

PHYSICS BS - 4 YEAR PLAN

YEAR 1

FALL		WINTER		SPRING		SUMMER		Total units
Course	Units	Course	Units	Course	Units	Course	Units	
Math 31A (QR)	4	Math 31B	4	Phys 1A (GE)	5			
ELWR	5	Writing I	5	Math 32A	4			
Chem 20A (GE)	4	GE (AH&I)	5	Writing II (GE)	5			
Fiat Lux	1	GE	4	GE/Diversity	5			
Total Units	14		18		19		0	51

YEAR 2

FALL		WINTER		SPRING		SUMMER		Total units
Course	Units	Course	Units	Course	Units	Course	Units	
Phys 1B	5	Phys 1C	5	Math 33B	4			
Math 32B	4	Math 33A	4	UD Math	4			
Phys 4AL	2	Phys 4BL	2	GE	5			
GE	4							
Total Units	15		11		13		0	39

YEAR 3

FALL		WINTER		SPRING		SUMMER		Total units
Course	Units	Course	Units	Course	Units	Course	Units	
Phys 17	4	Phys 105A	4	Phys 105B	4			
Phys 131	4	Phys 110A	4	Phys 115A	4			
GE	5	UD Phys	4	Phys 18L	4			
FL	4	FL	4	FL	4			
Total Units	17		16		16		0	49

YEAR 4

FALL		WINTER		SPRING		SUMMER		Total units
Course	Units	Course	Units	Course	Units	Course	Units	
Phys 115B	4	Phys 180	4	Phys 112	4			
Phys 110B	4	Phys 115C	4	Phys 180	4			
UD Phys	4	UD Phys	4	UD Elective	4			
GE	5							
Total Units	17		12		12		0	41

Total Units 180

NOTES

- This is a sample program plan. Your program plan will differ depending on previous credit received, your course schedule, and available offerings.
- Students are strongly advised to work with an academic counselor to determine a personal program plan.
- Students who receive credit for courses taken prior to matriculation may be able to reduce their course load or avoid taking summer classes if they have enough elective units to graduate.
- Students may choose to complete a GE Cluster to satisfy 5 requirements (4 GEs and Writing II) with 3 classes. GE Clusters also carry Honors credit.
- Many of the major courses are sequential, have pre-requisites, and/or are only available once a year. Students are strongly advised to work with the College and the department to ensure efficient programming.

PHYSICS BS - 3 YEAR PLAN

YEAR 1

FALL		WINTER		SPRING		SUMMER		Total units
Course	Units	Course	Units	Course	Units	Course	Units	
Math 31B* (QR)	4	Phys 1A (GE)	5	Phys 1B	5	Phys 1C	5	
ELWR	5	Math 32A	4	Math 32B	4	Math 33A	4	
Chem 20A (GE)	4	Writing I	5	Phys 4AL	2	Phys 4BL	2	
GE	5	GE (AH&I)	5	GE	5			
Total Units	18		19		16		11	64

YEAR 2

FALL		WINTER		SPRING		SUMMER		Total units
Course	Units	Course	Units	Course	Units	Course	Units	
Phys 17	4	Phys 105A	4	Phys 105B	4	GE	4	
Phys 131	4	Phys 110A	4	Phys 110B	4	GE	5	
Math 33B	4	Phys 18L	4	Phys 115A	4	elective	4	
Writing II (GE)	5	GE/Diversity	5	GE	5	elective	4	
Total Units	17		17		17		17	68

YEAR 3

FALL		WINTER		SPRING		SUMMER		Total units
Course	Units	Course	Units	Course	Units	Course	Units	
Phys 115B	4	Phys 115C	4	Phys 112	4			
UD Phys	4	Phys 180	4	Phys 180	4			
UD Phys	4	UD Phys	4	UD Elective	4			
FL	4	FL	4	FL	4			
Total Units	16		16		16		0	48

Total Units 180

NOTES

- This is a sample program plan. Your program plan will differ depending on previous credit received, your course schedule, and available offerings.
- Students are strongly advised to work with an academic counselor to determine a personal program plan.
- Students who receive credit for courses taken prior to matriculation may be able to reduce their courseload or avoid taking summer classes if they have enough elective units to graduate.
- Students may choose to complete a GE Cluster to satisfy 5 requirements (4 GEs and Writing II) with 3 classes. GE Clusters also carry Honors credit.
- Many of the courses required for the major are sequential, have pre-requisites, or are only available once a year. Students are strongly advised to work with the College and the department to ensure efficient programming.
- Students must have credit for Math 31A prior to matriculation to attempt a 3 year plan, due to the sequential nature of the major.

REQUIRED COURSES

University Requirements	<ul style="list-style-type: none"> • American History & Institutions • Entry Level Writing Requirement
College Requirements*	<ul style="list-style-type: none"> • General Education (9 or 10 courses; consult General Catalog for specific requirements) • Writing I • Writing II • Quantitative Reasoning • Foreign Language (proficiency level 3) • Diversity • Electives (to reach minimum 180 units required for degree) • Upper division electives (to reach minimum 60 units required, including major courses)
Prep for Major Requirements	<ul style="list-style-type: none"> • PHYSICS 1A or 1AH, 1B or 1BH, 1C or 1CH, 4AL, 4BL, 17, 18L • CHEM 20A • MATH 31A, 31B, 32A, 32B, 33A, 33B
Major requirements**	<ul style="list-style-type: none"> • PHYSICS 105A, 105B, 110A, 110B, 112, 115A, 115B, 115C, 131 • 2 courses from PHYSICS 118 and 180A-180Q • 3 UD PHYSICS, preferably from 108, 114, 117, M122, 123, 124, 126, 127, 128, 132, 140A, 140, 144, 150, C187A, 188A
NOTES	<p>* consult your College or School advising unit for requirements and regulations.</p> <p>**consult department or General Catalog for requirements and courses.</p> <ul style="list-style-type: none"> • A plan must be worked out <i>in writing</i> five terms prior to graduation in conjunction with departmental advisor. • The upper division electives need not be in physics. However, it is expected that the courses will fit in a coherent structure. Please contact the undergraduate advisor for more information about this.