

Doctor of Philosophy Biostatistics Traditional Track Curriculum

| Course Number | Course Title | Credits | Required or Elective | Semester Offered |
|---|---|--|----------------------|--------------------|
| PhD Biostatistics Core Courses: 31 credit hours | | <i>ALL semester course offerings are subject to change</i> | | |
| BE 7024 | Computational Statistics | 3 | Required | Spring |
| BE 7088 | Regression Analysis | 3 | Required | Spring |
| BE 7089 | Experimental Design | 3 | Required | Fall |
| BE 8029 | Biostatistics Seminar (4 semesters) | 4 | Required | Fall/Spring |
| ENV 7001 | Environmental Health Seminar (4 semesters) | 4 | Required | Fall/Spring |
| GNTD 7003 | Ethics in Research | 1 | Required | Spring |
| STAT 6021 | Mathematical Statistics I | 3 | Required | Fall |
| STAT 6022 | Mathematical Statistics II | 3 | Required | Spring |
| ENV 9091 | Dissertation Research (<i>After Statement of Intent Approved</i>) | 7 | Required | Fall/Spring/Summer |
| Biomedical Credits: 4 credit hours | | | Required | |
| Select a minimum of 4 credit hours from the list below. | | | | |
| BE 7076 | Introduction to Epidemiology | 2 | | Fall/Spring |
| CB 8080 | Cancer Biology & Therapeutics | 4 | | Spring |
| GNTD 7001 | Molecular and Cellular Biology | 1-4 | | Fall |
| MCP 6031C | Computational Systems Biology | 2 | | Spring |
| TOX 7082 | Survey of Toxicology | 2 | | Fall 2020 |
| Traditional Track Specific: 6 credits | | | Required | |
| Select a minimum of 6 credit hours from the list below. | | | | |
| BE 7026 | General Linear Models | 3 | | Spring 2021 |
| BE 7090C | Applied Survival Analysis | 3 | | TBD |
| BE 7091 | Applied Multivariate Analysis | 3 | | TBD |
| Free Electives: Select remaining credits from Course Catalog List (fill-in with advisor) | | | | |
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| Total Credits Post-Masters (≥ 19 credit hours Free Electives) | | 60 | | |
| Total Credits Post-Bacc (≥ 49 credit hours Free Electives) | | 90 | | |

- 3.0 GPA (B average) or higher required for graduation.
- All required courses must be completed with a B- or higher.
- "I" (Incomplete) or "NG" (Not Graded) grades must be removed from academic record prior to applying for graduation.
- The doctoral degree will be granted for no less than the equivalent of three years of full-time graduate study.
- All requirements for the doctoral degree must be completed within nine consecutive academic years of the date of matriculation into the program.
- Students must take a minimum of one graduate credit that contributes to degree requirements per academic year (fall-summer) to maintain active status.
- A doctoral student must be enrolled for at least 10 graduate credits in his/her program in each of two semesters (including summer semester) during a span of three consecutive semesters.
- Students are expected to meet with their advisor at least once a semester to discuss their academic progress.
- Electives must be determined with a consultation from your advisor.