Curriculum for Physics

Freshman Fall Semester			Freshman Spring Semester		
Course	**Course Name**	**Cr**	**Course**	**Course Name**	**C**
26-201	General Physics I*	4	26-202	General Physics II*	4
25-251	Calculus I	4	25-252	Calculus II	4
24-101	Gen and Analytical Chemistry I	4	26-220	Scientific Programming	3
01-101	English Composition I*	3	01-102	English Composition II*	3
26-191	University Seminar I*	1	26-192	University Seminar II*	1
	Total Credits	16		Total Credits	1

Sophomore Fall Semester			Sophomore Spring Semester		
Course	**Course Name**	**Cr**	**Course**	**Course Name**	**C**
26-313	Analytic Mechanics I	3	26-314	Analytic Mechanics II	3
26-316	Introduction to Optics*	4	50-309	Electronic Circuit Analysis I	4
25-351	Differential Equations	3	25-253	Calculus III	4
01-xxx	World Literature Elective*	3	01-200	Speech	3
16-100	Lifetime Fitness and Wellness	2	xx-xxx	Arts and Humanities Elective	3
	Total Credits	15		Total Credits	1

Junior Fall Semester			Junior Spring Semester		
Course	**Course Name**	**Cr**	**Course**	**Course Name**	**C**
26-361	Modern Physics	3	26-362	Quantum Mechanics	3
26-331	Math Methods of Physics I	3	26-332	Math Methods of Physics II	3
26-305	Thermal Physics	3	26-xxx	Technical Elective	3
xx-xxx	Technical Elective	3/4	31-395	Global Societies	3
34-xxx	World History Elective	3	xx-xxx	Social Science Elective	3
	Total Credits	15-16		Total Credits	1

Senior Fall Semester			Senior Spring Semester		
Course	**Course Name**	**Cr**	**Course**	**Course Name**	**C**
26-401	Electricity and Magnetism I	3	26-402	Electricity and Magnetism II	3
26-407	Advanced Modern Physics	4	26-418	Theoretical & Experimental Research**	3
26-451	Introduction to Research*	3	26-xxx	Technical Elective	3
26-xxx	Technical Elective	3/4	xx-xxx	Technical Elective	3
xx-xxx	Arts and Humanities Elective	3			

Total Credits 16-17	Total Credits 1
	Total Credits:

** Senior Capstone
* Writing Intensive Course(s)

Students will complete a course that addresses the African-American experience. This course may also satisfy the arts & humanities elective, the social science elective or can be taken to fulfill a free elective

---

Source URL: http://desu.edu/curriculum-physics