

Completed	Course Number	Credits	Course Name	Prerequisites, Corequisites and/or Prerequisites with Concurrency	Semester Usually Offered
<b>Charger Foundations</b>					
<b>Area I: Freshman Composition</b> 3-6 credits - see attached for more options					
<input type="checkbox"/>	EH 101	3	College Writing I	<a href="#">Placement</a>	FA/SP/SU
<input type="checkbox"/>	EH 102	3	College Writing II	EH 101 or EH 101S	FA/SP/SU
<input type="checkbox"/>	EH 103	3	Accelerated College Writing	<a href="#">Placement</a>	SP
<input type="checkbox"/>	EH 105	3	Honors English Seminar	Honors	FA
<b>Area II: Humanities and Fine Arts</b> 12 credits					
<input type="checkbox"/>		3	Fine Art	See attached for choices	
<input type="checkbox"/>		3	Literature	Completion of Area I; See attached for choices	
<input type="checkbox"/>		3	Non-Literature Humanity	See attached for choices	
<input type="checkbox"/>		3	Humanities/Fine Arts/Literature	See attached for choices	
<b>Area III: Mathematics and Sciences</b> 11-12 credits					
<b>Mathematics</b> 4 credits					
<input type="checkbox"/>	MA 171 or MA 171S	4	Calculus A	<a href="#">Placement</a> or MA 113 or MA 115	FA/SP/SU
<b>Natural Sciences (Lab)</b> 8 credits					
<input type="checkbox"/>	CH 121/125	3/1	General Chemistry I + Lab	<a href="#">Placement</a> or CH 101	FA
<input type="checkbox"/>	CH 123/126	3/1	General Chemistry II + Lab	CH 121	SP
<b>Area IV: History and Social &amp; Behavioral Sciences</b> 12 credits					
<input type="checkbox"/>		3	History	See attached for choices	
<input type="checkbox"/>		3	Social & Behavioral Science	See attached for choices	
<input type="checkbox"/>		3	Social & Behavioral Science	See attached for choices	
<input type="checkbox"/>		3	History/Social & Behavioral Science	See attached for choices	
<b>Area V: Pre-Professional</b>					
<b>For Physics Majors</b> 18 credits					
<input type="checkbox"/>	FYE 101S	1	Charger Success - Science	REQUIRED	FA
<input type="checkbox"/>		3	Intro to Computer Programming	See attached for choices	
<input type="checkbox"/>	MA 172	4	Calculus B	MA 171	FA/SP/SU
<input type="checkbox"/>	MA 201	4	Calculus C	MA 172	FA/SP/SU
<input type="checkbox"/>	MA 238	3	Appl Differential Equations	MA 172, 201	
<input type="checkbox"/>	MA 244	3	Intro to Linear Algebra	MA 120 or 172	
<b>Major Requirements</b>					
<b>Physics Core</b> 28 credits					
<input type="checkbox"/>	PH 110	3	Frontiers in Science	PH majors and minors only	FA
<input type="checkbox"/>	PH 111/114	3/1	General Physics w/ Calculus I + Lab	MA 171	FA/SP/SU
<input type="checkbox"/>	PH 112/115	3/1	General Physics w/ Calculus II + Lab	PH 111/114, MA 172	FA/SP/SU
<input type="checkbox"/>	PH 113/116	3/1	General Physics w/ Calculus III + Lab	PH 112/115, MA 201	FA/SP/SU
<input type="checkbox"/>	PH 251	1	Special Relativity	PH 112, MA 172, prereq w/ conc: PH 113	SP
<input type="checkbox"/>	PH 301	3	Intermediate Mechanics	PH 111 and (PH 305 or MA 238)	SP
<input type="checkbox"/>	PH 305	3	Math Methods in Physics	PH 112	SP
<input type="checkbox"/>	PH 351	3	Introduction to Modern Physics	PH 113 and (MA 238 or 244), prereq w/ conc: PH 251	FA
<input type="checkbox"/>	PH 499	3	Physics Practicum	Graduating senior	FA
<b>Optics Concentration Requirements</b> 9 credits					
<input type="checkbox"/>	OPT 341	3	Geometrical Optics	PH 113, PH 305 and MA 244 w/ conc.	
<input type="checkbox"/>	OPT 342	3	Physical Optics	OPT 341	SP
<input type="checkbox"/>	OPT 411	3	Optics Lab	OPT 341 w/ conc.	SP
<b>Optics Concentration Elective Requirements</b> 6 credits					
Choose two PH/OPT 300-level or higher course					
<b>General Electives</b>					
Elective courses can be taken from any department and do not have to be taken in your major or minor.					
<b>Total = 120+ credits to graduate</b>					
36 of the 120 credits must be taken at 300-level or higher.					

