

## Curriculum (Class 2010)

### Chemical Engineering BS

Last Updated August 17, 2009

	Fall	Spring	Summer 1	Summer 2
<b>Freshman 2005-2006</b>	MTHU241 Calculus 1 for Engrs 4 CHMU151 Gen Chem for Engrs 4 HSTxxxx Hist Elective 1 4 GEU110 Eng'g Design 4 GEU100 Intro. Eng'g 1	MTHU242 Calculus 2 for Engrs 4 PHYU151 Physics 1 for Engrs 4 PHYU152 Lab for PHYU151 1 GEU111 Prob Solving w Comp 4 ENGU111 English 1 4	Vacation	Vacation
<b>Sophomore A 2006-2007</b>	MTHU341 Calculus 3 for Engrs 4 CHMU311 Organic Chem 1 4 CHMU312 Lab for CHMU311 1 CHEU308 ChE Conservation Prin 4 CHEU309 Lab for CHEU308 1 XXXxxxx General Elective 1 4/5	MTHU343 Diff. Eq/Lin Alg 4 CHMU313 Organic Chem 2 4 CHMU314 Lab for CHMU313 1 CHEU300 Intro to Eng Coop 1 CHEU320 ChE Thermo 1 4 CHEU310 ChE Trans 1 4	Vacation	Co-op
<b>Sophomore B 2006-2007</b>	MTHU341 Calculus 3 for Engrs 4 CHMU311 Organic Chem 1 4 CHMU312 Lab for CHMU311 1 CHEU308 ChE Conservation Prin 4 CHEU309 Lab for CHEU308 1 CHEU300 Intro to Eng'g Coop 1 XXXxxxx General Elective 1 4/5	Co-op	Co-op	CHEU320 ChE Thermo 1 4 MTHU343 DEq/Lin Alg 4
<b>Middler A 2007-2008</b>	Co-op	XXXxxxx Gen Elect 2 4/5 CHEU322 ChE Thermo 2 4 CHEU312 ChE Transport 2 4 ENGU302 Tech Writing 4	XXXxxxx Gen Elect 3 4/5 CHEU520 Separations 3 CHEU521 Unit Ops Lab 2	Co-op
<b>Middler B 2007-2008</b>	CHMU313 Organic Chem 2 4 CHMU314 Lab for CHMU313 1 CHEU322 ChE Thermo 2 4 CHEU310 ChE Transport 1 4 ENGU302 Tech. Writing 4	Co-op	Co-op	XXXxxxx Soc/Cult Elect 4 CHEU521 Unit Ops Lab 2 CHEU312 ChE Transport 2 4
<b>Junior A 2008-2009</b>	Co-op	CHMU403 Phys Chem 2 4 CHMU404 Lab CHMU403 1 CHEU510 ChE Kinetics 4 CHEU701 ChE Design 1 4 CHEU702 ChE Design 1 Lab 1 XXXXxxx Soc/Cult Elect 4 CHEU500 Prof Issues 1	PHYU155/157 Phys 2 for Eng 4 PHYU156 Lab for PHYU155 1 XXXXxxx Gen Elect 4 4/5	Co-op
<b>Junior B 2008-2009</b>	XXXXxxxx Gen Elect 2 4/5 CHMU403 Phys Chem 2 4 CHMU404 Lab CHMU403 1 CHEU520 Separations 3 PHYU155/157 Physics 2 for Eng 4 PHYU156 Lab for PHYU155 1 CHEU500 Prof Issues 1	Co-op	Co-op	Vacation
<b>Senior AA (formerly Division A) 2009-2010</b>	Co-op	CHME4703 ChE Design 2 4 CHMExxxx ChE Elective 4 CHME4512 Proc Ctrl 4 CHEMxxxx Adv. Chem Elect 3/5		
<b>Senior BA (formerly Division B) 2009-2010</b>	CHME4510 ChE Kinetics 4 CHME4701 ChE Design 1 4 CHME4702 ChE Design 1 Lab 1 XXXXxxxx Gen Elect 3 4/5 XXXXxxxx Gen Elect 4* 4/5	CHME4703 ChE Design 2 4 CHMExxxx ChE Elective 4 CHME4512 Proc Ctrl 4 CHEMxxxx Adv. Chem Elect 3/5		*ChE Elective may be taken here for this pattern of attendance (formerly Division B)

Total Semester Hours – 138 SH minimum

Note that general electives may be interchanged with History and/or Social/Cultural electives and vice versa, but students are encouraged to consult with their advisor.

Please refer to the following "conversionator" website for a chart of old/new course numbers:

<http://www.northeastern.edu/registrar/crsnumref-leg2udc.html>

08/25/09