

Core Curriculum Requirements:

From our website (<https://college.georgetown.edu/academics/core-requirements>):

“The liberal arts curriculum at Georgetown College cultivates intellectual skills of perception, analysis, interpretation, and expression, which sustain a life of curiosity, creativity, and responsiveness to the needs of both individuals and communities.

Core requirements are a foundation for and an integral part of any student’s eventual concentration in the College. In approaching the core requirements, it is helpful to remember that the introductory courses for almost every major will fulfill one of the core requirements. This helps overcome the misimpression that core requirements are somehow a separate process from evolving major or minor interests.”

The Georgetown College core requirements for students *majoring in the sciences* include:

- One course in writing
 - Every Georgetown student will take one writing course, WRIT-015 Writing and Culture Seminar, which provides students with opportunities to connect their writing with critical reading and thinking, inquiry, and analysis.
 - ENGL102 @ MC can count in place of the WRIT-015 course writing requirement @ GU.
- One course in the Humanities: Arts, Literatures, and Cultures (HALC)
 - Every student will take one course in the Humanities: Arts, Literatures, and Cultures (HALC). Literature and the visual and performing arts deepen our understanding of many kinds of expressive media, past and present, and the realities they aim to present. Through reading, writing, and creative practice, students acquire the intellectual and practical tools to interpret and critique the world. Courses fulfilling this requirement use historical, critical, and/or experiential methods.
 - HALC courses are identified with an attribute in the schedule of classes.
 - **The ARTD requirement @ MC can count for the 1 course HALC requirement @ GU.**
- Two history courses
 - The study of history exposes students to both the recent and the more distant past, so that they may explore changes and continuities in all spheres of human endeavor, and understand the human experience as a process of long-term dynamic evolution.
 - HIST-099: a course designed to expose students to the discipline of history through focused study of particular historical events, periods, or themes. This course must be taken at Georgetown.
 - A second history course which will focus on the historical developments in various world regions over long time spans.
 - **Many courses within the HUMD requirement @ MC may be eligible to count toward the 2 course Philosophy/Ethics, History, or Language requirements @ GU.**
- Two theology courses
 - Georgetown, with its commitment to the Jesuit tradition, believes that modern men and women should reflect on their relationship to the world, their fellow humans, and God. Through the core requirement, the Department of Theology is committed to fostering in students a critically appreciative awareness of the religious dimension of human existence, and to assisting students in reflecting upon their own experience and understanding in that enlarged context.
 - We expect that all transfer students will take their two semesters of theology at GU. One course must be either THEO-001 The Problem of God or THEO-011 Introduction to Biblical Literature.
- Two philosophy courses
 - The core requirement in philosophy promotes students’ personal growth as human beings in search of meaningful lives, fosters their development as responsible citizens, and also serves as an introduction to the academic discipline.
 - The core requirement in philosophy is two courses, one in general philosophy and one with an explicit focus on ethics.
 - **Many courses within the HUMD requirement @ MC may be eligible to count toward the 2 course Philosophy/Ethics, History, or Language requirements @ GU.**
- Foreign language proficiency
 - Now more than ever, it is essential that we learn to see the world through the eyes of another. The study of a language, literature, and culture other than one’s own enables one to understand the world better, to identify commonalities, and to respect cultural differences.

- All students in the College must demonstrate proficiency in a foreign language (ancient or modern) through the intermediate level. This is four courses if starting a new language in college.
 - Many courses within the HUMD requirement @ MC may be eligible to count toward the 2 course Philosophy/Ethics, History, or Language requirements @ GU. Students may test out of part or all of this requirement.
- Two engaging diversity courses
 - All Georgetown students are required to take two "engaging diversity" courses to ensure the opportunity to engage with diversity issues in two different contexts: One domestic and one global.
 - This is considered an "overlay" requirement meaning that students will typically fulfill it by taking courses that meet another Core or Major requirement while addressing issues of diversity. Such courses are identified with a Diversity attribute in the schedule of classes.

