

CURRICULUM SUMMARY FOR THE BACHELOR OF SCIENCE IN PHYSICS
ENGINEERING-PHYSICS CONCENTRATION
TOTAL CREDITS REQUIRED:120

CORE CURRICULUM (STANDARD)		MAJOR (PHYSICS)	OTHER REQUIREMENTS	MINOR REQUIREMENTS
TSU COURSES	TCCNS EQUIVALENT			
42 credits		40 credits	38 credits	0 credits
<u>Communication:</u>		PHYS 152 (3)	MATH 241 (4)	
ENG 131 (3)	ENGL 1301	PHYS 217 (1)	MATH 242 (4)	
ENG 132 (3)	ENGL 1302	PHYS 252 (3)	MATH 243 (4)	
<u>Mathematics:</u>		PHYS 218 (1)	MATH 250 (3)	
MATH 136 (3)	MATH 2312	PHYS 332 (3)	MATH 251 (3)	
<u>Life and physical sciences:</u>		PHYS 333 (3)	FS 102 (1)	
CHEM 131 (3)	CHEM 1311	PHYS 336 (3)	CHEM 111 (1)	
PHYS 251 (3)	PHYS 2325	PHYS 338 (3)	CHEM 112 (1)	
<u>Language, philosophy, and culture:</u>		PHYS 341 (3)	CS 120 (3)	
ENG 2xx (3)		PHYS 360 (3)	CS 124 (3)	
<u>Creative arts:</u>		PHYS 415 (1)	CS 241 (3)	
MUSI 136 (3) or ART 135 (3)	MUSI 1306 or ARTS 1301	PHYS 416 (1)		
<u>American history:</u>		PHYS 432 (3)	<u>Engineering Electives:</u> Select one group from the following Engineering courses	
HIST 231 (3)	HIST 1301	PHYS 437 (3)	<u>Group1:</u>	
HIST 232 (3)	HIST 1302	PHYS 483 (3)	ECE 131 (3)	
<u>Government/political science:</u>		PHYS 484 (3)	ECE 131L (1)	
POLS 235 (3)	GOVT 2305		ECE 231 (3)	
POLS 236 (3)	GOVT 2306		ECE 211 (1)	
<u>Social and behavioral sciences:</u>			<u>Group2:</u>	
ECON 231 (3) or SOC 157 or PSY 131	ECON 2301		CIVE 141 (3)	
<u>Institutional Options:</u>			CIVE 141L (1)	
SC 135 (3)	SPCH 1321		CIVE 224 (3)	
CHEM 132 (3)	CHEM 1312		CIVE 224L (1)	