

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 2023

	Name:	Student ID:	Advisor name:			
		Applied Informatics Cer	tificate Requirements			
Spring terms listing tequired 15 cred	develop a degree plan with written approval ng the required and/or elective courses as spelits hours to their TAMIU Biology degree. aduate Accelerated Master's (4+1) Program of the Planner	cified for their certificate To view more information	program. TAMIU studnabout how credits fron	ents with a majo	r of Biology will	be able to apply 9 of the
	Required Courses:					
COURSE NUMBER	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 Heal	thcare Basic	3	Basic statistics knowledge		
BMI 5328	Systems Analysis and Project Management	Basic	3	N/A		
	f Applied Informatics Plan must be complete aculty advisor for approval.	d in collaboration with an	d signed by the academ	ic advisor. Chang	es to planned cour	sework may be made and
Student Signature	::	Date:				
Advisor Signature	e:	Date:				



Certificate of Biomedical Informatics TAMIU Biology Major Certificate Plan Fall 2023

	Name:Student	ID:	Advisor na	me:			
	Biomedical Inf	ormatics Certific	cate Requiremen	nts			
pring terms listi equired 15 cred	develop a degree plan with written approval of their acade ng the required and/or elective courses as specified for thei lits hours to their TAMIU Biology degree. To view more raduate Accelerated Master's (4+1) Program Course Equivalent	r certificate progresinformation about	am. TAMIU stu	dents with a major of	Biology will be abl	e to apply 9 of	
THSC-H SBMI COURSE NUMBER	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			1
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			=
	of Biomedical Informatics Plan must be completed in collab the faculty advisor for approval.	poration with and	signed by the aca	ndemic advisor. Change	es to planned course	work may be n	nade
Student Signatur	e: Date:						
Advisor Signatuı	re: Date:						



Certificate of Public Health Informatics TAMIU Biology Major Certificate Plan Fall 2023

	Name:Student II	D:	Advisor	name:			
Public Health Informatics Certificate Requirements							
Each student will	develop a degree plan with written approval of their academ				plan each academic	year in the Fall and	
Spring terms listin	g the required and elective courses as specified for their cer	tificate progra	ım. TAMIU stud	dents majoring in	Biology will be ab	le to apply 9 of the	
-	it hours to their TAMIU Biology degree. To view more in		out how credits fi	om SBMI are trans	ferred and applied	to your program, please	
view the Undergra	aduate Accelerated Master's (4+1) Program Course Equivalent	ency FAQ.					
Using This Certif	iicate Planner						
oung rans curva							
UTHSC-H SBMI	Required Courses:						
COURSE	COURSE TITLE	TYPE	CREDIT	Pre-Requisite	Expected	Grade	
NUMBER			HOURS		Term	Earned	
D) (1 5200	The first District Control of	D :	2	27/4	Completed		
BMI 5300 BMI 5380	Introduction to Biomedical Informatics	Basic	3	N/A 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				
1111VI 2012		se Options:	-	11///			
BMI 5313*	Foundations of Electronic Health Records and Clinical	Basic		N/A			
B1/11 00 10	Information Systems	Busic		1771			
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	N/A	3	N/A			
	<u>Health</u>		3				
PHM 2110*	Public Health Ecology & the Human Environment	N/A	3				
PHM 3715*	Management and Policy Concepts in PH	N/A		N/A			
* Students, in conj	iunction with their Academic Advisor, will select only one of	the (*) cours	es as their fìfth c	ourse for enrollmer	ıt.		
G.							
Signatures							
	Public Health Informatics Plan must be completed in collab	oration with	and signed by the	e academic advisor.	Changes to planne	ed coursework may be	
made and submitte	ed to the faculty advisor for approval.						
Student Signature:	: Advisor Signature	»:					
Date:	Date:				Pı	ablication Date: 07/01/2023	