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| **Name:** | | MD/MS Masters Degree Plan (39 credit hours) | | | | |
| **Student ID #:** | | **Catalog Year 2024 V1.1.2023** | | | | |
| SBMI Required Courses | | **Semester/Year** | **SCH** | **Grade** |
| BMI 5300 Introduction to Biomedical Informatics\* | | Summer | 3 |  |
| BMI 5310 Foundations I\* | | Fall | 3 |  |
| BMI 5311 Foundations II\* | | Spring | 3 |  |
| BMI 6313 Scientific Writing\* | | Summer | 3 |  |
| BMI 6000 Practicum in Biomedical Informatics\* | | MS-4 OR Spring | 3 |  |
| **Number of SBMI Required Credits** | |  | **15** |  |

\*Required Courses - any exceptions must be pre-approved by the Associate Dean for Academic Affairs prior to course registration.

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| **Baylor College of Medicine Required Courses** | **Semester/Year** | **SCH** | **Grade** |
| MBPP2-Main: Patient, Physician and Society II |  | 1 |  |
| MBPP3-Main: Patient, Physician and Society III |  | 3 |  |
| Clinical Application of Basic Sciences – Evidence Based  Medicine |  | 2 |  |
| Clinical Application of Basic Sciences – Business & Leadership  In Medicine |  | 3 |  |
| Research and Populations in Medicine 3 |  | 3 |  |
| **Number of BCM Required Credits** |  | **12** |  |

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| **SBMI Electives\*** | **Semester/ Year** | **SCH** | **Grade** |
|  | Fall | 3 |  |
|  | Fall | 3 |  |
|  | Spring | 3 |  |
|  | Spring | 3 |  |
| **Number of SBMI Elective Credits** |  | **12** |  |

*\*Student selects four courses from BCM approved list on the next page.*

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| *The hours reflected on this degree plan are required for completion of the MS*  *in Biomedical Informatics.* | Total SCH Completed | 39 |

***Approved by:***

Student Signature Date

|  |  |
| --- | --- |
| Primary Advisor (Print Name) | Signature Date |

*-Degree plans must have an original signature by both the student and advisor to be valid.*

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**SBMI Electives**

**Student selects four courses from BCM approved list totaling 12 credit hours.**

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| SBMI Electives | SCH |
| [BMI 5007 Methods in Health Data Science](https://sbmi.uth.edu/current-students/catalog-of-courses-bmi/bmi-5007.htm) | 3 |
| [BMI 5302 Introduction to Human Factors in Healthcare](https://sbmi.uth.edu/current-students/catalog-of-courses-bmi/bmi-5302.htm) | 3 |
| [BMI 5330 Introduction to Bioinformatics](https://sbmi.uth.edu/current-students/catalog-of-courses-bmi/bmi-5330.htm) | 3 |
| [BMI 5333 Systems Medicine: Principles and Practice](https://sbmi.uth.edu/current-students/catalog-of-courses-bmi/bmi-5333.htm) | 3 |
| [BMI 5352 Statistical Methods in Biomedical Informatics](https://sbmi.uth.edu/current-students/catalog-of-courses-bmi/bmi-5352.htm) | 3 |
| [BMI 5360 Clinical Decision Support Systems](https://sbmi.uth.edu/current-students/catalog-of-courses-bmi/bmi-5360.htm) | 3 |
| [BMI 5380 Principles & Foundations of Public Health Informatics](https://sbmi.uth.edu/current-students/catalog-of-courses-bmi/bmi-5380.htm) | 3 |
| [BMI 5381 Methods in Public Health Informatics](https://sbmi.uth.edu/current-students/catalog-of-courses-bmi/bmi-5381.htm) | 3 |
| [BMI 6301 Health Data Science](https://sbmi.uth.edu/current-students/catalog-of-courses-bmi/bmi-6301.htm) | 3 |
| [BMI 6318 Big Data in Biomedical Informatics](https://sbmi.uth.edu/current-students/catalog-of-courses-bmi/bmi-6318.htm) | 3 |
| [BMI 6340 Health Information Visualization & Visual Analytics](https://sbmi.uth.edu/current-students/catalog-of-courses-bmi/bmi-6340.htm) | 3 |