

# Registered Environmental Health 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  
EPIDEMIOLOGY

## **F**

FOOD BACTERIOLOGY

## **G**

GENETICS  
GEOLOGY  
GEOPHYSICS

## **H**

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

## **R**

RADIOLOGICAL HEALTH

## **S**

SANITARY ENGINEERING  
SOIL SCIENCE

## **T**

TOXICOLOGY

## **V**

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.

\*\* 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\*\*\*\*