SUGGESTED CURRICULUM TRAJECTORY FOR A BIOLOGICAL SCIENCE PROGRAM A.S. @ MC → BIOLOGY PREMED B.S. @ GU

	1 st Year @ MC		Summer 1	2 nd Year @ MC		Summer 2	3 rd Year @ GU		Summer 3	4 th Year @ GU	
	Fall	Spring		Fall	Spring		Fall	Spring		Fall	Spring
1 st course	CHEM131 (Prin of Chem I)	CHEM132 (Prin of Chem II)		PHYS233 [#]	PHYS234 [#]	CHEM115 (Orgo I)	CHEM117 (Orgo I Lab)	CHEM118 (Orgo II Lab)	Internship	BIOL elective	BIOL elective
2 nd course	Foundation – e.g. ARTD [^]	BIOL150 (Prin of Biol I)		BIOL151 (Prin Biol II)	BIOL252 (Prin of Biol III)	CHEM116 (Orgo II)	BIOL elective	BIOL151 (Biochem)		BIOL 350+	BIOL 350+
3 rd course	MATH170* (Calculus I)	MATH*		COMM 108 or COMM112	BIOL222 (Genetics)		Elective	BIOL191 (Gateway)		BIOL-401	Elective
4 th course	ENGL101 or Program Elective	ENGL102		Foundation – e.g. BSSD	SCIR297 or BIOL Course		Core – e.g. Hist I	Core – e.g. Hist II		Core – e.g. Phil	Elective
5 th course		Foundation – e.g. BSSD [%]			Foundation – e.g. HUMD ^{&}		Core – e.g. Theo I	Core – e.g. Theo II		Elective	Elective

Program/Major:

* Acceptable to take MATH170/171 (Calculus for Life Sciences I and II), MATH181/182 (Calculus I and II), or best MATH170 or 181 and MATH217 (Biostatistics).

**We would accept a variety of courses here:

- BIOL210 (Microbiology) – will count toward the Biology major requirements.
- BIOL212/213 (Human Anatomy & Physiology I and II) – credit for one course of this sequence will count toward the Biology major requirements.
- BIOL230 (Molecular Cell Biology) – will count toward the Biology major requirements.
- BIOL252 (Principles of Biology III) – is required for UMCP transfer and will count toward the Biology major requirements.

Our advice – unlike UMCP – is to take the Physics premed sequence at MC and to complete Organic Chemistry at Georgetown. We have suggested taking the lecture in the summer and the lab during the academic year. Beyond this, we have tried to stay in alignment with UMCP and UMBC requirements.

While the BSSD requirement doesn't meet any Core requirements for science majors at GU (there is no social science requirement for these majors). For premeds, we recommend that one of the BSSD courses be General Psychology (PSYC102) or Introduction to Sociology (SOCY101) because of the nature of the MCAT exam.

@ MC

Program/Major requirement

Pre-med course (beyond program/major requirement)

Biology electives

Core requirements

Free electives

@ GU

Program/Major requirement

Pre-med course (beyond program/major requirement)

Biology electives

Core requirements

Free electives

SUGGESTED CURRICULUM TRAJECTORY FOR A BIOLOGICAL SCIENCE PROGRAM A.S. @ MC → BIOLOGY OF GLOBAL HEALTH PREMED B.S. @ GU

	1 st Year @ MC		Summer 1	2 nd Year @ MC		Summer 2	3 rd Year @ GU		Summer 3	4 th Year @ GU	
	Fall	Spring		Fall	Spring		Fall	Spring		Fall	Spring
1 st course	CHEM131 (Prin of Chem I)	CHEM132 (Prin of Chem II)		PHYS233 [#]	PHYS234 [#]	CHEM115 (Orgo I)	CHEM117 (Orgo I Lab)	CHEM118 (Orgo II Lab)	Internship	BIOL elective	BIOL elective
2 nd course	Foundation – e.g. ARTD [^]	BIOL150 (Prin of Biol I)		BIOL151 (Prin Biol II)	BIOL**	CHEM116 (Orgo II)	BIOL elective	BIOL151 (Biochem)		BIOL 350+	BIOL 350+
3 rd course	MATH170* (Calculus I)	MATH*		COMM 108 or COMM112	BIOL222 (Genetics)		Elective	BIOL194 (Gateway)		BIOL 401	Interdisc
4 th course	ENGL101 or Program Elective	ENGL102		Foundation – e.g. BSSD	SCIR297 or BIOL Course		Core – e.g. Hist I	Core – e.g. Hist II		Core – e.g. Phil	MATH240
5 th course		Foundation – e.g. BSSD [%]			Foundation – e.g. HUMD ^{&}		Core – e.g. Theo I	Core – e.g. Theo II		Interdisc	Elective

Program/Major:

* Preferred to take MATH170 or 181 and MATH117 (Elements of Statistics).

