

Health Physics (BS)

The following course sequence sheet is for illustrative purposes only and should not be construed as formal academic advisement. Course selections and sequence may vary depending on course availability and counsel from your academic adviser. You should consult an academic adviser before developing an actual academic plan.

Cr.	First Semester	Cr.	Second Semester
4	CHEM.115 Chemistry for Sciences I	4	CHEM.116 Chemistry for Sciences II
3	MATH.125 Calculus I or MATH.113 Pre-Calculus (if required based on testing)	3	MATH.126 Calculus II or MATH.125 Calculus I (if MATH.113 was required)
3	PHYSICS.123 Contemporary Physics	4	PHYSICS.211 General Physics I
3	ENGLISH.101 Composition I or General Education Group B (Social Sciences)	3	General Education Group B (Social Sciences) or ENGLISH.101 Composition I
1	INTSTUDY.100 Optional University Seminar		
14	Total Semester Credits	14	Total Semester Credits
Cr.	Third Semester	Cr.	Fourth Semester
4	PHYSICS.212 General Physics II	3	PHYSICS.310 Modern Atomic Physics
4	BIOLOGY.114 Concepts of Biology I	4	BIOLOGY.115 Concepts of Biology II
3	MATH.225 Calculus III or MATH.126 Calculus II (if MATH.113 was required)	3	MATH.322 Differential Equations or MATH.225 Calculus III (if MATH.113 was required)
3	2nd Level Writing Course	3	General Education Group A (Humanities)
1	General Education Fitness/Recreation Skills	3	General Education Group B (Social Sciences)
15	Total Semester Credits	16	Total Semester Credits
Cr.	Fifth Semester	Cr.	Sixth Semester
2	PHYSICS.320 Nuclear Radiation I	2	PHYSICS.420 Nuclear Radiation II
3	PHYSICS.330 Radiation Physics	3	BIOLOGY.411 Radiation Biology
3	COMPSCI.116 Algorithmic Processes	3	Free Elective or MATH.241 Prob & Stats (if MATH.113 was required)
3	MATH.241 Probability and Statistics or MATH.322 Differential Eq	3	General Education Group A (Humanities)
3	General Education Communications	3	General Education Group B (Social Sciences)
1	General Education Fitness/Recreation Skills	1	Free Elective
15	Total Semester Credits	15	Total Semester Credits

Cr.	Seventh Semester	Cr.	Eighth Semester
4	PHYSICS.315 Electronics	3	PHYSICS.460 Applied Health Physics
3	PHYSICS.360 Health Physics	3	PHYSICS.488 Internship in Health Physics
3	General Education Group A (Humanities)	3	General Education Group A (Humanities)
3	General Education Group B (Social Sciences)	3	Free Elective
3	General Ed. Values, Ethics, Decision-Making	3	Free Elective
16	Total Semester Credits	15	Total Semester Credits
TOTAL CREDITS: 120			