Major: BIOLOGICAL SCIENCE

Concentration: Premed/Pre-Health Care

Professional (BPRE)

Johnson model – Torrey chart

B.S. Degree (131 credits required for graduation)



General Education	Bible/Theology	Major / Concentration
Behavioral Science	YMDT 304 On Learning & Knowledgemeets BBST 105	BIOS 111/113 General Biology I w/Lab
YMDT 102 – meets behavioral science	YMDT 101 On Originsmeets BBST 109	BIOS 112/114 General Biology II w/Lab
Communication	YMDT 202 On Knowing God meets BBST 110, 251	BIOS 200 Sophomore Writing Seminar
YMDT 102 – meets COMM 100	YMDT 401 On History & Rhetoricmeets BBST 306	BIOS 281 Physiol or 282 Micro or 380 Adv Micro or 382 Vert Phys
English	YMDT 304 On Learning & Knowledge meets BBST 254	BIOS 312 Cell and Molecular Biology
YMDT 101 – meets ENGL 112	YMDT 401 On History & Rhetoricmeets BBST Elective	BIOS 322 Lab in Cell and Molecular Biology
YMDT 101 – meets ENGL 113	YMDT 402 The Futuremeets BBST 465	BIOS 332 Genetics
Fine Arts		BIOS 401 General Ecology
YMDT 102 – meets ARTS 100	(30 credits maximum except Bible or Christian Min majors)	BIOS 450 Dir Research or 470 Sem in Adv Biology
History	(66 Ground Maximorn except blold of Childhart William Majord)	BIOS Elective
YMDT 201 – meets HIST 107		BIOS Elective (Upper-Division)
YMDT 303 – meets HIST 207/208		BIOS Elective (Upper-Division)
		BIOS Elective (Upper-Division)
iterature YMDT 201 – meets ENGL 230		CHEM 105 General Chemistry I
	Minor / Company / Flackbook	
Philosophy	Minor / Support / Electives	CHEM 106 General Chemistry II
YMDT 303 – meets PHIL 214	YMDT 480 Torrey Honors Thesis (optional)4	CHEM 301 Organic Chemistry
Foreign Language – 4-6 credits required*		CHEM 302 Organic Chemistry
based on number of years taken in high school)		CHEM 311 Laboratory in Organic Chemistry
HUFF (French) 101		CHEM 312 Laboratory in Organic Chemistry
HUFS (Spanish) 101		MATH 101 Precalculus or 105 Calculus I
HUFA (ASL) 101		or 210 Prob & Stats or 318 Biostatistics4/3
(Classical lang – 6 credits required)		PHSC 111/117 Physics I w/Lab
BLGR (Greek) 101, 102		PHSC 112/118 Physics II w/Lab
BLHE (Hebrew) 101, 102		Writing Competency Requirement
Physical Education – 4 credits required		The state of the s
PEED 101, 110, 130, 140, 150		
At least 3 credits of Math must be taken within the major.		
Ar least 3 creatis of Main most be taken within the major.		Total Cradits of Piology
		Total Credits of Biology
		Total Credits in Supporting Sciences
		Total Major Credits Required70
		Degree Summary
		Torrey Requirements
		Additional G.E. Coursework
First Value Care (da aa NOT aa wat ta waran aran aran aran aran aran aran ar		Major Requirements
First Year Sem (does NOT count toward graduation) (1)		Support/Electives*
*If foreign language is fulfilled, additional elective credits ma		Total Required for Graduation 141

^{*}If foreign language is fulfilled, additional elective credits may be needed.

Foreign Language – 1 yr high school = take 101. 2 yrs high school = none needed.

Major: BIOLOGICAL SCIENCE Concentration: Premed/Pre-Health Care Suggested Course Schedule

Professional (BPRE) Johnson model – Torrey chart

YEAR FALL **SPRING** FRESHMAN On Origins 8 YMDT 102 On Desire 8 YMDT 101 BIOS 111/113 General Biology I with Lab BIOS 112/114 General Biology II with Lab 4 4 General Chemistry I with Lab General Chemistry II with Lab CHEM 105 4 CHEM 106 4 P.E. Activity P.E. Activity 17 GNST 102 First Year Seminar 18 SOPHOMORE YMDT 201 The City & Man 8 YMDT 202 On Knowing God 8 BIOS 281 Physiology or 282 Microbiology# or 382 Vert Physiology BIOS 200 Sophomore Writing Seminar 4 CHEM 301 Organic Chemistry 3 Organic Chemistry 3 CHEM 302 Laboratory in Organic Chemistry Laboratory in Organic Chemistry CHEM 311 1 CHEM 312 P.E. Activity 1 P.E. Activity 17 14 JUNIOR YMDT 303 On the Cosmos 8 YMDT 304 On Learning & Knowledge **BIOS 312** Cell and Molecular Biology 3 **BIOS 322** Lab in Cell and Molecular Biology 2 PHSC 111/117 Physics I w/Lab 4 **BIOS 332** Genetics 4 MATH 101 or 105 or 210 or 318 4/3 PHSC 112/118 Physics II w/Lab Writing Competency Requirement 0 18 18/19 Graduation Petition due in the Registrar's Office SENIOR YMDT 401 On History & Rhetoric 8 YMDT 402 The Future BIOS 401 General Ecology 4 BIOS Elective (Upper Division) BIOS 450 Directed Research or 470 Sem in Adv Biology BIOS Elective (Upper Division) **BIOS Elective** BIOS Elective (Upper Division) 4 17 YMDT 480 Torrey Honors Thesis (4) – optional for graduation; required for Torrey certificate.

NOTE: This schedule is designed with your major department and is one way that the classes will work out properly in sequence for your major. However, there are alternative flexible ways to rotate some of the classes within the same year/level and sometimes between year levels. Please contact your major department advisor to discuss flexible alternatives in scheduling the sequence of your classes.

^{*}If foreign language requirement has been fulfilled, elective credits may be needed. #BIOS 282 is offered only during the Spring semester.