*Transforming Data to Power Human Health™*

**Certificate of Biomedical Informatics**
**TAMIU System Engineering Major**
**Focus: Data Analytics Certificate Plan**
**Fall 2025**

# UTHealth Houston
## McWilliams School of Biomedical Informatics

**Name:** _____ **Student ID:** _____ **Advisor name:** _____

## Biomedical Informatics Certificate Requirements

Each student will develop a degree plan with written approval of their academic advisor. The student must file a signed degree plan each academic year in the Fall and Spring terms listing the required and/or elective courses as specified for their certificate program. **TAMIU students with a major of System Engineering with the focus of Data Analytics will be able to apply 3 of the required 15 credits hours to their TAMIU System Engineering degree.** To view more information about how credits from SBMI are transferred and applied to your program, please view the Undergraduate Accelerated Master's (4+1) Program Course Equivalency FAQ.

**Using This Certificate Planner**

UTHSC-H SBMI Required Courses:

| COURSE NUMBER | COURSE TITLE | TYPE | CREDIT HOURS | Pre-Requisite | Expected Term Completed | Grade Earned |
|---|---|---|---|---|---|---|
| BMI 5300 | Introduction to Biomedical Informatics | Basic | 3 | N/A | | |
| BMI 5302 | Introduction to Human Factors in Healthcare | Basic | 3 | N/A | | |
| BMI 5007 | Methods in Health Data Science | Basic | 3 | Prerequisite quiz and Consent of instructor | | |
| BMI 5304 | Advanced Database Concepts in Biomedical Informatics | Research | 3 | N/A | | |
| BMI 6340 | Health Information Visualization & Visual Analytics | Research | 3 | N/A | | |

**Signatures**

This Certificate of Biomedical Informatics Plan must be completed in collaboration with and signed by the academic advisor. Changes to planned coursework may be made and submitted to the faculty advisor for approval.

Student Signature: _____ Date:_____

Advisor Signature: _____ Date:_____