# UTHealth | School of Biomedical Informatics

**The University of Texas**
Health Science Center at Houston

Certificate of Applied Biomedical

Informatics Degree Plan - Option 1

8.30.18

**Name:** _____

**Student ID #:** _____

| Courses | Semester/ Year | SCH | Grade |
|---|---|---|---|
| BMI 5300 - Intro to Biomedical Informatics* | | 3 | |
| BMI 5301 - The US Healthcare System* | | 3 | |
| BMI 5306 - Security for Health Information Systems* | | 3 | |
| BMI 5313 - Foundations of Electronic Health Records and Clinical Information Systems* | | 3 | |
| BMI 5328 - Systems Analysis & Project Management* | | 3 | |
| **Number of Credits** | | 15 | |

*Required

| | |
|---|---|
| **Total Number of Credits:** | **15** |

*Approved by:*

_____

Advisor (Print Name)          Signature                    Date

_____

Student Signature                                          Date

**Name:** _____

**Student ID #:** _____

| Courses | Semester/Year | SCH | Grade |
|---|---|---|---|
| BMI 5300 - Intro to Biomedical Informatics* | | 3 | |
| | | 3 | |
| | | 3 | |
| | | 3 | |
| | | 3 | |
| **Number of Credits** | | 15 | |

*Required - remaining four courses can be selected from the Applied Track course listing

| | |
|---|---|
| **Total Number of Credits:** | **15** |

*Approved by:*

_____

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

_____

| Student Signature | | Date |
|---|---|---|

## Applied Biomedical Informatics Courses

| | |
|---|---|
| BMI 5301 | The U.S. Healthcare System |
| BMI 5305 | Legal and Ethical Aspects of Health Informatics |
| BMI 5306 | Security for Health Information Systems |
| BMI 5313 | Foundations of Electronic Health Records and Clinical Information Systems |
| BMI 5314 | Technology Assessment in Healthcare |
| BMI 5315 | Quality and Outcome Improvement in Healthcare |
| BMI 5317 | Applied Data Management |
| BMI 5327 | Standards in Health Informatics |
| BMI 5328 | System Analysis and Project Management |
| BMI 5329 | Workflow Process Modeling |
| BMI 5360 | Clinical Decision Support Systems |
| BMI 5371 | Business and Technical Communication |
| BMI 6303 | Introduction to Telehealth |
| BMI 6316 | Change Management in Health Informatics |
| BMI 6328 | Healthcare Delivery in an EHR-enabled Environment |
| BMI 6340 | Health Information Visualization and Visual Analytics |