

BA or BS in Biology Health Science – 2024-2025

Student Name: _____

Student ID: @_____

oundational R			Major Re			
BIO 201	4	Biology I: Foundations of Cell Biology & Genetics		O 185	1	Biology Major Orientation
BIO 202	4	Biology II: Organisms and Diversity		O 285	1	Biology Colloquium I
BIO 203	4	Principles of Genetics		O 310	4	Human Anatomy and Physiology I
BIO 493	4	Biology Senior Capstone	BI	O 311	4	Human Anatomy and Physiology II
ENS 204	4	Principles of Ecology	BI	O 385	1	Biology Colloquium II
			BI	O 485	1	
			KI	N 221	3	
Concentrations	– St	udents must select <u>one</u> of the following concentrat	ons:			
re-Allied Healt			Pre-Dent	al or P	·e-Me	edicine
BIO 210	3			HE 211		College Chemistry I
BIO 471	4	Microbiology and Immunology		HE 212		College Chemistry II
CHE 211		College Chemistry I		HE 311		Organic Chemistry I
		College Chemistry II				Organic Chemistry I
CHE 212				HE 312		
CHE 311	4	Organic Chemistry I		HE 411		
MAT 210	4	Introductory Statistics		AT 210		Introductory Statistics
elect one cours	se fro	m the following:		HY 203	4	General Physics I
PSY 100		Introductory Psychology	PH	HY 204	4	General Physics II
PSY 250		Life Span Development	Salact or		o fro	m the following:
F31250	5			_		
elect one cours	se fro	m the following:		SY 100		Introductory Psychology
		Introduction to Sociology	P3	SY 250	3	Life Span Development
SOC 210			Select on	ne cours	e fro	m the following:
SOC 220		Ethnic and Minority Issues		DC 100		
000220	0			DC 210		
elect at least <u>6</u>	hour	s from the following:		DC 220		
BIO 306	3	Introduction to Bioinformatics	30	JC 220	3	Ethnic and Minority Issues
BIO 312	4	Cellular and Molecular Biology	Select th	ree coui	rses	from the following:
BIO 393		Practicum		O 306	3	Introduction to Bioinformatics
BIO 432	4	Developmental Biology		O 312	4	Cellular and Molecular Biology
BIO 450		Directed Research		O 432	4	
BIO 450 BIO 462	4			O 462		Molecular Genetics
BIO 402 BIO 472	4			0 402	4	
BIO 472	4	Histology		0 472	4	
elect at least a	n add	litional <u>6</u> hours from the following:	DI	0472	4	Histology
BIO 306	3	Introduction to Bioinformatics	Select at	least ar	n ada	litional <u>6</u> hours from the following:
BIO 312	4	Cellular and Molecular Biology		O 306	3	Introduction to Bioinformatics
BIO 345	3	Evolution and the Nature of Science		0 312	4	Cellular and Molecular Biology
BIO 393		Practicum		O 345	3	Evolution and the Nature of Science
BIO 333	4	Developmental Biology		O 393		Practicum
BIO 432 BIO 450	4 3-4			O 393 O 432	4	Developmental Biology
						1 0,
BIO 462	4	Molecular Genetics		O 450		Directed Research
BIO 472	4	Histology		O 462	4	Molecular Genetics
EXS 306	3	Physiology of Exercise		O 471	4	Microbiology and Immunology
EXS 316	3	Applied Nutrition	BI	O 472	4	Histology
EXS 381	3	Kinesiology	E>	(S 306	3	Physiology of Exercise
HPH 310	3	Cardiorespiratory Physiology & Chronic Disease	Ε>	(S 316	3	Applied Nutrition
HPH 315	3	Pathophysiology of Immunological and		KS 381	3	Kinesiology
	-	Metabolic Chronic Diseases		PH 310	3	Cardiorespiratory Physiology & Chronic Dise
HPH 320	3	Neuromuscular Physiology & Chronic Disease		PH 315	3	Pathophysiology of Immunological and
	3	Introduction to Public Health		11010	5	Metabolic Chronic Diseases
PBH 100					2	
PBH 335		Environmental Health		PH 320	3	Neuromuscular Physiology and Chronic Dise
PHI 311	3	Medical Ethics		3H 100	3	Introduction to Public Health
SUS 315	4	Sustainable Food Systems and Health		3H 335	4	Environmental Health
alact an additic	nela	hours from the following:		H 311	3	Medical Ethics
			SL	JS 315	4	Sustainable Food Systems and Health
CHE 312		Organic Chemistry II				•
CHE 411		Biochemistry I	Recomm			
NAS 230		Health Education for Behavior Change	BIO 210	3		edical Terminology
	1	Special Topics (approved by advisor)	NAS 230	2		ealth Education for Behavior Change
NAS _70					<u> </u>	
NAS _70 PHY 203	4	General Physics I	NAS _70	1	Sp	pecial Topics (approved by advisor)

