 (3hrs)	I
	ENG101 English Composition I	RC		3 (4hrs)	I
	MAT115 College Algebra and Trigonometry	RC	x	3 (4hrs)	I
	Flexible Core Course Option	FC		3	I
	MAT200 Precalculus	FC	x	4 (5hrs)	II

	Course	Category	Priority	Credits	Session
SEM. 2	ENG102 English Composition II	RC		3	I
	SCC201 General Chemistry I - Life and Physical Sciences	RC	x	4 (6hrs)	I
	MAT201 Calculus I	PC	x	4	I
	SCP231 General Physics I	FC	x	4 (6hrs)	II

	Course	Category	Priority	Credits	Session
SEM. 3	MAT202 Calculus II	PC	x	4	I
	SCP232 General Physics II	PC	x	4 (6hrs)	I
	Flexible Core Course Option	FC		3	I
	Flexible Core Course Option	FC		3	I

	Course	Category	Priority	Credits	Session
SEMESTER 4	MAT203 Calculus III	PC	x	4	I
	SCP233 Modern Physics	PC	x	4 (6hrs)	I
	SCP211 Research Methods in Physical Sciences (Capstone)	PC	x	3	I
	Flexible Core Course Option	FC		3	I
	Unrestricted Elective	PC		2	II

Register for GRDOOO "Intent to Graduate" in CUNYfirst to apply for graduation in your final semester



Credits Required to Graduate

Pathways Required Core (RC)	13
Pathways Flexible Core (FC)	20
Program Core (PC)	27
Total	60

More information at laguardia.edu/physical-science

Effective Fall 2019-Spring 2020 catalog. New: 8/29/2019

Follow the map for the catalog year in which you first enrolled.
Check Degree Audit & speak to an advisor for more support.

Pre/Co-requisites

Refer to the Pre- and Co-requisite list below to ensure you register for the appropriate courses.

Pre-requisite: A course which must be completed prior to taking another course

Co-requisite: A course which must be taken during the same session as another course.

1. MAT200 PRE: MAT115/117
2. SCC201 PRE: CSE 99 & ENG 99 & MAT 115
3. MAT201 PRE: MAT200
4. SCP231 PRE: CSE 99 & ENG 99 & MAT 201
5. MAT202 PRE: MAT201
6. SCP232 PRE: SCP 231 & MAT 202
7. MAT203 PRE: MAT202
8. SCP233 PRE: SCP 232 & MAT 203
9. SCP211 PRE: ENG102 & P/C: SCP231/ SCC202

Other Program Notes

It is strongly recommended to complete MAT 200 before SCC 201

Before enrolling a Science lab course in the short session it is strongly recommend that students discuss their enrollment with a faculty advisor, the course instructor or the program director.

General Information

DEVELOPMENTAL COURSES Based on your incoming proficiency, you may require additional preparation before entering college-level English (ENG101) or Math (MAT107,115,120,etc.). Options can include:

- A) Co-requisite courses such as ENA101, MAT117/119/123
- B) CUNY Start, Math Start, or CLIP
- C) English-as-a-Second-Language (ESL) courses
- D) Developmental courses such as ENA099 or MAT099
- E) First Year Institute Program (FYIP) Workshops

SESSIONS I AND II Each semester, Fall and Spring, has two sessions, 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 speak with Student Financial Services in C-107 or e-mail Financialaid@lagcc.cuny.edu

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. Most degrees require 60 academic credits.

PRIORITY COURSES Priority Courses are important for your progress 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 your Degree Audit to see a full list of options and/or requirements. Associate of Arts or Science degrees require you to take one course in each bucket below, plus one additional course (18+ credits). Associate in Applied Science degrees require you to take one course in three buckets (9+ credits).

- Creative Expression
- Individual & 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 (example: HUN192).