REGISTERED ENVIRONMENTAL HEALTH SPECIALIST REQUIREMENTS

106635. The requirements for registration of environmental health specialists shall be a minimum of a bachelor’s degree from a department approved educational institution or an educational institution of collegiate grade listed in the directory of accredited institutions of postsecondary education compiled by the American Council on Education, with coursework prescribed as follows:

<table>
<thead>
<tr>
<th>Basic Requirements</th>
<th>Experience</th>
<th>Training</th>
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<tbody>
<tr>
<td>I. 30 semester or 45 quarter basic science units</td>
<td>18 months</td>
<td>600 hours</td>
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<td>including each of the following:</td>
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<td>General Chemistry Lecture and Laboratory</td>
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<td>General Physics Lecture and Laboratory <strong>or</strong></td>
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<td>Organic Chemistry Lecture and Laboratory</td>
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<td>General Microbiology Lecture and Laboratory</td>
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<td>General Biological Science Lecture and Laboratory</td>
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<tr>
<td>Calculus or College Algebra</td>
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</table>

II. 45 semester or 68 quarter basic science units        | one year   | 450 hours|
| including the following:                                |            |          |
| Three of the required science courses shall include a laboratory: |          |          |
| General Chemistry                                       |            |          |
| Organic Chemistry                                       |            |          |
| General Physics                                         |            |          |
| General Microbiology                                    |            |          |
| General Biological Science                              |            |          |
| Calculus or College Algebra                             |            |          |

Do your part to help California save energy. To learn more about saving energy, visit the following web site: www.consumerenergycenter.org/flex/index.html
III. 30 semester or 45 quarter basic science  
units including each of the following:
  General Chemistry Lecture and Laboratory
  General Physics Lecture and Laboratory or
    Organic Chemistry Lecture and Laboratory
  General Microbiology Lecture and Laboratory
  General Biological Science Lecture and Laboratory
  Calculus or College Algebra

**Plus**
Three semester or four quarter unit 
courses in each of the following:
  Epidemiology
  Statistics
  Public Administration or Environmental Health Administration

**And**
10 semester or 15 quarter units in environmental health 
science including one or more of the following:
  water quality, waste management, food and consumer protection, housing and 
institution sanitation, vector control, recreational health, air quality, milk and dairy 
products, occupational health, electromagnetic radiation, noise control, 
toxicology, soil science, or land use development.

IV. 45 semester or 68 quarter basic science  
units including the following:

  Three of the required science courses 
  shall include a laboratory:
    General Chemistry
    Organic Chemistry
    General Physics
    General Microbiology
    General Biological Science
    Calculus or College Algebra

**Plus**
Three semester or four quarter unit 
courses in each of the following:
  Epidemiology
  Statistics
  Public Administration or Environmental Health Administration

**And**
10 semester or 15 quarter units in environmental health science including one or more of the following:
  water quality, waste management, food and consumer protection, housing and institution sanitation, vector control, recreational health, air quality, milk and dairy products, occupational health, electromagnetic radiation, noise control, toxicology, soil science, or land use development.

V. Possess a minimum of a bachelor's degree in environmental health from an institution approved by the committee which includes:

  None required

One year of lecture and laboratory coursework in each of the following:
  General Chemistry
  General Physics
  General Biological Science

And

One semester course in each of the following:
  Calculus or College Algebra
  Organic Chemistry
  General Microbiology with Laboratory
  Public Administration or Environmental Health Administration
  Epidemiology
  Statistics
  Field Orientation Course in Environmental Health

And

Fifteen semester units of environmental health science courses selected from the following:
  water quality, waste management, food and consumer protection, housing and institution sanitation, vector control, recreational health, air quality, milk and dairy products, occupational health, electromagnetic radiation, noise control, toxicology, soil science, or land use development.

All basic science coursework including mathematics shall be equal to that acceptable in an approved environmental health degree program.*

*NOTE: A basic science is a course that provides the student 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.

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