

TEXAS A&M UNIVERSITY - CORPUS CHRISTI
College of Science & Engineering
Physics Minor
2019-2020

Name: _____

A#: _____

Anticipated Graduation: _____

Major: _____

Required Courses (8 hours):

	<u>Offered</u>	<u>Pre-requisites</u>	<u>Hours</u>	<u>Grade</u>	<u>Term</u>
PHYS 2425 University Physics I	FL, SP, SUM	MATH 2413	4		
PHYS 2426 University Physics II	FL, SP, SUM	PHYS 2425, MATH 2414	4		

12 hours from the following:

PHYS 3334 Modern Physics I	FL, SP	PHYS 2426, co-req MATH 3315	3		
PHYS 3331 Mechanics I	FL	PHYS 2426, co-req MATH 3315	3		
PHYS 3332* Electromagnetism (possible to substitute EEEN 3310)	FL	PHYS 2426, co-req MATH 2415 or 3315	3		
PHYS 3333* Thermodynamics (possible to substitute ENGR 2316)	FL	PHYS 2426, co-req MATH 2415	3		
PHYS 4330* Math Methods for Physicists (possible to substitute MATH 4315)	SP	Co-req MATH 3315	3		
PHYS 4335 Quantum Physics	FL	PHYS 3334, co-req MATH 2415 or 3315	3		
PHYS 4337 Nuclear Physics	SP	PHYS 3334, co-req PHYS 4335 & MATH 2415 or 3315	3		
PHYS 4340 Advanced Physics Lab	SP	Co-req PHYS 3334	3		
PHYS 3490 Selected Topics	Varies	Varies	Varies		

NOTE: Students may need to take one or more of the following pre-requisites:

- MATH 2413 Calculus I
- MATH 2414 Calculus II
- MATH 2415 Calculus III
- MATH 3315 Differential Equations

Total Hours: _____

GPA: _____

Academic Minor Substitutions

EEEN 3310 Electromagnetic Theory for PHYS 3332 Electromagnetism

ENGR 2316 Thermodynamics for PHYS 3333 Thermodynamics

MATH 4315 Partial Differential Equations for PHYS 4330 Mathematical Methods for Physicists