

# Physics BS – Sample Curriculum Calendar

2007-2008, MDS #311, Division A, 1/2/08

## Year-1 Fall

Course #	Course Title	SH
PHY U100	Intro to College	1
PHY U161/2	Physics 1 (w/Lab)	5
MTH U241	Calculus 1 (Sci/eng)	4
ENG U111	College Writing	4
XXX Uxxx	NU Core	4
<b>Total</b>		<b>18</b>

## Year-1 Spring

Course #	Course Title	SH
PHYU165/6	Physics 2 (w/Lab)	5
MTH U242	Calculus 2 (Sci/Eng)	4
GE U111	Eng Prb Solv&Comp	4
XXX Uxxx	NU Core	4
<b>Total</b>		<b>17</b>

## Year-1 Summer

No Classes  Vacation
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## Year-2 Fall

Course #	Course Title	SH
PHY U305*	Thermo & Stat Phys	4
PHY U371	Electronics	4
MTH U341	Calculus 3 (Sci/Eng)	4
CHMU211/2	Chemistry 1 (w/Lab)	5
<b>Total</b>		<b>17</b>

## Year-2 Spring

Course #	Course Title	SH
PHY U303*	Modern Physics	4
MTH U345	Ordinary Diff Eqs	4
MTH U371	Linear Algebra	4
XXX Uxxx	Free Elective	4
COP U101	Prof Dev for Co-Op	1
<b>Total</b>		<b>17</b>

## Year-2 Summer-1

No Classes  Vacation	CO-OP
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## Summer-2

## Year-3 Fall

CO-OP
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## Year-3 Spring

Course #	Course Title	SH
PHY U601	Classical Dynamics	4
PHY U602	Electricity & Mag	4
XXX Uxxx	NU Core	4
XXX Uxxx	Free Elective	4
<b>Total</b>		<b>16</b>

## Year-3 Summer-1

<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Course #</th> <th style="text-align: left;">Course</th> <th style="text-align: right;">SH</th> </tr> </thead> <tbody> <tr> <td>PHY U600</td> <td>Adv Phys Lab 1</td> <td style="text-align: right;">4</td> </tr> <tr> <td>PHY U603</td> <td>EM Waves &amp; Optics</td> <td style="text-align: right;">4</td> </tr> <tr> <td colspan="2" style="text-align: right;"><b>Total</b></td> <td style="text-align: right;"><b>8 SH</b></td> </tr> </tbody> </table>	Course #	Course	SH	PHY U600	Adv Phys Lab 1	4	PHY U603	EM Waves & Optics	4	<b>Total</b>		<b>8 SH</b>	CO-OP
Course #	Course	SH											
PHY U600	Adv Phys Lab 1	4											
PHY U603	EM Waves & Optics	4											
<b>Total</b>		<b>8 SH</b>											

## Summer-2

## Year-4 Fall

CO-OP
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## Year-4 Spring

Course #	Course Title	SH
PHY U617	Quantum Mechanics	4
ENG U301	Adv Writing	4
XXX Uxxx	Technical Elective	4
XXX Uxxx	NU Core	4
<b>Total</b>		<b>16</b>

## Year-4 Summer-1

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Course #	Course	SH											
PHY U954	Experiential Edu	4											
MTH U481	Prob & Statistic	4											
<b>Total</b>		<b>8 SH</b>											

## Summer-2

## Year-5 Fall

CO-OP
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## Year-5 Spring

Course #	Course Title	SH
PHY U700	Adv Phys Lab 2	4
PHY Uxxx	Adv Physics Elective	4
XXX Uxxx	Technical Elective	4
XXX Uxxx	Free Elective	4
<b>Total</b>		<b>16</b>

**Major Semester Hours: 95**

**Total Semester Hours: 133**

(\* alternates Fall/Spring)