ENV AND RADIOG HEALTH
SCI-CSU (ERHS)

ERHS 5010 - Biological Basis of Public Health (2 Credits)
Biological basis of underlying major public health problems, focusing
on risk factors, pathogenesis, and pathophysiology, plus a review of the
anatomy and physiology of selected major organ systems and associated
diseases, clinical terminology, the underlying biological mechanisms and
biological impact of disease in public health.
Grading Basis: Letter Grade
Additional Information: Colorado State University.
Typically Offered: Fall.

ERHS 5350 - R Programming for Research (3 Credits)
In-depth instruction on data collection, data management, programming
and visualization using data examples relevant to academic research.
Grading Basis: Letter Grade
A-PUBH1 Graduate students and public health certificate students only.
Additional Information: Colorado State University.
Typically Offered: Spring.

ERHS 5380 - Geographic Information Systems and Health (3 Credits)
This course will familiarize students with applications of geographic
information systems (GIS) in public health. Topics include a basic
understanding of geodatabases, geocoding, production of effective
disease maps, global positioning systems (GPS), visualization,
classification and accuracy assessment. Prerequisite: ERHS 5320 or
permission of instructor
Grading Basis: Letter Grade
Repeatable. Max Credits: 3.
A-PUBH1 Graduate students and public health certificate students only.
Additional Information: Colorado State University.
Typically Offered: Spring.

ERHS 5600 - Health Impact Assessment (1 Credit)
Application of a Health Impact Assessment approach to systematically
judge the potential health effects of a policy or project and the
distribution of those effects within the population.
Grading Basis: Letter Grade
Additional Information: Colorado State University.
Typically Offered: Fall.

ERHS 5730 - Design and Conduct of Epidemiologic Research (2 Credits)
This course prepares students to design and implement an epidemiologic
study from the development of a research question and study design
through data analysis and dissemination. Prerequisites: Introductory
Epidemiology course or equivalent.
Grading Basis: Letter Grade
Additional Information: Colorado State University.
Typically Offered: Fall.

ERHS 5810 - Experimental Course - ERHS (1-5 Credits)
Experimental course in environmental and radiological health sciences.
Grading Basis: Letter Grade
Repeatable. Max Credits: 5.
A-PUBH1 Graduate students and public health certificate students only.
Additional Information: Colorado State University.
Typically Offered: Fall, Spring, Summer.

ERHS 6400 - CSU Advanced Epidemiology (3 Credits)
In-depth exploration of advanced epidemiologic methods. Prereq: ERHS
5320.
Grading Basis: Letter Grade
A-PUBH1 Graduate students and public health certificate students only.
Additional Information: Colorado State University.
Typically Offered: Spring.

ERHS 6580 - Environmental/Occupational Epidemiology (3 Credits)
Epidemiologic analyses of effects of exposure to environmental and
occupational health hazards. Prereq: ERHS 5320.
Grading Basis: Letter Grade
A-PUBH1 Graduate students and public health certificate students only.
Additional Information: Colorado State University.
Typically Offered: Spring.

ERHS 6930 - Research Seminar-Epidemiology (1 Credit)
Presentation of student research and discussion of publications from
scientific literature.
Grading Basis: Letter Grade
A-PUBH1 Graduate students and public health certificate students only.
Additional Information: Colorado State University.
Typically Offered: Fall, Spring.

ERHS 6950 - Independent Study - Epidemiology (1-5 Credits)
Specialized study in epidemiology under supervision of faculty.
Grading Basis: Letter Grade
Repeatable. Max Credits: 5.
A-PUBH1 Graduate students and public health certificate students only.
Additional Information: Colorado State University.
Typically Offered: Fall, Spring, Summer.