

## Physics B.S. Suggested Plan of Study

**22-23 ACT 540-550 SAT**

### First Year

Fall	Hours	Spring	Hours	
ARSC 120	1	ARSC 220	1	
PHYS 199	1	B.S. Second Area 2 (GEF 8)	4	
MATH 126A	3	ENGL 101 (GEF 1)	3	
B.S. Second Area 1 (GEF 8)	3	MATH 128	4	
ECAS Fine Arts Requirement (GEF 6)	3	General Electives	3	
ECAS Global Studies & Diversity Requirement (GEF 7)*	3			
	15		15	30
		<b>SUMMER BEFORE SECOND YEAR:</b>		
		MATH 153	4	
		MATH 154 (GEF 3)	4	
			8	8

### Second Year

Fall	Hours	Spring	Hours	
UTCH 221 (GEF 4)	3	UTCH 222	3	
ENGL 102 (GEF 1)	3	PHYS 112 (B.S First Area 2)	4	
MATH 156 (GEF 8; B.S. Third Area 1)	4	PHYS 314	4	
PHYS 111 (GEF 2; B.S First Area 1)	4	MATH 251 (B.S Third Area 2)	4	
General Elective	1	General Elective	1	
	15		16	31

### Third Year

Fall	Hours	Spring	Hours	
PHYS 490	3	PHYS 376	3	
PHYS 331	3	PHYS 332 or 334	3	
PHYS 333	3	Second Teaching Area Recommended 1	3/4	
General Elective	2	PHYS 461	3	
MATH 261	4	PHYS 211	3	
	15		15-16	30-31

### Fourth Year

Fall	Hours	Spring	Hours	
UTCH 420	3	UTCH 430 Apprentice Teaching	10	
General Elective	3/2	PHYS 496	3	
Second Teaching Area Recommended 2	3/4			
PHYS 451	3			
MATH 318 (GEF 5)	3			
	14-16		13	27-29

Total credit hours required: 120

126-129

CHEM/MATH/PHYS 490 are good electives for future teachers.

PHYS 112 and 314 are not a recommended combination. If at all possible, students should also take PHYS 111 during the summer before their second year. It can be taken with MATH 154 in the second summer session.

\*Students who wish MATH certification instead of chemistry can replace the two additional chemistry courses with mathematics courses chosen with advisor permission, the Global studies GEF must be taken at some point in the sequence.