

Bachelor of Science in Biomedical Engineering

Eighth Semester Spring Year 4	BME Capstone Design II	BME Elective	BME Elective	Eng, Ethics & Society	Unrestricted Elective		
Seventh Semester Fall Year 4	BME Capstone Design I	BME Elective		Western Tech & Culture	HSS Elective	Unrestricted Elective	
Sixth Semester Spring Year 3	Physiology II	Biotransport	BME Systems Analysis	BME IDEAs Lab II	Engineering Elective	Technical Elective	Unrestricted Elective
Fifth Semester Fall Year 3	<i>Each of these courses will be offered both fall and spring of your third year.</i>			BME IDEAs Lab I	Engineering Elective	HSS Elective	
Fourth Semester Spring Year 2	BME Design & Discovery	Physiology I	Cell & Molecular Bio	Computational BME	Biomechanics	Probability or Prob/Stats	Unrestricted Elective STS Elective
Third Semester Fall Year 2	<i>Each of these six courses will be offered both fall and spring of your second year.</i>					Physics II & Lab	Ordinary Diff Equations
Second Semester Spring Year 1	Physics I & Lab	Science Elective I	Intro Comp Science	Multivariate Calculus	HSS Elective		
First Semester Fall Year 1		Chem I & Lab	Intro to Engineering	Single Variable Calc	Lang & Tech Society		

Premed?
Use your electives to take Chem II + Lab, Orgo I-II + Lab, Intro Sociology, and Intro Psychology.

Engineers who take a biology-first approach

Making groundbreaking discoveries in systems biology and biomedical data sciences, medical imaging, and cellular and tissue engineering

Exceptional emphasis on collaboration

Excellent student experience

Tight integration with the UVA Medical School

Integrated Curriculum

BIOMEDICAL ENGINEERING at the UNIVERSITY of VIRGINIA