

# Bioengineering

Sample Schedule

Alternative sample schedules are available at [nyuad.nyu.edu/grids](http://nyuad.nyu.edu/grids)

## Year 1

Fall Semester

Multivariable Calculus	Foundations of Science 1	Foundations of Science 2	First-year Writing Seminar
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Spring Semester

Linear Algebra	Computer Programming for Engineers	General Elective	Colloquium
Differential Equations			

## Year 2

Fall Semester

Math Course	Foundations of Science 3	Foundations of Science 4	Core
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Spring Semester

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

June Term  
ECC: Design & Innovation

January Term  
General Elective

## Year 3

Fall Semester

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

Spring Semester

Bioengineering Elective	Bioengineering Elective	Bioengineering Elective	General Elective
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January Term  
General Elective

## Year 4

Fall Semester

Bioimaging	Bioengineering Elective	Biomechanics	Core
Capstone Design I		Biomaterials	

Spring Semester

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