



**RECOMMENDED MATHEMATICS AND SCIENCE COURSES
FOR ELEMENTARY EDUCATION AND COMPREHENSIVE SPECIAL EDUCATION**

The following Mathematics courses are recommended to fulfill the Mathematics single subject, as well as the additional Mathematics course requirement for prospective elementary or comprehensive special education teachers.

<u>Dept/number</u>	<u>Course Name</u>	<u>Credits</u>
MATH 1011Q	Introductory College Algebra and Mathematical Modeling	3
MATH 1020Q	Problem Solving	3
MATH 1030Q	Elementary Discrete Mathematics	3
MATH 1060Q	Pre-Calculus	3
MATH 1070Q	Mathematics for Business and Economics	3
MATH 1071Q	Calculus for Business and Economics	3
MATH 1131Q	Calculus 1	4
MATH 1132Q	Calculus 2	4
MATH 2010Q*	Fundamentals of Algebra and Geometry	3
MATH 2011Q**	Fundamentals of Algebra and Geometry	3
STAT 1000Q	Introduction to Statistics I	4
STAT 1100Q	Elementary Concepts of Statistics	4

NOTE: Please check University of Connecticut General Catalog for course description and required prerequisite courses for courses listed above.

- * MATH 2010Q is required for elementary education students
- **MATH 2011Q is highly recommended for elementary education students

The following Science courses are recommended to fulfill the Science single subject, as well as the additional Science course requirement for prospective elementary or comprehensive special education teachers.

<u>Dept/Number</u>	<u>Course Name</u>	<u>Credits</u>
ANSC (Animal Science) 1645	The Science of Food	3
BIOL (Biology) 1102	Foundations of Biology	4
BIOL (Biology) 1110	Introduction to Botany	4
EEB (Ecology & Evol. Biol.) 2202	Evolution and Human Diversity	3
EEB (Ecology & Evol. Biol.) 2208	Introduction to Conservation Biology	3
EVST (Environmental Studies) 1000	Introduction to Environmental Studies	3
GEOG (Geography) 1300	Climate, Weather, and the Environment	3
GEOG (Geography) 1302	GIS Modeling of Environmental Change	4
GEOG (Geography) 2300	Introduction to Physical Geography	3
GEOG (Geography) 3400	Climate and Weather	3

<u>Dept/Number</u>	<u>Course Name</u>	<u>Credits</u>
GSCI (Geoscience) 1010	Dinosaurs, Extinctions, and Environmental Catastrophes	3
GSCI (Geoscience) 1050	Earth's Dynamic System (with Lab)	4
GSCI (Geoscience) 1051	Earth's Dynamic Environment	3
GSCI (Geoscience) 1052	Earth's Dynamic Environment (Laboratory)	1
GSCI (Geoscience) 1070	Natural Disasters and Environmental Change	3
MARN (Marine Science) 1001	The Sea Around Us	3
MARN (Marine Science) 1002	Introduction to Oceanography	3
MARN (Marine Science) 1003	Introduction to Oceanography (with Lab)	4
NRE (Natural Resources) 1000	Environmental Science	3
NRE (Natural Resources) 2345	Introduction to Fisheries and Wildlife	3
NRE (Natural Resources) 3145	Meteorology	3
NRE (Natural Resources) 3146	Climatology	3
NUSC (Nutrition) 1165	Fundamentals of Nutrition	3
NUSC (Nutrition) 1645	The Science of Food	3
PHAR (Pharmacy) 1000	Drugs: Actions and Impact on health and Society	3
PHAR (Pharmacy) 1001	Toxic Chemicals and Health	3
PHYS (Physics) 1010Q	Elements of Physics	4
PHYS (Physics) 1020Q	Introductory Astronomy	3
PHYS (Physics) 1025Q	Introductory Astronomy (with Lab)	4
PHYS (Physics) 1030Q	Physics of the Environment	3
PHYS (Physics) 1035Q	Physics of the Environment (Lab)	4
SCI (Science) 1150	Unifying Concepts in Biology, Chemistry, and Physics	4
SPSS (Sustainable Plant & Soil Systems) 1110 (previously HORT 1110)	Fundamentals of Horticulture	3

If you have any questions about Mathematics or Science single subject courses, please contact Dr. Ann Traynor, ann.traynor@uconn.edu or 860.486.1354.

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