

**Name:** \_\_\_\_\_ **Student ID:** \_\_\_\_\_ **Advisor name:** \_\_\_\_\_

**Applied 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. Option 2 of this plan is a combination of coursework from the Applied Track listing, totaling 15 credit hours. BMI 5300 is the only predefined required course for this option. Applied Track Course listings are available on the second page of this document.

**Using This Certificate Planner**

UTHSC-H SBMI Required Courses:

<b>COURSE NUMBER</b>	<b>COURSE TITLE</b>	<b>TYPE</b>	<b>CREDIT HOURS</b>	<b>Pre-Requisite</b>	<b>Expected Term Completed</b>	<b>Grade Earned</b>
BMI 5300	<a href="#">Introduction to Biomedical Informatics</a>	Basic	3	N/A		

**Signatures**

This Certificate of Applied 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: \_\_\_\_\_

### Applied Track Course Listings

COURSE	TITLE	TYPE	CREDIT HOURS	Pre-Requisite
BMI 5301	<a href="#">The U.S. Healthcare System</a>	Basic	3	N/A
BMI 5305	<a href="#">Legal and Ethical Aspects of Health Informatics</a>	Basic	3	N/A
BMI 5306	<a href="#">Security for Health Information Systems</a>	Basic	3	N/A
BMI 5313	<a href="#">Foundations of Electronic Health Records and Clinical Information Systems</a>	Basic	3	N/A
BMI 5315	<a href="#">Quality and Outcome Improvement in Healthcare</a>	Basic	3	Basic statistics knowledge
BMI 5317	<a href="#">Applied Data Management</a>	Basic	3	BMI 5300 or consent of the instructor.
BMI 5327	<a href="#">Standards in Biomedical Informatics</a>	Basic	3	N/A
BMI 5328	<a href="#">Systems Analysis and Project Management</a>	Basic	3	N/A
BMI 5329	<a href="#">Workflow Process Modeling</a>	Basic	3	N/A
BMI 5360	<a href="#">Clinical Decision Support Systems</a>	Basic	3	N/A
BMI 5371	<a href="#">Business and Technical Communication</a>	Basic	3	*Class limited to 15 students in Fall and Spring and 10 students in Summer
BMI 6303	<a href="#">Introduction to Telehealth</a>	Basic	3	BMI 5300 or consent of the instructor.
BMI 6315	<a href="#">Advanced Electronic Health Records</a>	Advanced	3	BMI 5313 or consent of instructor
BMI 6316	<a href="#">Change Management in Health Informatics</a>	Advanced	3	N/A
BMI 6324	<a href="#">Health Information Technology Policy</a>	Advanced	3	N/A
BMI 6328	<a href="#">Value in the Health Data Eco-System</a>	Advanced	3	BMI 5300
BMI 6340	<a href="#">Health Information Visualization &amp; Visual Analytics</a>	Research	3	N/A