

Environmental Health Specialist Registration Board

Approved List of Science Courses

The following courses ARE acceptable as a “basic science”:

A

AIR QUALITY
ANATOMY

B

BACTERIOLOGY
BIOCHEMISTRY
BIOLOGY W/LABORATORY
BIOPHYSICS
BOTANY

C

CELL / CELLULAR PHYSIOLOGY
CHEMISTRY (INORGANIC/LAB)
CHEMISTRY (ORGANIC/LAB)

E

ECOLOGY (IF TAUGHT IN BIO. DEPT.)
EMBRYOLOGY
ENDOCRINOLOGY
ENTOMOLOGY
ENVIRONMENTAL HEALTH COURSES
EPIDEMIOLOGY

F

FOOD BACTERIOLOGY
FOOD SCIENCE

G

GENETICS
GEOLOGY
GEOPHYSICS

H

HAZARDOUS WASTE
HEALTH SCIENCE
HERPETOLOGY
HISTOLOGY
HYDRO GEOLOGY
HYDROLOGY

I

ICHTHYOLOGY
INDUSTRIAL HYGIENE

L

LIMNOLOGY

M

MATHEMATICS (COLLEGE ALGEBRA +)
MICROBIOLOGY W/LAB
MOLECULAR BIOLOGY

O

OCCUPATIONAL HEALTH
ORNITHOLOGY

P

PARASITOLOGY
PATHOLOGY
PHYSICAL GEOLOGY
PHYSICS
PHYSIOLOGY
PLANT TOXICOLOGY

PUBLIC HEALTH

R

RADIOLOGICAL HEALTH

S

SANITARY ENGINEERING
SEWAGE SANITATION
SOIL SCIENCE

T

TOXICOLOGY

V

VECTOR CONTROL

VIROLOGY

Z

ZOOLOGY

Basic Science Requirements:

A “basic science” is a course that provides the student with an understanding of the fundamental principles of the subject. Science courses must normally be acceptable to a science degree. Courses designed only for liberal arts, general education or non-science degrees are not acceptable. Remedial mathematics and science courses are not acceptable as meeting the basic science requirements. Credit will not be allowed for more than one course with essentially the same content. The general sciences must be integrative courses that include those principles essential to the overall discipline. The remaining basic science courses may be limited to one or more divisions within the discipline and may be more descriptive in their approach.

These courses must be acceptable in a science degree such as Biology or pre-med. In other words, the Chemistry course that a History major would take to complete the science requirements would normally not be acceptable. They are the fundamental science courses that form the core structures for all science coursework.

College algebra (third-year algebra) is a course for which intermediate algebra or trigonometry shall normally be prerequisites.

If applicant holds a masters degree in any of the areas above and has one year of work experience they do not need to have 45 science hours. Per the board on November 17, 2006.

** Exam – Old PES raw score of 175 = 70%

To compute quarter hours to semester hours multiply hours by 2/3

****To compute semester hours to quarter hours multiply hours by 1.5****

Environmental Health Specialist Registrations Board List of Science Courses to be Considered

The following courses are applied science courses to be considered:

A

AIR POLLUTION

ASTRONOMY

B

BIOGEOGRAPHY

BIOSTATISTICS

C

CLIMATOLOGY

COMMUNITY HEALTH

COMPUTER SCIENCE

D

DAIRY SCIENCE

F

FAMILY HOUSING

G

GEOGRAPHY

GEOMORPHOLOGY

H

HEALTH EDUCATION

HISTORICAL GEOLOGY

L

LEAD TRAINING

M

METEOROLOGY

P

PALEONTOLOGY

PHYSICAL SCIENCE

S

STATISTICS

W

WEATHER CLIMATE

(Per Board Meeting 11/17/06)

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