

Completed	Course Number	Credits	Course Name	Prerequisites, Corequisites and/or Prerequisites with Concurrency	Semester Usually Offered
Charger Foundations					
Area I: Freshman Composition 3-6 credits - see attached for more options					
<input type="checkbox"/>	EH 101	3	College Writing I	Placement	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	Placement	SP
<input type="checkbox"/>	EH 105	3	Honors English Seminar	Honors	FA
Area II: Humanities and Fine Arts 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	
Area III: Mathematics and Sciences 11-12 credits					
Mathematics 4 credits					
<input type="checkbox"/>	MA 171 or MA 171S	4	Calculus A	Placement or MA 113 or MA 115	FA/SP/SU
Natural Sciences (Lab) 8 credits					
<input type="checkbox"/>	CH 121/125	3/1	General Chemistry I + Lab	Placement or CH 101	FA
<input type="checkbox"/>	CH 123/126	3/1	General Chemistry II + Lab	CH 121	SP
Area IV: History and Social & Behavioral Sciences 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	
Area V: Pre-Professional					
For Physics Majors 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	
Major Requirements					
Physics Core 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
Applied & Theoretical Concentration Elective Requirements 19 credits					
<input type="checkbox"/>	PH 310	2	Intermediate Lab I	PH 113 or 116	FA
<input type="checkbox"/>	PH 311	2	Intermediate Lab II	PH 251, 310	SP
<input type="checkbox"/>	PH 421	3	Thermal & Statistical Physics	PH 351, PH 301 w/ conc.	SP
<input type="checkbox"/>	PH 431	3	Interm Electricity & Magnetism I	PH 305 and MA 201, MA 238 w/ conc.	
<input type="checkbox"/>	PH 432	3	Interm Electricity & Magnetism II	PH 431	SP
<input type="checkbox"/>	PH 451	3	Intro Quantum Mechanics I	PH 305, 351, and (MA 244 or 238)	FA
<input type="checkbox"/>	PH 452	3	Intro Quantum Mechanics II	PH 451	SP
General Electives					
Elective courses can be taken from any department and do not have to be taken in your major or minor.					
Total = 120+ credits to graduate					
36 of the 120 credits must be taken at 300-level or higher.					

Charger Foundations Choices

I. Freshman Composition	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)	
II. Fine Arts	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)	
II. Humanities (Literature)	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)
II. Humanities (Non-Literature)	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)
III. Mathematics	→	Calculus A (MA 171 or MA 171S)	
III. Natural Sciences (Lab Sequence)	→	General Physics w/ Calculus I (PH 111/114) General Physics w/ Calculus II (PH 112/115)	
IV. History	Choose 1	World History I (HY 103) World History II (HY 104)	United States to 1877 (HY 221) United States Since 1877 (HY 222)
IV. Social & Behavioral Sciences	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 Gov't (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)
Students must take one literature and one history course. Students must also take either a second literature or history course to complete a sequence.			
Area II Sequence	Take a 2 nd Literature AND History or Social & Behavioral Science		
OR			
Area IV Sequence	Take a 2 nd History AND Fine Arts or Non-Literature Humanities or Literature Humanities		
Area V. Choices			
Computer Programming	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)	