

CURRICULUM OVERVIEW

Yearly Plan

| 1 st year | | | |
|----------------------|--|-----------|---------------|
| Course Codes | Courses Semester 1 | Credits | Pre-Requisite |
| MSBE 701 | Fundamentals of Epidemiology | 3 | |
| MSBE 702 | Introduction to Biostatistics | 3 | |
| MSBE 703 | Fundamentals of Public Health | 3 | |
| MSBE 704 | Research Methodology | 3 | |
| MSBE 705 | Fundamentals of Mathematics | 2 | |
| | Total Credits | 14 | |
| Course Codes | Courses Semester 2 | Credits | |
| MSBE 706 | Communicable Diseases | 3 | |
| MSBE 707 | Biostatistics II | 3 | |
| MSBE 708 | Advanced Epidemiology | 3 | |
| MSBE 709 | Non-communicable and newly emerging diseases | 3 | |
| MSBE 710 | Demography | 3 | |
| | Total Credits | 15 | |
| 2 nd year | | | |
| Course Codes | Courses Semester 3 | Credits | Pre-Requisite |
| MSBE 711 | Statistical Methods in Epidemiology | 3 | |
| MSBE 712 | Biostatistics III | 3 | |
| MSBE 713 | Survey Sampling | 2 | |
| | Total Credits | 8 | |
| Course Codes | Courses Semester 4 | Credits | |

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| MSBE714 | Multivariate Modeling and Advanced Biostatistics | 3 | |
| MSBE 715 | Thesis/Research Project | 6 credit hours for thesis or 3 for project) | |
| | Total Credits | 9/6 | |

2 years Total 46 credit hours (43 in case of project)

4 semesters/2 years 6 months including examination and semester break