

**DEPARTMENT OF BIOSTATISTICS
MS HDS DEGREE REQUIREMENT WORKSHEET**

Student:

PeopleSoft #:

Start Date:

Statute of Limitations:

Academic Advisor:

Provisional Requirements

For students accepted provisionally

| Completed | Provision | Credits | Grade | Term |
|-----------|-----------|---------|-------|------|
| | | | | |

Course Requirements

A minimum of 40 credits are required

Core Courses

| Completed | Course | Credits | Grade | Credit Transfer | Waiver |
|-----------|--|---------|-------|-----------------|--------|
| | BIOST 2025: Biostatistics Seminar | 1 | | | |
| | BIOST 2036: Introduction to Health Data Science | 2 | | | |
| | BIOST 2038: Foundations of Statistical Theory | 3 | | | |
| | BIOST 2039: Biostatistical Methods | 3 | | | |
| | BIOST 2049: Applied Regression Analysis | 3 | | | |
| | BIOST 2079: Introductory Statistical Learning for Health Sciences | 2 | | | |
| | BIOST 2081: Mathematical Methods for Statistics | 3 | | | |
| | BIOST 2087: Biostatistics Consulting Practicum | 1 | | | |
| | BIOST 2094: Advanced R Programming | 2 | | | |
| | BIOST 2021: Special Studies <i>Capstone Prep – must be taken semester prior to enrolling in BIOST 2099</i> | 1 | | | |
| | BIOST 2099: Capstone | 2 | | | |
| | EPIDEM 2110: Principles of Epidemiology | 3 | | | |
| | BMIS 2542: Data Programming Essentials with Python OR PHARM 5834: Python for Data Management and Analytics | 3 3 | | | |
| | PUBHLT 2011: Essentials of Public Health | 3 | | | |
| | PUBHLT 2022: Public Health Grand Rounds – 1 st term – 2 nd term | 0 0 | | | |

HDS Electives

Students must complete HDS elective credits to bring the total number of course credits to 40. In situations where a student's special interests or needs indicate an alternative course is more appropriate it may be substituted with the permission of the student's academic advisor. BIOST 2025 cannot fulfill elective credits.

| Completed | Course | Credits | Grade | Credit Transfer |
|-----------|--|---------|-------|-----------------|
| | BMIS 2588: Database Management | 3 | | |
| | BIOST 2063: Bayesian Data Science | 3 | | |
| | BIOST 2080: Advanced Statistical Learning | 2 | | |
| | BIOST 2093: SAS for Data Management & Analysis | 2 | | |
| | INFSCI 2160: Data Mining | 3 | | |
| | INFSCI 2410: Introduction to Neural Networks | 3 | | |
| | INFSCI 2725: Data Analytics Prior R, Java, or Python programming experience required | 3 | | |

MS Comprehensive Examination

| Attempt | Date | Result |
|----------------|------|--------|
| First Sitting | | |
| Second Sitting | | |

BIOST 2099: Capstone – MS Thesis Requirement

| | Date | Result |
|----------------------|------|--------|
| Defense Presentation | | |

| Term | Term GPA | Term Credits | CUM. GPA | CUM. Credits |
|------|----------|--------------|----------|--------------|
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Notes