The Bachelor of Science in Public Health (BSPH) degree is offered by the Department of Environmental Sciences and Engineering in the Gillings School of Global Public Health. Students complete their first two years in the General College and apply (in the Spring of their Sophomore year) to transfer to the School of Global Public Health for the Fall of their Junior year. We typically admit about 25 students per year.

Our curriculum emphasizes rigorous preparation in the basic sciences, graduate-level course-work in Environmental Sciences (with the option of specializing in Environmental Biology, Environmental Chemistry or Environmental Physics tracks), and involvement in research.

Close to half our students participate in the Honors program and/or write a Senior Honors Thesis. This program offers the possibility of completing a Masters degree in Environmental Sciences and Engineering in one year beyond the undergraduate degree.

Our graduates typically continue to professional schools (medicine, law, dentistry) or graduate studies. Others work for non-profit organizations, federal, state or local government agencies, startups or environmental consulting firms.

The curriculum is composed of six elements:

1. **General education requirements**: including BIOL 101+101L, CHEM 101+101L, MATH 231 and 232; these courses can also help fulfill general education requirements.
2. **Basic science requirements** in Biology, Chemistry, Physics and Mathematics: BIOL 201, 202; CHEM 102+102L, 261; MATH 233 if placed out of MATH 231 and 232; PHYS 118 and 119 [116 and 117] or PHYS 114 and 115 [104 and 105]. + For Chemistry Track: MATH383, CHEM241 & CHEM241L, CHEM481. + For Physics Track: MATH383. These courses provide grounding in the basic sciences equivalent to most fundamental science BA degrees.
3. **Skills**: COMP 116 (or approved alternatives) provides a marketable skill in computer programming for data analysis and model building
4. **Public Health Core**: Coursework in the central Public Health disciplines, Biostatistics, Epidemiology, Health Policy and Health Behavior, BIOS 600, EPID 600, HBEH 600, HPM 600
5. **Environmental Health Core**: ENVR 230, 430, and 698 or alternative provide a broad perspective on environmental health problems and specific understanding of the scientific mechanisms underlying environment—related health effects.
6. **Advanced Electives**:
   - **General track**: Four advanced undergraduate or graduate level courses (400 or higher) relevant to Environmental Health allow in-depth study of specific aspects of Environmental Health.
   - **Environmental Biology Track**: Select 4 from: ENVR 411, ENVR 412, ENVR 421, ENVR 431, ENVR 433, ENVR 442, ENVR 468, ENVR 630, ENVR 640
   - **Environmental Chemistry Track**: Select 4 from: ENVR 403, ENVR 416, ENVR 419, ENVR 451, ENVR 575, ENVR 650, ENVR 675
   - **Environmental Physics Track**: Select 4 from: ENVR 403, ENVR 416, ENVR 451, ENVR 452, ENVR 453, ENVR 666, ENVR 671, ENVR 672, ENVR675

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