

Louisiana Tech University Physics Curriculum Sheet

Name _____

Date _____

Student ID _____

Email _____

FRESHMAN YEAR (33 sch)											
Fall Quarter			Winter Quarter			Spring Quarter					
		Cr	Gr			Cr	Gr			Cr	Gr
PHYS 102	Introductory Physics	1		PHYS 103	Introductory Physics	1		MATH 242†	Math for Engr & Sci. III	3	
MATH 240†	Math for Engr & Sci. I	3		MATH 241†	Math for Engr & Sci II	3		CHEM 102†	General Chemistry	2	
CHEM 100†	General Chemistry	2		CHEM 101†	General Chemistry	2		CHEM 104†	General Chemistry Lab	1	
UNIV SEM 100	University Seminar	1		CHEM 103†	General Chemistry Lab	1		ENGL 102	Freshmen Comp. II	3	
BIO 130	Biological Principles	3		ENGL 101	Freshmen Comp. I	3		HIST _____°		3	
BIO 131	Biological Princ. Lab	1									
		11				10				12	

SOPHOMORE YEAR (32 sch)											
Fall Quarter			Winter Quarter			Spring Quarter					
		Cr	Gr			Cr	Gr			Cr	Gr
PHYS 201	Physics for Engr & Sci. I	3		PHYS 202	Phys for Engr & Sci II	3		PHYS 307	Thermodynamics	3	
MATH 243†	Math for Engr & Sci IV	3		MATH 244†	Math for Engr & Sci. V	3		MATH 245†	Math for Engr & Sci. VI	3	
PHYS 261	General Physics Lab	1		PHYS 262	General Physics Lab	1		Social Science °		3	
ENGL 201	Literature	3		Dir. Elective	(Computer Science)	3		Social Science		3	
or 202											
		10				10				12	

JUNIOR YEAR (32 sch)											
Fall Quarter			Winter Quarter			Spring Quarter					
		Cr	Gr			Cr	Gr			Cr	Gr
PHYS 416	Modern Physics	3		PHYS 417	Modern Physics	3		PHYS 424	Quantum Mechanics	3	
PHYS 418	Modern Physics Lab	1		PHYS 419	Modern Physics Lab	1		SPCH 110	Principles of Speech	3	
Arts	Fine Arts Appreciation	3		Math Elective		3		PHYS Directed Elective*		3	
Social Science		3		(MATH 308 Recommended)				PHYS Directed Elective*		3	
				ENGL 303	Technical Writing	3					
		10				10				12	

SENIOR YEAR (29 sch)											
Fall Quarter			Winter Quarter			Spring Quarter					
		Cr	Gr			Cr	Gr			Cr	Gr
PHYS 422	Physical Mechanics	3		PHYS 423	Physical Mechanics	3		PHYS 408	Elect. and Magn. Lab	1	
Math Elective		3		PHYS 406	Electricity and Magnet.	3		PHYS 407 (I)	Electricity/Magnet.	1	
(STAT 405 Recommended)				PHYS 407 (I)	Electricity and Magnet.	1		PHYS 304	Optics	3	
PHYS Directed Elective*		3		PHYS Directed Elective*		3		PHYS 435C	Undergrad. Research	3	
(PHYS 470C Recommended)											
		9				10				8	

* PHYS Directed electives must be approved by the Program Chair.

Total Hours: 125

† Grade of C or higher required

° HIST 102, GEOG 205, or GEOG 210 will count as the International Education Requirement