

"premed" Template Plan-of-Study - BS in BMES (2024)

Class # / Term										Total/Term	
Term	Course	C1	C2	C3	C4	C5	C6	C7	C8	#cls	CrHr
1	Req Txt	BMES 101	BMES 124	CHEM 101	CIVC 101	ENGL 101	MATH 121	UNIV R101			
1	Course ID	BMES 101	BMES 124	CHEM 101	CIVC 101	ENGL 101	MATH 121	UNIV R101	~		
1	CrHr	2.0	2.0	3.5	1.0	3.0	4.0	1.0	~	Term 1 Total	CLsChng(#)
2	Req Txt	BMES 102	CHEM 102	ENGL 102	MATH 122	PHYS 101					
2	Course ID	BMES 102	CHEM 102	ENGL 102	MATH 122	PHYS 101	~	~	~		
2	CrHr	2.0	4.5	3.0	4.0	4.0	~	~	~	Term 2 Total	CLsChng(#)
3	Req Txt	BIO 122	BMES 201	COOP 101	ENGL 103	MATH 200	PHYS 102				
3	Course ID	BIO 122	BMES 201	COOP 101	ENGL 103	MATH 200	PHYS 102	~	~		
3	CrHr	4.5	3.0	1.0	3.0	4.0	4.0	~	~	Term 3 Total	CLsChng(#)
4	Req Txt	ECE 201	MATE 220	MATH 201	MEM 202	CNC Req.1					
4	Course ID	ECE 201	MATE 220	MATH 201	MEM 202	CHEM 241	~	~	~		
4	CrHr	4.0	4.0	4.0	3.0	3.0	~	~	~	Term 4 Total	CLsChng(#)
5	Req Txt	BIO 218	MEM 238	BMES 241	MATH 210	STEM Elec.1					
5	Course ID	BIO 218	MEM 238	BMES 241	MATH 210	CHEM 242	~	~	~		
5	CrHr	4.0	4.0	2.0	4.0	3.0	~	~	~	Term 5 Total	CLsChng(#)
6	Req Txt	BIO 201	BMES 202	BMES 345	CHEM 253	BIO E2.2					
6	Course ID	BIO 201	BMES 202	BMES 345	CHEM 253*	BIO 214	~	~	~		
6	CrHr	4.0	3.0	3.0	4.0	3.0	~	~	~	Term 6 Total	CLsChng(#)
7	Req Txt	BMES 303	BMES 310	BMES 341	BMES 451	GS Elec.1					
7	Course ID	BMES 303	BMES 310	BMES 341	BMES 451	PSY 101	~	~	~		
7	CrHr	2.0	4.0	2.0	4.0	3.0	~	~	~	Term 7 Total	CLsChng(#)
8	Req Txt	BMES 315	BMES 381	BMES 432	BIO E2.1	Lab Elec.1					
8	Course ID	BMES 315	BMES 381	BMES 432	BIO 311	BIO 306	~	~	80 svc hrs		
8	CrHr	4.0	2.0	3.0	3.0	2.0	~	~	~	Term 8 Total	CLsChng(#)
9	Req Txt	BMES 302	BMES 337	BMES 382	BMES 444	Lab Elec.2	STEM Elec.4				
9	Course ID	BMES 302	BMES 337	BMES 382	BMES 444	BIO 219	BIO 211	~	80 svc hrs		
9	CrHr	2.0	3.0	2.0	3.0	2.0	3.0	~	~	Term 9 Total	CLsChng(#)
10	Req Txt	BMES 375	BMES 491	CNC Req.2	STEM Elec.2						
10	Course ID	BMES 375	BMES 491	BMES 460	CHEM 244	~	~	~	~		
10	CrHr	4.0	3.0	3.0	3.0	~	~	~	~	Term 10 Total	CLsChng(#)
11	Req Txt	BMES 338	BMES 492	GS Elec.2	CNC Req.3	STEM Elec.3					
11	Course ID	BMES 338	BMES 492	GS E2	BMES 461	CHEM 245	~	~	~		
11	CrHr	3.0	2.0	3.0	3.0	3.0	~	~	~	Term 11 Total	CLsChng(#)
12	Req Txt	BMES 493	GS Elec.3	GS Elec.4	GS Elec.5						
12	Course ID	BMES 493	GS E3	GS E4	GS E5	~	~	~	~		
12	CrHr	3.0	3.0	3.0	3.0	~	~	~	~	Term 12 Total	CLsChng(#)

MCAT ready

Concentration Requirements							Lab Elec
BioMat	BioMec	BmImg	BmInf	NeuEng	TisEng		BMES 301
CHEM 241	MEM 201	PHYS 201	BIO 219	BIO 462	BIO 219		BMES 304
BMES 460	BMES 441	BMES 421	BMES 483	BMES 477	BMES 471		BMES 305
BMES 461	BMES 442	BMES 422	BMES 484	BMES 478	BMES 472		BIO 202
							BIO 215
							BIO 219
							CHEM 244
							CHEM 245
							BIO 306
							BMES 485

Program Total	
62	188.5

*indicates that the STEM requirement is based on the total of STEM + CNC cr hrs = 21 cr hrs, NOT the number of STEM courses

Not all concentration courses follow this 'generic' plan. When selecting your concentration, consult with your advisor to determine the specific terms your concentration courses are offered.

\$\$ no term can have less than 12 cr hrs counting toward your BS degree without affecting financial aid