

Students in the College of Arts and Sciences majoring in **Systems Engineering** have the ability select **one of three** focus areas within the Biomedical Informatics certificate degree planner.

**Biomedical Informatics Certificate:** Data Analytics

**Biomedical Informatics Certificate**: Design

**Biomedical Informatics Certificate:** *Project Implementation* 

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 Biomedical Informatics TAMIU System Engineering Major Focus: Data Analytics Certificate Plan Fall 2022

	Name:	Student ID:		_ Advisor name	:		
	Biomed	lical Informati	ics Certificat	e Requirements			
Spring terms listin of Data Analytic	develop a degree plan with written approval of the ng the required and/or elective courses as specified s will be able to apply 3 of the required 15 credit ansferred and applied to your program, please view	l for their certifits hours to the	icate program eir TAMIU S	. TAMIU studer ystem Engineeri	nts with a major of System ng degree. To view more	n Engineering winformation about	ith the focus
<b>Using This Certi</b>	ficate Planner						
UTHSC-H SBMI	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 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 Info	ormatics	Research	3	N/A		
BMI 6340	Health Information Visualization & Visual Analy	ytics	Research	3	N/A		
Signatures							
	f Biomedical Informatics Plan must be completed the faculty advisor for approval.	in collaboration	n with and sig	ned by the acade	mic advisor. Changes to pl	anned coursework	c may be made
Student Signature	::	Date:					
Advisor Signature	e:	Date:	<del></del> -				



BMI 6300

Name:

Advanced Health Information Technology

Certificate of Biomedical Informatics TAMIU System Engineering Major Focus: Design Certificate Plan Fall 2022

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	Biomedical	Informatics Certifica	te Requirement	es s		
Each student will	l develop a degree plan with written approval of their ac	ademic advisor. The st	udent must file a	signed degree plan each a	cademic year in t	the Fall and
Spring terms listi	ing the required and/or elective courses as specified for t	heir certificate progran	n. TAMIU stud	ents with a major of Syste	em Engineering	with the focus
of Design will be	e able to apply 3 of the required 15 credits hours to the	neir TAMIU System 1	Engineering deg	gree. To view more informa	ation about how	credits from
SBMI are transfe	erred and applied to your program, please view the Unde	rgraduate Accelerated	Master's (4+1)	Program Course Equivalen	cy FAQ.	
<b>Using This Cert</b>	ificate Planner					
UTHSC-H SBM	I 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 5302	Introduction to Human Factors in Healthcare	Basic	3	N/A		
BMI 5303	Methods in Human Factors Engineering	Basic	3	BMI 5302 completion or concurrent enrollment		
BMI 6309	Healthcare Interface Design	Advanced	3	BMI 5302 or BMI		

**Advisor name:** 

instructor

Consent of instructor

**Student ID:** 

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.

Advanced

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Student Signature:	Advisor Signature:	
Date:	Date:	



Certificate of Biomedical Informatics TAMIU System Engineering Major Focus: Project Implementation Certificate Plan Fall 2022

	Name:	Student ID	):	Advisor naı	ne:	_	
Biomedical Informatics Certificate Requirements							
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	ing the required and/or elective courses as spe						
	ementation, will be able to apply 3 of the real SBMI are transferred and applied to your pro						
now credits from	i Solvii are transferred and applied to your pro	ogram, piease vie	ew the Undergrad	duate Accelerate	d Master's (4+1) Program	Course Equivale	ncy rAQ.
Using This Cert	tificate Planner						
	I Required Courses:		T my to b	CDEDIE	In n 11	<u> </u>	Ta . T
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 5302	Introduction to Human Factors in Healthcan	<u>re</u>	Basic	3	N/A		
BMI 5328	Systems Analysis and Project Management		Basic	3	N/A		
BMI 6300	Advanced Health Information Technology		Advanced	3	Consent of instructor		
BMI 6323	Machine Learning in Biomedical Informati	<u>cs</u>	Advanced	3	N/A		
Signatures							
	of Biomedical Informatics Plan must be comp	oleted in collabora	ation with and si	gned by the acad	demic advisor. Changes to	planned coursew	ork may be made
and submitted to	the faculty advisor for approval.						
Student Signatur	re:	Date:					
-							
Advisor Signatu	re:	Date:		_			