

# BIOPHYSICS BS PATHWAY

I diVāJ c↑h\*GZfj ġZY/&. %j c↑h

## Required Course Listings

I ] ħWZV Ydl c'h] dl hV'7'de] nhXh'7H'EV]] I Vn'id'W'Xdb eāZiY'c') 'nZVgh'Vi'AV'H'ZgV'J c'kZgh'f#6a'Xdj ghZ'1 ↑] 'V'hiVg'k\*) ċY'XViZ'V'eg'z'fj ħ↑Z'dgb j ā'ēā' eg'z'fj ħ↑Z'h'[dgi] Z'Xā'hh#8dj ghZ'h'1 ↑] V'YV\Zgē I Vg'z'dca'ā'd[[Zg'Y'c'nZVgh'ZcY'c\1 ↑] 'Vc'dYY'cj b WZg'tZ'Å# % ' ' ' % ( 'hX] ddānZVg'VcY'Xdj ghZ'h'1 ↑] V Ydj WZ'YV\Zgē I Vg'z'dca'ā'd[[Zg'Y'c'nZVgh'ZcY'c\1 ↑] 'Vc'ZkZc'cj b WZg'tZ'Å# % ( ' ' %)'hX] ddānZVg'7n'[daā] ċ\i] Z'hj \ZhiZY\$g'fj ġZY'hZfj ZcX'c\ Vā cZXZhhVg'e'g'z'fj ħ↑Z'Xdj ghZ'h'1 ā'W'lj a āZY#EāVhZ'Xdcj ā'i] Z'7] āZi'c'!GZXdg'h!dgndj g'<j YZY'EV]] I Vnh'6Yk'hdg[dgb dg'c[gdg Vi'đc'VWdj i'eg'z'fj ħ↑Z'h#

Major Requirements (106 units)				General Education Requirements (84 units)			
C	T	U		C	T	U	
BIOL 111	General Biology I*	4		UNST 101	First Year Seminar	3	
BIOL 111A	General Biology Seminar	0		ENGL 111	College Writing I	3	
BIOL 111L	General Biology I Lab*	1		ENGL 112	College Writing II*	3	
BIOL 112	General Biology II*	4		ENGL 113	College Writing III*	3	
BIOL 112L	General Biology II Lab*	1		WDLG 151	World Language I	4	
BIOL 113	General Biology III*	4		WDLG 152	World Language II*	4	
BIOL 113L	General Biology III Lab*	1		WDLG 153	World Language III*	4	
BIOL 301	Cell & Molecular Biology*	4		HLSC 120	Lifetime Fitness	2	
PHYS 219	Introduction to Biophysics	1		SSCI 20X-SL	SSCI Theme Course (with Service Learning)	4	
PHYS 231A/B	Physics I (General or University)*	4		THM1 X00	Theme I Elective	4	
PHYS 231L	General Physics I Lab*	1		HUMN 10X	HUMN Theme Course	4	
PHYS 232A/B	Physics II (General or University)*	4		THM2 X00	Theme II Elective	8	
PHYS 232L	General Physics II Lab*	1		RLGN 304	Adventism in Global Perspective*	4	
PHYS 233A/B	Physics III (General or University)*	4		REL			
PHYS 233L	General Physics III Lab*	1					
PHYS 301	Mathematical Physics*	4					
PHYS 326	Human Body Mechanics*	4					
PHYS 336	Physics of Biomaterials*†	4					
PHYS 346	Biomedical Imaging*†	4					
PHYS 356	Cellular Physics*†	4					
PHYS 385	Physics Seminar I	1					
PHYS 389	Rhetorical Experiences in Physics	0					
PHYS 415	Advanced Physics Lab I*	2					
PHYS 464	Statistical & Thermal Physics*†	4					
PHYS 485	Physics Seminar II	1					
PHYS b00	Biophysics Elective*	6					
CHEM 111	General Chemistry I	4					
CHEM 111L	General Chemistry I Lab	1					
CHEM 112	General Chemistry II*	4					
CHEM 112L	General Chemistry II Lab*	1					
CHEM 113	General Chemistry III*	4					
CHEM 113L	General Chemistry III Lab*	1					
CHEM 281	Organic Chemistry I*	4					
CHEM 281L	Organic Chemistry I Lab*	1					
CHEM 282	Organic Chemistry II*	4					
CHEM 282L	Organic Chemistry II Lab*	1					
MATH 131	Calculus I*	4					
MATH 132	Calculus II*	4					
MATH 133	Calculus III*	4					

# Sequencing

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Year 1	Fall Quarter (15 units)	Year 1	Winter Quarter (17 units)	Year 1	Spring Quarter (17 units)
<b>C</b> /	<b>C</b> / <b>T</b> /	<b>U</b>	<b>C</b> /	<b>C</b> / <b>T</b> /	<b>U</b>
<input type="checkbox"/> BIOL 111	General Biology I★	4	<input type="checkbox"/> BIOL 112	General Biology II★	4
				<input type="checkbox"/> BIOL 113	