

Students in the College of Arts and Sciences majoring in **Biology** have the ability select **one of three** certificate degree planners.

Applied Informatics Certificate

Biomedical Informatics Certificate

Public Health Informatics Certificate

Please ensure you speak with an SBMI academic advisor to discuss which degree plan option best fits in with your academic and career goals.



Certificate of Applied Informatics TAMIU Biology Major Certificate Plan Fall 2022

	Name:	Student ID:	Advisor nan	ne:			
		<b>Applied Informatics Certific</b>	cate Requirements				
Spring terms lis required 15 crewiew the Unders	Ill develop a degree plan with written approvating the required and/or elective courses as spedits hours to their TAMIU Biology degree graduate Accelerated Master's (4+1) Program retificate Planner	ecified for their certificate prog. To view more information ab	gram. TAMIU stud	ents with a majo	r of Biology will	be able to apply 9 of the	
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UTHSC-H SBM COURSE NUMBER	II Required Courses:  COURSE TITLE	ТҮРЕ	CREDIT HOURS	Pre-Requisite	Expected Term Completed	Grade Earned	_
BMI 5300	Introduction to Biomedical Informatics	Basic	3	N/A			
BMI 5301	The U.S. Healthcare System	Basic	3	N/A			
BMI 5306	Security for Health Information Systems	Basic	3	N/A			
BMI 5315	Quality and Outcome Improvement in Hea	althcare Basic	3	Basic statistics knowledge			
BMI 5328	Systems Analysis and Project Managemen	<u>at</u> Basic	3	N/A			
Signatures This Certificate	of Applied Informatics Plan must be complet	ted in collaboration with and si	gned by the academ	ic advisor. Chang	es to planned cou	rsework may be made an	d
	e faculty advisor for approval.		2		1	,	
Student Signatu	re:	Date:					
Advisor Signatu	ıre:	Date:					



Certificate of Biomedical Informatics TAMIU Biology Major Certificate Plan Fall 2022

	Name:Student	iD:	Advisor na	ıme:			
	Biomedical Inf	formatics Certific	cate Requireme	nts			
Spring terms list required 15 cre	l develop a degree plan with written approval of their acade ing the required and/or elective courses as specified for the <b>dits hours to their TAMIU Biology degree.</b> To view more raduate Accelerated Master's (4+1) Program Course Equiv	ir certificate progree information abou	am. TAMIU stu	dents with a major of	Biology will be abl	le to apply 9 of	
Jsing This Cert	tificate Planner						
JTHSC-H SBM COURSE NUMBER	I Required Courses:  COURSE TITLE	ТҮРЕ	CREDIT HOURS	Pre-Requisite	Expected Term Completed	Grade Earned	
BMI 5300	Introduction to Biomedical Informatics	Basic	3	N/A			
BMI 5301	The U.S. Healthcare System	Basic	3	N/A			
BMI 5315	Quality and Outcome Improvement in Healthcare	Basic	3	Basic statistics knowledge			
BMI 5360	Clinical Decision Support Systems	Basic	3	N/A			
BMI 6340	Health Information Visualization & Visual Analytics	Research	3	N/A			
Signatures							
	of Biomedical Informatics Plan must be completed in collaborate faculty advisor for approval.	boration with and	signed by the aca	ademic advisor. Chango	es to planned course	work may be m	ade
Student Signatur	re: Date:	:					
Advisor Signatu	rre: Date	:					



Certificate of Public Health Informatics TAMIU Biology Major Certificate plan Fall 2022

School of Biomedical Informatics			TAMIU Biolog
Name	Student ID:	Advisor name	

## **Public Health 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 elective courses as specified for their certificate program. **TAMIU students majoring in Biology will be able to apply 9 of the required 15 credit hours to their TAMIU Biology 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 5380	Principles and Foundations of Public Health Informatics	Basic	3	N/A			
PHM 1690	Introduction to Biostatistics in Public Health	N/A	4	N/A			
PHM 2612	Epidemiology I	N/A	3	N/A			
Fifth Course Options: Choose One							
BMI 5313*	Foundations of Electronic Health Records and Clinical Information Systems	Basic	3	N/A			
BMI 5381*	Methods in Public Health Informatics	Basic	3	N/A			
BMI 5382*	Synthesis Project of Public Health Informatics	Advanced	3	N/A			
PHM 1110*	Health Promotion and Behavioral Sciences in Public Health	N/A	3	N/A			
PHM 2110*	Public Health Ecology & the Human Environment	N/A	3	N/A			
PHM 3715*	Management and Policy Concepts in PH	N/A	3	N/A			

<sup>\*</sup> Students, in conjunction with their Academic Advisor, will select only one of the (\*) courses as their fifth course for enrollment.

## **Signatures**

This Certificate of Public Health 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:	Advisor Signature:			
Date:	Date:			

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