

# BAYLOR BOUND MAJOR ACADEMIC PLANNER

## Bachelor of Arts in Earth Science

*A Suggested Sequence of Required Courses for a McLennan transfer student (2017-2018 Catalog)*

Freshman Year							
Fall				Spring			
MCLENNAN	BU	Title	Hours	MCLENNAN	BU	Title	Hours
	CHA 1088	Chapel	0		CHA 1088	Chapel	0
ENGL 1301	ENG 1302	Thinking and Writing	3	ENGL 1302	ENG 1304	Thinking, Writing, and Research	3
MATH 2413	MTH 1321	Calculus I	3	CHEM 1405 or 1411	CHE 1300-1100 or 1301-1101	Introduction to Chemistry OR Basic Principles of Modern Chemistry I with Lab	4
See Reverse		Foreign Language	4	See Reverse		Foreign Language	4
GEOL 1403	GEO 1405	The Dynamic Earth	4	GEOL 1404	GEO 1406	Earth through Time	4
			14				15
Sophomore Year							
Fall				Spring			
MCLENNAN	BU	Title	Hours	MCLENNAN	BU	Title	Hours
PHIL 1316	REL 1310	Christian Scriptures	3	ENGL 2321 or 2322	ENG 2301	British Literature	3
See Reverse		Foreign Language	3	PHIL 1317	REL 1350	Christian Heritage	3
See Reverse		Lifetime Fitness	1	GEOG 1300	GEOG 1300	World Geography	3
	GEO 3427	Mineralogy	4		PHY 1408	General Physics for Natural & Behavioral Sci	4
	GEO 3435	Invertebrate Paleontology	4	See Reverse		Foreign Language	3
			15				13
Junior Year							
Fall				Spring			
MCLENNAN	BU	Title	Hours	MCLENNAN	BU	Title	Hours
See Reverse	PSC 2302	American Constitutional Development	3	ENGL 2326,2327,2328 or 2331,2332,2333	ENG 2304 or 2306	American or World Literature	3
See Reverse		Social Science	3	See Reverse		Fine Art	3
See Reverse		History	3	See Reverse		Social Science	3
BIOL 1409	BIO 1403	Exploring the Living World	4	See Reverse		History	3
	GEO 4485	Introduction to Geographic Information Systems	3	See Reverse		Lifetime Fitness	1
					GEO 4345	Water Management	3
			16				16
Summer							
First				Second			
MCLENNAN	BU	Title	Hours	MCLENNAN	BU	Title	Hours
	GEO 3341 or 3344	Field Course	3				
			3				0
Senior Year							
Fall				Spring			
MCLENNAN	BU	Title	Hours	MCLENNAN	BU	Title	Hours
		GEO Elective	3		GEO 4314	Meteorology	3
See Reverse		Fine Art	3	See Reverse		Fine Art	3
		Advanced Elective*	3	See Reverse		Lifetime Fitness	1
		Advanced Elective*	3			Advanced Elective*	3
		Advanced Elective*	3			Advanced Elective*	3
		Lifetime Fitness	1				
			16				13

**Notes about major requirements:**

- This major is designed for teaching.
- Additional advanced hours are required and a strong minor is encouraged.
- Additional geology or chemistry will be required for a laboratory technician position.
- Those desiring to be professional geologists should pursue the BS degree.
- English requirement: Students are allowed to take either ENG 1304 or FAS 1118, 1128, and 1138. Students majoring in the sciences may take ENG 3300 instead of ENG 1304.
- For more information, see the undergraduate catalog.

\* Because of the number of electives, there is enough room for a minor with this major.

**Please see reverse side for important information on general requirements.**

MCLENNAN COURSE	BAYLOR COURSE	BAYLOR TITLE
<b>ENGLISH:</b>		
ENGL 1301	ENG 1302	Thinking and Writing
ENGL 1302	ENG 1304	Thinking, Writing & Research
ENGL 2321 or 2322	ENG 2301	British Literature
ENGL 2326, 2327, 2328	ENG 2304	American Literature
ENGL 2331, 2332, 2333	ENG 2306	World Literature

<b>FINE ARTS: Three courses, each from a different areas (i.e. ART, THEA, MUS, etc.):</b>		
ARTS 1301	ART 1300	Introduction to Art
ARTS 1303	ART 2302	History of Art I
ARTS 1304	ART 2303	History of Art II
	CLA 3380	Classical Mythology
	FAS 1306	Freshman Academic Seminar: Fine Arts
COMM 1307	JOU/FDM 1303	Introduction to Mass Communication
MUSI 1301	MUS 1220	Introduction to Music
	MUS 3322	American Popular Music
	MUS 3323	History of Jazz
SPCH 1311 or 1315	CSS 1301	Fundamentals of Public Communications
SPCH 1321	CSS 1302	Speech for Business & professional Students
	CSS 1304	Argumentation, Discussion, and Debate
DRAM 2361	THEA 1206	Theatre Appreciation
	THEA 2374	History of Theatre I

<b>HISTORY:</b>		
HIST 2321	HIS 1305	World History to 1500
HIST 2322	HIS 1307	World History since 1500
HIST 1301	HIS 2365	History of the U.S. to 1877
HIST 1302	HIS 2366	History of the U.S. since 1877

