

Health Economics and Analytics (STEM) Concentration Course Requirements

| Course | Full Semester or Module | Credits |
|--|----------------------------|--------------|
| FALL SEMESTER | | |
| HS 236a International Health Systems and Development | Full | 4 |
| HS 404b Applied Regression Analysis | Full | 4 |
| HS 349f Introduction to Microeconomics in Global Health | Module 2 | 2 |
| HS 326f Introduction to STATA Programming and Data Management | Module 1 | 2 |
| Electives* | | 6-8 |
| Total Fall Credits | | 18-20 |
| SPRING SEMESTER | | |
| HS 405a Applied Econometrics | Full | 4 |
| HS 330f International Health Economics | Module 1 | 2 |
| HS 229f International Health Financing | Module 1 | 2 |
| HS 239f Intersectionality and Bioethics | Module 2 | 2 |
| HS 340f Advanced International Health Economics | Module 2 | 2 |
| HS 402f Research Methods | Module 2 | 2 |
| Electives* | | 4-6 |
| Total Spring Credits | | 18-20 |

Total Credits Required for Graduation

(26 core course credits plus min 4 STEM elective course credits and 6 additional elective credits)

36

***Must choose a minimum of 4 STEM elective credits over duration of program**

STEM Electives

| Course | Full Semester or Module | Credits |
|--|----------------------------|---------|
| | | |
| Fall Semester | | |
| HS 422f Cost Effectiveness Analysis | Module | 2 |
| BUS 211f Analyzing Big Data I | Module 2 | 2 |
| | | |
| Spring Semester | | |
| HS 426f* Advanced Techniques of Cost Effectiveness and Cost Benefit | Module 1 | 2 |
| HS 256f Healthcare Data Analytics and Data Mining | Module 1 | 2 |
| HS 339f* Advanced Healthcare Data Analytics and Data Mining | Module 2 | 2 |
| BUS 212a* Analyzing Big Data II | Full | 4 |
| HS 448f Introduction to SAS | Module 1 | 2 |

***Must take introductory course in sequence before enrolling**