

A.S. Health Physics

Admission to this program requires approval of the Department Chair.

The objective of the Idaho State University program that awards an Associate of Science in Health Physics is to develop an individual to assume the role of a health physics technician (sometimes referred to as Radiological Control Technician or RCT) with the knowledge in radiological and biological sciences appropriate for this career option. That same knowledge serves as the basis for certification by the National Registry of Radiation Protection Technologist (NRRPT). Students completing this program will develop the fundamental skills important to life-long learning and advancing within the discipline of Health Physics.

Students must fulfill 8 of the 9 University General Education Requirements (a minimum of 36 credits--see the General Education Requirements (<http://coursecat.isu.edu/undergraduate/academicinformation/generaleducation/>) described in the Academic Information section of this catalog.)

Code	Title	Credits
BIOL 1101 & 1101L	Biology I and Biology I Lab (Partially Satisfies General Education Objective 5)	4
BIOL/HPHY 3307	Radiobiology	2
CHEM 1111 & 1111L	General Chemistry I and General Chemistry I Lab (Partially satisfies General Education Objective 5)	5
CHEM 1112 & 1112L	General Chemistry II and General Chemistry II Lab	4
COMM 1101	Fundamentals of Oral Communication (Satisfies General Education Objective 2)	3
ENGL 1102	Writing and Rhetoric II (Partially Satisfies General Education Objective 1)	3
ECON 1100	Economic Issues (Partially Satisfies General Education Objective 6)	3
MATH 1147	College Algebra and Trigonometry	5
or		
MATH 1143 & MATH 1144	College Algebra and Trigonometry	5
MATH 1153	Statistical Reasoning (Satisfies General Education Objective 3)	3
PHIL 1101	Introduction to Philosophy (Partially Satisfies General Education Objective 4)	3
PHYS 1111	General Physics I	3
PHYS 1113	General Physics I Laboratory	1
PHYS 1112	General Physics II	3
PHYS 1114	General Physics II Laboratory	1
PSYC 1101	Introduction to Psychology (Partially satisfies General Education Objective 6)	3
HPHY 2217	RCT Internship	3
HPHY 2218	Fundamentals of Radiation Protection Physics	3
HPHY 2219	RCT Internship II	3

HPHY 2225	Radiation Protection Instrumentation	3
HPHY 2226	Radiation Protection I	3
HPHY 2227	Radiation Protection II	3
HPHY 2228	Health Physics Regulations	3
HPHY 3300	Medical Electronics	2