

THE UNIVERSITY OF RHODE ISLAND
College of Education and Professional Studies
School of Education

Specialization Requirements in Secondary Education – GENERAL SCIENCE

Required:

Date(s) Completed	Grade	Course Number	Title	Prerequisites	Credits
		BIO 101 & 103	Principles of Biology I and Lab		3 & 1
		BIO 102 & 104	Principles of Biology II and Lab	BIO 101, 103	3 & 1
		CHM 101 & 102	General Chemistry and Lab		3 & 1
		CHM 112 & 114	General Chemistry II and Lab	CHM 101, 102	3 & 1
		PHY 111 & 185	General Physics and Lab		3 & 1
		PHY 112 & 186	General Physics II and Lab		3 & 1

Two of the following:

		AST 108	Introductory Astronomy		3
		GEO 100	Environmental Geology		3
		GEO 103	Understanding the Earth		4
		OCG 301	General Oceanography	at least one year of bio or phy sci with lab	3

Additional science courses at the 300 level or above

					3-4
					3-4
					3-4

Total credits in Science required (minimum)**37**

Other requirements:

One semester of math – a year recommended (please list):

		MTH ____			3-4
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All science students are **urged to consider** the following areas in their program:

- Courses specifically reflecting the history and/or philosophy of science.
- For instance: GWS 220, HIS 116, PHL 215, or BIO/GEO 272