PHYSICS • Secondary Education Track

PHYSICS DEPARTMENT • HENSON SCHOOL

CURRICULUM GUIDE

Rev. 2/17

NAME:_____ ID#:_____ DATE:_____

THIS CURRICULUM GUIDE IS AN UNOFFICIAL TOOL FOR PLANNING.
Matriculated students and advisors should consult the Academic Requirements Report in GullNet before and after registering for classes each semester to track academic progress.

UNIVERSITY POLICIES

- Refer to the SU catalog for approved prerequisites and General Education courses.
- All graduates must have a minimum of 120 credits.
- All graduates must have a minimum of 30 credits of 300/400-level courses with C grade or above; at least 15 of those credits must be taken at SU.
- Students must have a minimum cumulative GPA of 2.0 for graduation.
- Students must complete at least 30 credit hours by direct classroom instruction and/or laboratory experience.
- Students must take 30 of the last 37 credit hours at SU.
- Ⓑ indicates the recommended minimum grade; although a C meets the requirement, SU history shows that students who graduate with this major earned this grade or higher for this course.
- **Bold courses are foundation courses and are required for courses later in the sequence.**

First Year

❑	**PHYS 221Ⓑ**	**Physics I**	4
❑	**MATH 201**	**Calculus I**	4
❑	HIST 10X	Gen Ed. IIA HIST 101, 102, or 103	4
❑	**EDUC 210**	**School in a Diverse Society**	3
			15
❑	**PHYS 223Ⓑ**	**Physics II**	4
❑	**MATH 202Ⓑ**	**Calculus II**	4
❑	ENGL 103	Composition and Research	4
❑	PHYS 108	Introduction to Astronomy	4
	OR		
❑	PHYS 109	Principles of Astronomy	3
			15-16/30-31

Winter/Summer Term

List courses that were taken during winter/summer terms:

❑ _____ _____ ....____

❑ _____ _____ ....____

Second Year

❑	**PHYS 225**	**Physics III**	3
❑	**CHEM 121**	**General Chemistry I**	4
❑	**MATH 310**	**Calculus III**	4
❑	IIIA	Gen. Ed. Humanities course	4
			15/45-46
❑	**PHYS 309**	**Mathematical Physics**	3
❑	**CHEM 122**	**General Chemistry II**	4
❑	**MATH 311**	**Differential Equations I**	4
❑	IIIB	Gen. Ed. Social Science course	3-4
❑	**SCED 300**	**Development, Learning and Assessment**	3
			17-18/62-64

Winter/Summer Term

List courses that were taken during winter/summer terms:

❑ _____ _____ ....____

❑ _____ _____ ....____

Third Year

❑	PHYS 311	Electrical Circuits and Electronics	4
❑	**PHYS 313**	**Introduction to Modern Physics**	3
❑	GEOL 103	Physical Geol	4
	OR		
❑	GEOG 104	Earth & Space Science	4
❑	BIOL 101	Fundamentals of Biology	4
❑	FTWL 106	Lifelong Fitness and Wellness	3
			18/79-82
❑	PHYS 314	Mechanics	3
❑	PHYS 315	Electricity and Magnetism	3
❑	CHEM 207	Lab Safety	1
	OR		
❑	MDTC 101	Lab Safety	1
❑	SCED 318	Computers in Education	3
	OR		
❑	SCED 319	Technology in Education	1
❑	**SCED 374**	**Science/Reading Methods I**	4
❑	HIST XXX	Gen. Ed. IIB History course	4
			16-18/96-100

Winter/Summer Term

List courses that were taken during winter/summer terms:

❑ _____ _____ ....____

❑ _____ _____ ....____

Fourth Year

❑	IIIC	Gen. Ed. Social Science/Humanities course	3-4
❑	SCED 474	Science/Reading Methods II	4
❑	SCED 367	Inclusive Inst. For Secondary Teachers	3
❑	ENGL XXX	Gen. Ed. IB Literature course	4
❑	SCED 434	Classroom management	3
			17-18/113-118
❑	SCED 426	Internship in Middle or High School Ed.	6
❑	SCED 428	Internship in Middle or High School Ed.	6
❑	SCED 433	Reflection and Inquiry in Teaching	2
			14/127-132

Salisbury UNIVERSITY