

FR	2021											
Term	Info	C.01	C.02	C.03	C.04	C.05	C.06	C.07	C.08			
1	Course IDs	<b>BMES 101</b>	<b>MATH 121</b>	<b>BMES 124</b>	<b>CHEM 101</b>	<b>ENGL 101</b>	<b>UNIV R101</b>	<b>CIVC 101</b>			<b>Term - 1</b>	
	Shrt Title	BME Fr Dsgn 1	Calc 1	BME Fr Smnr	Chem 1	English 1	UNIV 101	Civics 101			<b>Cr Hrs</b>	
1	Cr	2.0	4.0	2.0	3.5	3.0	1.0	1.0			<b>16.5</b>	
2	Course IDs	<b>BMES 102</b>	<b>MATH 122</b>	<b>PHYS 101</b>	<b>CHEM 102</b>	<b>ENGL 102</b>					<b>Term - 2</b>	
	Shrt Title	BME Fr Dsgn 2	Calc 2	Physics 1	Chem 2	English 2					<b>Cr Hrs</b>	
2	Cr	2.0	4.0	4.0	4.5	3.0					<b>17.5</b>	
3	Course IDs	<b>BMES 201</b>	<b>MATH 200</b>	<b>PHYS 102</b>	<b>BIO 122</b>	<b>ENGL 103</b>	<b>COOP 101</b>				<b>Term - 3</b>	
	Shrt Title	BME Prog 1	Multv Calc	Physics 2	Cell & Gene	English 3	COOP 101				<b>Cr Hrs</b>	
3	Cr	3.0	4.0	4.0	4.5	3.0	1.0				<b>19.5</b>	
4	Course IDs	<b>BMES 202</b>	<b>MATH 201</b>	<b>MEM 202</b>	<b>ECE 201</b>	<b>ENGR 220</b>					<b>Term - 4</b>	
	Shrt Title	BME Prog 2	Lin Algebra	Statics	Circuits 1	Fund Mate					<b>Cr Hrs</b>	
4	Cr	3.0	4.0	3.0	4.0	4.0					<b>18.0</b>	
5	Course IDs	<b>BMES 241</b>	<b>MATH 210</b>	<b>MEM 238</b>	<b>BIO 218</b>	<b>BMES 338</b>					<b>Term - 5</b>	
	Shrt Title	BME M&D 1	Diff Eq	Dynamics	Mlc Bio Princ	BME Ethics					<b>Cr Hrs</b>	
5	Cr	2.0	4.0	4.0	4.0	3.0					<b>17.0</b>	
6	Course IDs	<b>BMES 375</b>	<b>CHEM 253</b>	<b>BMES 345</b>	<b>BMES 432</b>	<b>BIO 201</b>					<b>Term - 6</b>	
	Shrt Title	Comp Bioeng	Chem Thermo	Tiss Mech	BME Sys&Sig	Hmn Phys 1					<b>Cr Hrs</b>	
6	Cr	4.0	4.0	3.0	3.0	4.0					<b>18.0</b>	
7	Course IDs	<b>BMES 341</b>	<b>BMES 310</b>	<b>BMES 451</b>	<b>BMES 303</b>	<b>BIO RE (203,214,224,244,311)</b>					<b>Term - 7</b>	
	Shrt Title	BME M&D 2	BME Stats	BME Transport	BME Elec Lab	BIO RE					<b>Cr Hrs</b>	
7	Cr	2.0	4.0	4.0	2.0	3.0					<b>15.0</b>	
8	Course IDs	<b>BMES 381</b>	<b>BMES 315</b>	<b>GS Elec.1</b>	<b>GS Elec.2</b>						<b>Term - 8</b>	
	Shrt Title	BME Jr Dsgn 1	BME ExpDsgn	GS Elec (1_5)	GS Elec (2_5)						<b>Cr Hrs</b>	
8	Cr	2.0	4.0	3.0	3.0						<b>12.0</b>	
9	Course IDs	<b>BMES 382</b>	<b>BMES 337</b>	<b>BMES 444</b>	<b>BMES 302</b>	<b>CNC Req.1</b>	<b>BIO 2##</b>				<b>Term - 9</b>	
	Shrt Title	BME Jr Dsgn 2	BME Control	BME Fluid Mech	BME Meas Lab	CNC-Req (1_3)	BIO 2##				<b>Cr Hrs</b>	
9	Cr	2.0	3.0	3.0	2.0	3.0	3.0				<b>16.0</b>	
10	Course IDs	<b>BMES 491</b>	<b>Lab Elec.1</b>	<b>STEM Elec.1</b>	<b>GS Elec.3</b>	<b>CNC Req.2</b>					<b>Term - 10</b>	
	Shrt Title	BME Sr Dsgn 1	Lab Elec (1_2)	STEM Elec 1*	GS Elec (3_5)	CNC-Req (2_3)					<b>Cr Hrs</b>	
10	Cr	3.0	2.0	3.0	3.0	3.0					<b>14.0</b>	
11	Course IDs	<b>BMES 492</b>	<b>Lab Elec.2</b>	<b>STEM Elec.2</b>	<b>GS Elec.4</b>	<b>CNC Req.3</b>					<b>Term - 11</b>	
	Shrt Title	BME Sr Dsgn 2	Lab Elec (2_2)	STEM Elec 2*	GS Elec (4_5)	CNC-Req (3_3)					<b>Cr Hrs</b>	
11	Cr	2.0	2.0	3.0	3.0	3.0					<b>13.0</b>	
12	Course IDs	<b>BMES 493</b>	<b>STEM Elec.3</b>	<b>STEM Elec.4</b>	<b>GS Elec.5</b>						<b>Term - 12</b>	
	Shrt Title	BME Sr Dsgn 3	STEM Elec 3*	STEM Elec 4*	GS Elec (5_5)						<b>Cr Hrs</b>	
12	Cr	3.0	3.0	3.0	3.0						<b>12.0</b>	
<b>Concentration Requirements</b>												
		<b>BioMat</b>	<b>BioMec</b>	<b>BmImg</b>	<b>BmInf</b>	<b>NeuEng</b>	<b>TisEng</b>	<b>Lab Elec</b>	<b>BIO RE</b>	<b>REQ</b>		
		CHEM 241	MEM 201	PHYS 201	BIO 219	BIO 462	BIO 219	BIO 202	BIO 203	<b>188.5</b>		
		BMES 460	BMES 441	BMES 421	BMES 483	BMES 477	BMES 471	BIO 215	BIO 214			
		BMES 461	BMES 442	BMES 422	BMES 484	BMES 478	BMES 472	BIO 219	BIO 224			
								BMES 301	BIO 244			
								BMES 304	BIO 311			
								BMES 305				
								CHEM 244				
								CHEM 245				
								BIO 306				
								BMES 485				
								HSCI 305				
* indicates that the STEM requirement is based on the total of STEM + CNC cr hrs = 21 credit hours, NOT the number of STEM courses												
\$\$ no term can have less than 12 cr hrs counting toward your BS degree without affecting financial aid												