

APPROVED COURSES

As approved by the Sanitarian and Environmental Specialist Registration Advisory Council August 16, 1989, and amended October 18, 1989; October 13, 1993; October 9, 2002; December 8, 2004; December 7, 2005; and April 12, 2006.

Qualifications for registration are a four-year baccalaureate degree with a major in public health, environmental health, environmental science, physical science, natural science, biological science, agricultural science or equivalent, from an accredited college or university with at least thirty (30) semester hours of work in physical, natural, and biological sciences, public health and/or environmental health.

A. Basic Science Courses (30 Semester Units) such as:

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| 1. Anatomy | 18. Geology | 34. Physical Science |
| 2. Animal Breeding | 19. Geophysics | 35. Physics |
| 3. Bacteriology | 20. Herpetology | 36. Physiology |
| 4. Biochemistry | 21. Histology | 37. Plant Toxicology |
| 5. Biology | 22. Hydrology | 38. Principles of Animal Nutrition |
| 6. Biophysics | 23. Hydro-Geology | 39. Radiological Health |
| 7. Botany | 24. Ichthyology | 40. Sanitary Engineering |
| 8. Cell/Cellular Physiology | 25. Limnology | 41. Soil Science |
| 9. Chemistry, Inorganic | 26. Meat, Animal and
Carcass Evaluation | 42. Toxicology |
| 10. Chemistry, Organic | 27. Meat Science | 43. Virology |
| 11. Ecology | 28. Meteorology | 44. Zoology |
| 12. Embryology | 29. Microbiology | |
| 13. Entomology | 30. Molecular Biology | |
| 14. Endocrinology | 31. Ornithology | |
| 15. Epidemiology | 32. Parasitology | |
| 16. Food Bacteriology | 33. Pathology | |
| 17. Genetics | | |

B. Special Consideration Courses: Course work acceptable only if the major emphasis of the work is directed toward environmental health or environmental protection. Appropriate direction would not include the sociological aspects of the particular subject matter. A maximum of fifteen (15) hours can be accepted from the Special Consideration Courses.

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| 1. Health Science | 8. Environmental Management |
| 2. Public Health | 9. Environmental Safety |
| 3. Chemical Engineering | 10. Environmental Health |
| 4. Food Science | 11. Environmental Science |
| 5. Dairy Processing | 12. Industrial Hygiene |
| 6. Veterinary Science | 13. Industrial Safety |
| 7. Community Health | 14. Injury Prevention |
| | 15. Occupational Health |

C. Core Curriculum Course Work: Any course that addresses one or more of the elements of environmental health.

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| 1. Wastewater Treatment | 5. Water Treatment |
| 2. Vector Control | 6. Indoor Air |
| 3. Hazardous Waste | 7. Air Quality |
| 4. Solid Waste | 8. Radiological Issues |

D. Courses in Mathematics: Additional recommendation (no more than three (3) semester hours will be accepted).

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| 1. College Algebra | 3. Calculus |
| 2. Trigonometry | 4. Statistics |