

Bioengineering

Sample Schedule

Alternative sample schedules are available at nyuad.nyu.edu/grids

Year 1

Fall Semester

Math 1000 A&B	Computer Programming for Engineers	General Elective	First-year Writing Seminar
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Spring Semester

Calculus	Foundation of Science 1 Ethics	Foundation of Science 2	Colloquium
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January Term

ECC: Design & Innovation

Summer Term

MVC

Year 2

Fall Semester

Linear Algebra Differential Equations	Foundations of Science 3	Foundations of Science 4	Core
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January Term

General Elective

Spring Semester

ECC: Circuits Bioengineering Principles	ECC: Statics Physical Chemistry	ECC: Conservation Laws Biotransport	Core
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Year 3

Fall Semester

Probability and Statistics ECC: Numerical Methods	Foundation of Science 5	Foundation of Science 6	Colloquium
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January Term

General Elective

Spring Semester

Bioengineering Elective	Bioengineering Elective	Bioengineering Elective	General Elective
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Year 4

Fall Semester

Bioimaging Capstone Design I	Bioengineering Elective	Biomechanics Biomaterials	Core
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Spring Semester

Capstone Design II	ECC: Digital logic PDEs for Engineers	Bioengineering Elective	Core
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