

TEXAS A&M UNIVERSITY - CORPUS CHRISTI
College of Science & Engineering
Physics Minor
2020-2021

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

At least 9 hours required above must be completed in residence at TAMUCC.

The student must complete any necessary pre-requisites and maintain at least 2.00 GPA.

A student may count the same course for both major and minor requirements.

*Students majoring in technical areas may ask the Physics faculty to support course substitution(s) as appropriate.