<b>SOCIAL SCIENCES: Three courses, each from a different areas (i.e. ANT, SOC, PSY, etc.):</b>		
ANTH 2346	ANT 1305	Introduction to Anthropology
	ANT 1325	Introduction to Global Health
	ANT 2302	The Emergence of World Civilizations
	ANT 3301	Science, Society, and Culture
ECON 1301	ECO 1305	Survey of Econ Princ. For Non-bus. Majors
ECON 2302	ECO 2306	Principles of Microeconomics
EOCN 2301	ECO 2307	Principles of Macroeconomics
	FAS 1303	Freshman Academic Seminar: Medicine...
	FAS 1305	Freshman Academic Seminar: Social Science
GEOG 1300	GEOG 1300	World Geography
	HON 3100	Advanced Readings and Research Honors
	HON 3101	Advanced Readings and Research Honors
	HON 3200	Colloquium Honors
	HON 3201	Colloquium Honors
PHIL 2303	PHI 1306	Logic
PHIL 2374	PHI 1307	Critical Thinking
PHIL 2306	PHI 1308	Introduction to Ethics
PHIL 1301	PHI 1321	Introduction to Philosophy
	PHI 3301	Moral Philosophy
	PHI 3310	History of Philosophy: Classical
	PHI 3312	History of Philosophy: Modern Europe
	PHI 3322	Philosophy and the Arts (for Art majors)
GOVT 2305	PSC 1305	American National Government
GOVT 2306	PSC 1306	American State & Local Government
PSYC 2301	PSY 1305	Introductory Psychology
SOCI 1301	SOC 1305	Introduction to Sociology

<b>POLITICAL SCIENCE:</b>		
GOVT 2305 AND 2306	PSC 2302	American Constitutional Development
Note: Both GOVT 2305 and 2306 must be complete before coming to Baylor to receive credit for PSC 2302. This course may not be transferred from another school after the student has earned hours at Baylor. This substitution is not available for Political Science majors.		

**LIFETIME FITNESS: Four activity courses are required**

MCLENNAN COURSE	BAYLOR COURSE	BAYLOR TITLE
<b>LAB SCIENCE: One courses from each area:</b>		
<b>AREA 1:</b>		
BIOL 1408	BIO 1401	Current Issues in Human Biology
BIOL 1409	BIO 1403	Exploring the Living World
BIOL 1406	BIO 1305-1105	Modern Concepts of Bioscience
BIOL 1407	BIO 1306-1106	Modern Concepts of Bioscience, Continued
	GEO 1401*	Earthquakes & other Natural Disasters
	GEO 1402	World Oceans
	GEO 1403*	Environmental Geology
GEO 1403	GEO 1405*	The Dynamic Earth
GEO 1404	GEO 1406	Earth Through Time
GEO 1401	GEO 1408	Earth Science
	NSC 1306-1106	Introduction to Neuroscience

* Credit allowed for only one of these courses.		
<b>AREA 2:</b>		
CHEM 1405	CHE 1300-1100 **	Introduction to Chemistry
CHEM 1411	CHE 1301-1101**	Basic Principles of Chemistry I
CHEM 1412	CHE 1302-1102	Basic Principles of Chemistry II
CHEM 1407	CHE 1341-1146	Introductory Organic Biochemistry
	CHE 1405**	Chemistry & Society
	PHY 1404	Light, Vision and Optics
PHY 1410	PHY 1405	General Physics for BA Students
	PHY 1407	Sound and Acoustics
	PHY 1408	Gen. Physics for Nat. & Behavioral Sci.I
	PHY 1420	General Physics I
PHY 1403	PHY 1455	Descriptive Astronomy

** Credit allowed for only one of these courses.		
<b>AREA 3:</b>		
A third 4-hour lab science course from above or others in the fields of biology, chemistry, geology or physics.		
	ANT 1404	Intro to Human Evolution
ENVR 1301-1101 or 1302-1102	ENV 1301-1101	Exploring Environmental Issues and lab
	ENV 1303-1103	Wildlife Ecology and lab
	FAS 1407	Freshman Academic Seminar: Science

<b>MATH:</b>		
MATH 1332	MTH 1301	Ideas in Mathematics
MATH 2412	MTH 1320	Pre-Calculus
MATH 2413	MTH 1321	Calculus I
MATH 1342	STA 1380	Elementary Statistics

<b>FOREIGN LANGUAGE: To be fulfilled with one of the following options:</b>		
A. Complete ONE Modern or Classical language through the 2320 level <u>OR</u>		
B. Complete TWO Classical languages through the 1302 or 1402 level.		
Two languages from Latin, Greek, and Hebrew may be used. (It is strongly recommended that the language requirement be started during the first year of residence work. Chemistry, Biochemistry, and Mathematics majors are required to take a modern foreign language.)		
FREN 1411	FRE 1401	Elementary French I
FREN 1412	FRE 1402	Elementary French II
FREN 2311	FRE 2310	Intermediate French I
FREN 2312	FRE 2320	Intermediate French II
SPAN 1411	SPA 1401	Elementary Spanish I
SPAN 1412	SPA 1402	Elementary Spanish II
SPAN 2311	SPA 2310	Intermediate Spanish I
SPAN 2312	SPA 2320	Intermediate Spanish II
GERM 1411	GER 1401	Elementary German I
GERM 1412	GER 1402	Elementary German II
GERM 2311	GER 2310	Intermediate German I
	GER 2320	Intermediate German II

<b>Taught at Baylor; no equivalent course at McleNNan</b>		
<b>Modern Languages:</b>		<b>Classical Languages:</b>
Arabic (ARB)	Korean (KOR)	Latin (LAT)
Chinese (CHI)	Portuguese (POR)	Greek (GKC)
Italian (ITA)	Russian (RUS)	Hebrew (HEB)
Japanese (JPN)	Swahili (SWA)	