Gettysburg College
Washington University at St. Louis Dual-Degree Plan Curriculum Guide

<u>Foundation Courses Required of All Majors</u>

Mathematics:	Math111, Math112, Math211, Math225
	Math212 strongly recommended
Physics:	Phy111, 112, 211 sequence **OR** Phy109, 110 sequence (all include labs)
Chemistry:	Chem107 (includes lab)
Computer Science:	CS107 (Python preferred for BioEng, ChemEng, MechEng) or CS111

GC Liberal Arts Curriculum must include 4 courses from Humanities (at least 2) and Social Sciences (at least 1). Total credits: a minimum of 90 semester hours of transferable credits (courses with grades below C- do not transfer).

Remarks:

- A GPA of B+ (3.25) or better, both overall and in science and math courses, is required for guaranteed admission. Retaking courses for improving grades are allowed. Applicants with lower GPAs are considered on a case-by-case basis.
- Chem 107 and Math 225 are NOT required for Computer Science and Data Science programs.

Additional Courses are required by the programs below.

<u>Biomedical Engineering</u>

Chemistry:	Chem108 (includes lab)
Biology/Health Science:	Bio211,212 (Bio110or111 and 112 are prerequisites)
	OR summer courses equivalent to WashU's Bio2960, Bio2970

<u>Chemical Engineering</u>

Chemistry:	Chem108, Chem203, Chem 204 (recommended) (all include labs)
Biology/Health Science:	Bio 110 or Bio111
Environmental Studies:	ES240 strongly recommended

Computer Engineering

Computer Science: CS111, CS112

Computer Science

Computer Science: CS111, CS112

Data Science

Computer Science: CS111, CS112

Environmental Engineering

Chemistry: Chem108, Chem203, Chem 204 (recommended) (all include labs)

Biology/Health Science: Bio 110 or Bio111

Environmental Studies: ES240 strongly recommended

Mechanical Engineering

Physics: 1 upper-division physics course (200-level or above)