HUMAN BIOLOGY BS Requirements (2022-23)				*A	l courses listed on major checklist m				
Lower Divis	ion Cou	rses							
Calculus:		MATH 11A (FWS) or MATH 19A (FWS)	&		MATH 11B (FWS) or MATH 19B (FWS)				
General Chem:		CHEM 1A: General Chemistry (FWS)	&		CHEM 1B: General Chemistry & (FWS)	&		CHEM 1C: General Chemistry & (FWS)	
General Chem.		CHEMITA, General Chemisury (FWS)	α		CHEM 1B: General Chem Lab (FWS)	a			
Biology:		BIOL 20A: Cell and Molecular Bio (FWS)	&		BIOE 20B: Development and Physiology (FWS)	&		BIOL 20L: Experimental Bio Lab (FWS)	
Organic Chem:		CHEM 8A: Organic Chemistry & (FW)	&		CHEM 8B: Organic Chemistry (WS)				
					CHEM 8M: Organic Chem Lab (WS)				
	_			_					
Statistics:		STAT 5: Statistics (FWS)	OR			and Health	n Scier	nces & (FWS)	
Physics:		PHYS 6A: Introductory Physics I & (FWS) PHYS 6L: Introductory Physics I Lab (FWS)	8		PHYS 6B: Introductory Physics II (WS)	OR		PHYS 6C: Introductory Physics III (FS)	
Spanish:	Students	must achieve proficiency and pass Medical Spanish							
		Take the Spanish Placement Exam							
		SPAN 1: Intro Spanish (FWS)							
		SPAN 2: Intro Spanish (FWS) SPAN 3: Intro Spanish (FWS)							
		SPAN 5M: Medical Spanish (FWS)							
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	h quarte	ove qualification courses shaded green with and students must petition to declare by t Declared				uquaun	Catlo	in courses must be completed by the	
		-							
Upper Divis									
Complete the	major witł	n the following:							
	CORE C	OURSES:							
		BIOL 105: Genetics (FWS)							
		BIOL 100: Biochemistry (WS)	&		BIOL 101: Molecular Biology (FS)				* Note that you must complete
					OR				the entire series of one or the other:
		BIOC 100A: Biochemistry & Molecular Bio (F)	&		BIOC 100B: Biochemistry & MB (W)	&		BIOC 100C: Biochemistry & MB (S)	no mixing and matching
		BIOL 110: Cell Biology (FWS)							
		BIOL 130: Human Physiology (WS)							
		BIOL 130: Human Physiology (WS)           BIOL 130L: Human Physiology Lab (WS)							
			1 OF W	нісн м	AY BE A 3-UNIT COURSE: BIOL 112, 116 or	188)			
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		BIOL 130L: Human Physiology Lab (WS)         ECTIVES: 2 UPPER DIVISION ELECTIVES (ONLY         BIOC 100C: Biochemistry         BIOE 133/L: Exercise Physiology/Lab         BIOL 111A: Immunology         BIOL 111B: Immunology         BIOL 1112: Virology         BIOL 112: Virology         BIOL 115: Exercise Biology	1 OF W	HICH M/	AY BE A 3-UNIT COURSE: BIOL 112, 116 or	188)			Image: Section of the section of t
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