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|  | **Study Plan**  for the [**PhD**](https://sph.unc.edu/students/gillings-school-student-handbook/)degree in the  **Department of** [**Environmental Sciences and Engineering**](https://sph.unc.edu/envr/environmental-sciences-and-engineering-home/) for students matriculating in Fall 2019 and thereafter |

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| **Course #** | **Course name** | **Credits**  **taken** | **Planned**  **Academic Term** | **Pertinent notes: substitutions, exemptions.** |
| **Required Core Courses** | | | | |
| [SPHG 600](http://catalog.unc.edu/courses/sphg/) | [Introduction to Public Health](http://catalog.unc.edu/courses/sphg/) (3 cr) |  | Fall 1 |  |
| [EPID](http://catalog.unc.edu/courses/sphg/) 600 or [ENVR 601](https://catalog.unc.edu/courses/envr/) | [Methods and Measures for Public Health Practice](http://catalog.unc.edu/courses/sphg/) (3 cr)  Epidemiology for Environmental Scientists and Engineers (3 cr) |  | Fall 1 |  |
| [ENVR 703](https://sph.unc.edu/envr/envr-courses-offered/) | Proposal Writing for Environmental Research (3 cr) |  | Spring 2 |  |
| [ENVR 704](https://sph.unc.edu/envr/envr-courses-offered/).01 | [Critical](http://catalog.unc.edu/courses/sphg/) Analysis of Environmental Research (1 cr) |  | Fall 1 |  |
| [ENVR 704](https://sph.unc.edu/envr/envr-courses-offered/).02 | [Critical](http://catalog.unc.edu/courses/sphg/) Analysis of Environmental Research (1 cr) |  | Spring 2 |  |
| **Department Seminar** | | | | |
| [ENVR 400](https://sph.unc.edu/envr/envr-courses-offered/) | Seminar Series - attend 30 sessions, present seminar, complete associated work ([see syllabus for details](https://sph.unc.edu/envr/envr-courses-offered/)) (1 cr) |  | Fall, Spring |  |
| Requirement completion verified: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, Date \_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | |
|  | **Research Skill: options below, or a combination of the options approved by the Dissertation Committee**  Two Research skills courses (to be determined by the student and dissertation committee). Courses, hands-on workshops or other trainings leading to certification in two skills, for example in various modeling software (e.g., CMAQ), or operator training on specialized instrumentation (e.g. mass spec, NMR, AFM) | | | |
| Plan approved by Dissertation Committee (initials)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | |
|  | 1. |  |  | Certification by instructor: |
|  | 2. |  |  | Certification by instructor: |
|  | **15 credits for “depth in a discipline” approved by candidate and committee)** | | | |
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| Plan approved by Dissertation Committee (initials)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | |
|  | | | | |
| ENVR 991 | Research in ESE (≥ 6 semester hours) |  |  |  |
|  | **PhD Written Examination Scheduled** | | | |
| Date verified:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | |
|  | **Dissertation Preparation** | | | |
| ENVR 994 | Doctoral Dissertation (≥ 6 semester hours; after written exam) |  |  |  |
|  | **Preliminary Oral Examination Scheduled (proposal defense)** | | | |
| Date verified:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | |

**Milestones** for the [**PhD**](https://sph.unc.edu/students/gillings-school-student-handbook/)degree in the [**Department of** **Environmental Sciences and Engineering**](https://sph.unc.edu/envr/environmental-sciences-and-engineering-home/)

for students matriculating in Fall 2019 and thereafter

|  |  |
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|  | Semesters after matriculation |
| Admission | 0 |
| Choose Advisor | 0 |
| Select dissertation committee (**should meet at least annually\***) | 1 – 2 |
| Outline course program | 2 |
| Schedule Committee meeting and approve course program | 2 |
| Verify milestone date \_\_\_\_\_\_, initialed by dissertation committee \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| Select dissertation topic | 2 – 3 |
| Complete course work | 3 – 4 |
| Residency requirement met | 2 - 3 |
| Schedule Committee meeting for permission to take written doctoral qualifying examination and set examination date\* | 3 – 5 |
| Verify milestone date \_\_\_\_\_\_, initialed by dissertation committee \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| Schedule Committee meeting for permission to take doctoral oral examination (qualifying) | 4 – 6 |
| Verify milestone date \_\_\_\_\_\_, initialed by dissertation committee \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| Completion of research | 7 - 8 |
| Advisor approves dissertation draft | 8 |
| Schedule Committee meeting for permission to schedule dissertation defense |  |
| Verify milestone date \_\_\_\_\_\_, initialed by dissertation committee \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| Final oral examination and dissertation defense | 8 - 10 |
| Graduation | 8 – 10 |

\*Once the student’s Dissertation Committee has certified that the student’s coursework has been completed, he/she has passed the doctoral written exam, and the coursework/exam paperwork is on file with student services, the student will be considered full time as long as the student is registered for a minimum of 3 credits of ENVR 994.  Students must be registered for a minimum of 3 credits of ENVR 994 when they take their preliminary oral exam (dissertation proposal defense).

\*Student is responsible to schedule committee meetings at least annually.