**We would accept a variety of courses here:

- BIOL210 (Microbiology) – will count toward the Biology of Global Health major requirements.
- BIOL212/213 (Human Anatomy & Physiology I and II) – credit for one course of this sequence will count toward the Biology of Global Health major requirements.
- BIOL230 (Molecular Cell Biology) – will count toward the Biology of Global Health major requirements.
- BIOL252 (Principles of Biology III) is required for UMCP transfer and will count toward the Biology of Global Health major requirements.

Our advice – unlike UMCP – is to take the Physics premed sequence at MC and to complete Organic Chemistry at Georgetown. We have suggested taking the lecture in the summer and the lab during the academic year. Beyond this, we have tried to stay in alignment with UMCP and UMBC requirements.

While the BSSD requirement doesn't meet any Core requirements for science majors at GU (there is no social science requirement for these majors). For premeds, we recommend that one of the BSSD courses be General Psychology (PSYC102) or Introduction to Sociology (SOCY101) because of the nature of the MCAT exam.

@ MC

Program/Major requirement

Pre-med course (beyond program/major requirement)

Biology electives

Core requirements

Free electives

@ GU

Program/Major requirement

Pre-med course (beyond program/major requirement)

Biology electives

Core requirements

Free electives

SUGGESTED CURRICULUM TRAJECTORY FOR A BIOLOGICAL SCIENCE PROGRAM A.S. @ MC → NEUROBIOLOGY PREMED B.S. @ GU

	1 st Year @ MC		Summer 1	2 nd Year @ MC		Summer 2	3 rd Year @ GU		Summer 3	4 th Year @ GU	
	Fall	Spring		Fall	Spring		Fall	Spring		Fall	Spring
1 st course	CHEM131 (Prin of Chem I)	CHEM132 (Prin of Chem II)		PHYS233 [#]	PHYS234 [#]	CHEM115 (Orgo I)	CHEM117 (Orgo I Lab)	CHEM118 (Orgo II Lab)	Internship	BIOL370 Neurodisorders	BIOL354 Synaptic Trans
2 nd course	Foundation – e.g. ARTD [^]	BIOL150 (Prin of Biol I)		BIOL151 (Prin Biol II)	BIOL ^{**}	CHEM116 (Orgo II)	BIOL elective	BIOL151 (Biochem)		BIOL376 Developmental Neuro	BIOL380 Sensory Systems
3 rd course	MATH170* (Calculus I)	MATH*		COMM108 or COMM112	BIOL222 (Genetics)		Elective	BIOL195 (Gateway)		BIOL401	Elective
4 th course	ENGL101 or Program Elective	ENGL102		Foundation – e.g. BSSD	SCIR297 or BIOL Course		Core – e.g. Hist I	Core – e.g. Hist II		Core – e.g. Phil	Elective
5 th course		Foundation – e.g. BSSD [%]			Foundation – e.g. HUMD ^{&}		Core – e.g. Theo I	Core – e.g. Theo II		Elective	Elective

Program/Major:

* Acceptable to take MATH170/171 (Calculus for Life Sciences I and II), MATH181/182 (Calculus I and II), or best MATH170 or 181 and MATH117 (Biostatistics).

**We would accept a variety of courses here:

- BIOL210 (Microbiology) – will NOT count toward the Neurobiology major requirements.
- BIOL212/213 (Human Anatomy & Physiology I and II) – credit for one course of this sequence will count toward the Neurobiology major requirements.
- BIOL230 (Molecular Cell Biology) – will count toward the Neurobiology major requirements.
- BIOL252 (Principles of Biology III) is required for UMCP transfer but will NOT count toward the Neurobiology major requirements.

Our advice – unlike UMCP – is to take the Physics premed sequence at MC and to complete Organic Chemistry at Georgetown. We have suggested taking the lecture in the summer and the lab during the academic year.

While the BSSD requirement doesn't meet any Core requirements for science majors at GU (there is no social science requirement for these majors). For premeds, we recommend that one of the BSSD courses be General Psychology (PSYC102) or Introduction to Sociology (SOCY101) because of the nature of the MCAT exam.

@ MC

Program/Major requirement

Pre-med course (beyond program/major requirement)

Biology electives

Core requirements

Free electives

@ GU

Program/Major requirement

Pre-med course (beyond program/major requirement)

Biology electives

Core requirements

Free electives