

## Example Biological Engineering Roadmap for Students with No AP Credit

	FALL		SPRING	
Year 1	Physics I (8.01)	12	Biology 1 (7.01x)	12
	Chem. I (5.111/3.091)	12	Physics II (8.02)	12
	Calculus I (18.01)	12	Calculus II (18.02)	12
	<i>Humanities</i>	12	<i>Humanities</i>	12
			<i>(20.010, optional)</i>	(6)
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<i>Total Units</i>		48		48 (54)
Year 2	20.110/2.772 Thermo	12	20.109 Lab I (CIM)	15
	Diff. Eq. (18.03)	12	Organic Chem (5.12)	12
	<i>Unrestricted Elective</i>	12	20.320 Kinetics	9
	<i>Humanities</i>	12	20.180 Programming	6
			<i>Humanities</i>	12
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<i>Total Units</i>		48		54
Year 3	Biochemistry (5.07)	12	20.330 Transport	15
	20.310 Biomech.	12	Cell Biology (7.06)	12
	20.181 Computation	6	<i>Unrestricted elective</i>	12
	7.03 Genetics**	12	<i>Humanities</i>	12
	<i>Humanities</i>	12		
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<i>Total Units</i>		54		51
Year 4	20.309 Bio lab II	15	20.380 Design (CIM)	12
	BE Elective	12	BE Elective	12
	<i>Unrestricted Elective</i>	12	<i>Unrestricted Elective</i>	12
	<i>Humanities</i>	12	<i>Humanities</i>	12
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<i>Total Units</i>		51		48

\*\*20.113/7.03 will not be offered in the spring term until the 2007-2008 Academic Year.  
 Students in the Class of 2009 should plan to take the fall term 7.03 Genetics subject.