Pre-Optometry			Pre-P	hysic	ian A	ssistant		
BIO 210	3	Medical Terminology		BIO		3	Medical Terminology	
BIO 471	4	Microbiology and Immunology		BIO	471	4	Microbiology and Immunology	
CHE 211	4	College Chemistry I		CHE	211	4	College Chemistry I	
CHE 212	4	College Chemistry II	-	CHE		4	College Chemistry II	
CHE 311	4	Organic Chemistry I		CHE		4	Organic Chemistry I	
OHE 311 CHE 411	3	Biochemistry I		CHE	-	4	Organic Chemistry II	
0112 411 MAT 210	4	Introductory Statistics		CHE		3	Biochemistry I	
PHY 203	4	General Physics I		MAT		4	Introductory Statistics	
	4			-		4		
PHY 204		General Physics II		PSY	250	3	Life Span Development	
PSY 100	3	Introductory Psychology	Select one course from the following:					
Select one course	from th	he following:		SOC	; 100	3	Introduction to Sociology	
SOC 100	3	Introduction to Sociology		SOC	210	3	Contemporary Social Issues	
SOC 210	3	Contemporary Social Issues		SOC	220	3	Ethnic and Minority Issues	
SOC 220	3	Ethnic and Minority Issues					, the fellowing	
		,	Select				n the following:	
Select at least <u>6</u> h	ours fro			BIO		3	Introduction to Bioinformatics	
BIO 306	3	Introduction to Bioinformatics		BIO	-	4	Cellular and Molecular Biology	
BIO 312	4	Cellular and Molecular Biology		BIO		2-4	Practicum	
BIO 393	2-4	Practicum		BIO	-	4	Developmental Biology	
BIO 432	4	Developmental Biology		BIO	450	2-4	Directed Research	
BIO 450	2-4	Directed Research		BIO	462	4	Molecular Genetics	
BIO 462	4	Molecular Genetics		BIO	472	4	Histology	
BIO 472	4	Histology	Selec	t at le:	ast an	addition	al <u>6</u> hours from the following:	
			BIO 306 3 Introduction to Bioinformatics					
		nal <u>6</u> hours from the following:		BIO		4	Cellular and Molecular Biology	
BIO 306	3	Introduction to Bioinformatics		BIO		3	Evolution and the Nature of Science	
BIO 312	4	Cellular and Molecular Biology		BIO		2-4	Practicum	
BIO 345	3	Evolution and the Nature of Science		BIO		2-4 4		
BIO 393	2-4	Practicum		-	-	-	Developmental Biology	
BIO 432	4	Developmental Biology		BIO		2-4	Directed Research	
BIO 450	2-4	Directed Research		BIO	-	4	Molecular Genetics	
BIO 462	4	Molecular Genetics		BIO		4	Histology	
BIO 472	4	Histology		EXS		3	Physiology of Exercise	
EXS 306	3	Physiology of Exercise		EXS		3	Applied Nutrition	
EXS 316	3	Applied Nutrition		EXS		3	Kinesiology	
EXS 381	3	Kinesiology		HPH		3	Cardiorespiratory Physiology and Chronic Disease	
HPH 310	3	Cardiorespiratory Physiology & Chronic Disease		HPH	315	3	Pathophysiology of Immunological and	
HPH 315	3	Pathophysiology of Immunological and					Metabolic Chronic Diseases	
	Ū	Metabolic Chronic Diseases		HPH		3	Neuromuscular Physiology and Chronic Disease	
HPH 320	3	Neuromuscular Physiology and Chronic Disease		_ PBH		3	Introduction to Public Health	
PBH 100	3	Introduction to Public Health		_ PBH	335	4	Environmental Health	
PBH 335	4	Environmental Health		PHI :	311	3	Medical Ethics	
PHI 311	3	Medical Ethics		SUS	315	4	Sustainable Food Systems and Health	
SUS 315	4	Sustainable Food Systems and Health	Deee		dad C	0.0000		
303 315	4	Sustainable FUUU Systems and Health	NAS 2			Courses	Education for Dahavian Channe	
Recommended L'ourses					2		Education for Behavior Change	
CHE 312 4		anic Chemistry II	NAS_	_	1		Topics (approved by advisor)	
NAS 230 2	Hea	alth Education for Behavior Change	PHY 2	203	4	Genera	I Physics I	
NAS _70 1		ecial Topics (approved by advisor)						
	- 1							

Total Major Hours Required: 83-90

Language Requirement for BA Degree – Complete four courses in one language option.

□ Spanish □ Hebrew □ Greek	□ French □ Chinese □ Korean □ Other:		
101 4 Elementary I 102 4 Elementary II 201 3 Intermediate I 202 3 Intermediate II	GRK 201 4 Elementary New Testament Greek GRK 202 4 Elementary New Testament Greek GRK 301 3 Greek Grammar and Syntax GRK 302 3 Exegesis of the Greek New Testament	HEB 212 HEB 311	 Elementary Old Testament Hebrew I Elementary Old Testament Hebrew II Hebrew Syntax and Lexicography Hebrew Exegesis

Degree Requirements

- 128 minimum hours and 42 minimum upper-division hours (3XX/4XX course numbers).
- Fifty percent of the minimum hours must be completed at Taylor—64 hours.
- Fifty percent of the major/minor hours must be completed at Taylor.
- 22 of the last 30 hours earned must be completed at Taylor.
- Cumulative GPA of 2.0; major GPA of 2.3 (higher GPA may be required in certain curricula). (See current catalog for policy).
- All foundational core, major, minor, and proficiency requirements must be completed (including Senior Comprehensive Exam/Paper/Project).
- Two years of one foreign language is required for the BA degree.
- Candidates for 2 degrees must complete a minimum of 158 semester hours and meet all requirements for 2 different majors.