

SUGGESTED CURRICULUM TRAJECTORY FOR AN ENVIRONMENTAL SCIENCE PROGRAM A.S. @ MC → ENVIRONMENTAL BIOLOGY 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)		BIOL151 (Prin Biol II)	BIOL217 (Ecology)		BIOL elective	BIOL185 (Evol Processes)	Internship	BIOL 386 (Ecol Analysis)	BIOL elective
2 nd course	Foundation – e.g. ARTD	BIOL150 (Prin of Biol I)		BIOL222 (Genetics)	SCIR297 or Elective		Elective	BIOL192 (Gateway)		BIOL elective	BIOL elective
3 rd course	MATH181* (Calculus I)	Foundation – e.g. HUMD ^Δ		MATH117* (Statistics)	ECON/POLI or elective		Elective	BIOL elective		BIOL 401	BIOL elective
4 th course	ENGL101 or Program Elective	ENGL102		Foundation – e.g. BSSD [%]	COMM108/112		Core – e.g. Hist I	Core – e.g. Hist II		Elective	Elective
5 th course		Foundation – e.g. BSSD [%]		Program Elective			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 (Elements of Statistics).
- Key differences:
 - We require two semesters of General Chemistry.
 - We require two semesters of Principles of Biology.
 - BIOL105/106 (Environmental Biology) at MC will NOT count toward the major at GU.

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

Biology electives

Core requirements

Free elective

@ GU

Program/Major requirement

Biology electives

Core requirements

Free elective

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.