**Charger Foundations Choices**

<b>I. Freshman Composition</b>	Choose 1	College Writing I & II (EH 101 + 102) Intensive Writing & Studio & Freshman Comp II (EH 101S + 101L & EH 102) Honors English Seminar (EH 105; equivalent to EH 101 & EH 102) Accelerated College Writing (EH 103; equivalent to EH 101 & EH 102)	
<b>II. Fine Arts</b>	Choose 1	Ancient to Medieval Art (ARH 100) Renaissance to Modern Art (ARH 101) World Art (ARH 103) Introduction to Drawing (ARS 160) Intro to Film Studies (FMA 123) Intro to Music Literature (MU 100) Theatre Appreciation (TH 122)	
<b>II. Humanities (Literature)</b>	Choose 1	Readings Literature/Culture I (EH 207) Readings Literature/Culture II (EH 208) Honors Literature/Culture I (EH 209) Honors Literature/Culture II (EH 210) Literature Without Borders (EH 241)	Mythology (EH 242) Protest Literature (EH 243) Heroes &/or Monsters (EH 244) Love &/or Romance (EH 245) Speculative Realities (EH 246)
<b>II. Humanities (Non-Literature)</b>	Choose 1	Ancient to Medieval Art (ARH 100) Renaissance to Modern Art (ARH 101) World Art (ARH 103) Introduction to Drawing (ARS 160) Ancient & Medieval Worlds (AMS 229) Public Speaking (CM 113) Intro to Film Studies (FMA 123) Intro to Music Literature (MU 100) Intro to Philosophy (PHL 101)	Intro to Philosophy (PHL 101) Intro to Ethics (PHL 102) Intro to Logic (PHL 103) Science, Tech & Human Values (PHL 150) Theatre Appreciation (TH 122) Intro to Women's Studies (WGS 200) Foreign Language (WLC 101) International Cinema (WLC 204)
<b>III. Mathematics</b>	→	Calculus A (MA 171 or MA 171S)	
<b>III. Natural Sciences (Lab Sequence)</b>	→	General Physics w/ Calculus I (PH 111/114) General Physics w/ Calculus II (PH 112/115)	
<b>IV. History</b>	Choose 1	World History I (HY 103) World History II (HY 104)	United States to 1877 (HY 221) United States Since 1877 (HY 222)
<b>IV. Social &amp; Behavioral Sciences</b>	Choose 2	World Geography (AES 105) Human Geography (AES 110) Global systems & Cultures (GS 200) Macroeconomics (ECN 142) Microeconomics (ECN 143) American Gov't (PSC 101) Politics & Foreign Govt (PSC 102)	International Relations (PSC 260) General Psychology (PY 101) Life Span Development (PY 201) Intro to Sociology (SOC 100) Analysis of Social Problems (SOC 102) Intro to Criminology (SOC 103)
<b>Students must take one literature and one history course.</b>			
<b>Students must also take <u>either</u> a second literature <u>or</u> history course to complete a sequence.</b>			
<b>Area II Sequence</b>	Take a 2 <sup>nd</sup> Literature <b>AND</b> History or Social & Behavioral Science		
<b>OR</b>			
<b>Area IV Sequence</b>	Take a 2 <sup>nd</sup> History <b>AND</b> Fine Arts or Non-Literature Humanities or Literature Humanities		
<b>Area V. Choices</b>			
<b>Computer Programming</b>	Choose 1	Intro to Computers & Programming (CS 100) Intro to C Programming (CS 102) Intro to Programming Using JAVA (CS 103) Intro to CS Using Python (CS 104)	