

Name:

Date:

PeopleSoft ID:

Checklist for BS in Biology

Tr	UH	BIOLOGY (38 Hours):
		BIOL 1106 Biology for Science Majors I Lab
		BIOL 1306 Biology for Science Majors I
		BIOL 1107 Biology for Science Majors II Lab
		BIOL 1307 Biology for Science Majors II
		BIOL 3311 Advanced Methods and Writing in Genetics Lab **WID**
		BIOL 3301 Mendelian and Population Genetics
		BIOL 3306 Evolutionary Biology
		BIOL 4103 Integration of Biological Knowledge
		BIOL 4374 Cellular Biology
		BCHS 3304 General Biochemistry
		BIOL 3224 Human Physiology Lab
		OR BIOL 4206 Ecology and Evolution Lab
		OR BIOL 4272 Cellular Biology Lab
		OR BCHS 3201 General Biochemistry Lab
		BIOL _3_ 3 hours BIOL Elective*
		BIOL _3_ 3 hours Advanced BIOL Elective*
		BIOL _3_ 3 hours Advanced BIOL Elective*
		BIOL _3_ 3 hours Advanced BIOL Elective*

Tr	UH	CHEMISTRY (12 Hours):
		CHEM 1111 Fundamentals of Chemistry Lab I
		CHEM 1311 Fundamentals of Chemistry I
		CHEM 1112 Fundamentals of Chemistry Lab II
		CHEM 1312 Fundamentals of Chemistry II
		CHEM 2123 Organic Chemistry Lab I
		CHEM 2323 Organic Chemistry I

Tr	UH	PHYSICS (8 Hours):
		PHYS 1101 College Physics I Lab
		PHYS 1301 College Physics I
		PHYS 1102 College Physics II Lab
		PHYS 1302 College Physics II
		OR
		PHYS 2125 University Physics Lab I
		PHYS 2325 University Physics I
		PHYS 2126 University Physics Lab II
		PHYS 2326 University Physics II

Tr	UH	MATHEMATICS (12 Hours):
		MATH 2413 Calculus I
		MATH 2414 Calculus II
		MATH 2415 Calculus III
		OR MATH 3338 Probability
		OR MATH 3339 Statistics for the Sciences

Tr	UH	FREE ELECTIVES
(Additional hours to complete a total of 120 hours, including at least 36 advanced hours)		

*EXAMPLES OF BIOLOGY ELECTIVES		
(Check Catalog for Pre-Requisites)		
BIOL 2301/2302	Anatomy & Physiology I/II	
BIOL 2321	Microbiology for Science Majors	
BIOL 3304	The Biology of Social Behavior**	
BIOL 3305	Biodiversity**	
BIOL 3324	Human Physiology	
BIOL 3326	History and Philosophy of Biology**	
BIOL 3330	Biological Field Research**	
BIOL 3341	Human Genetics	
BIOL 3345	Plant Physiology**	
BIOL 3350	Science Communication Strategies**	
BIOL 3368	Ecology**	
BIOL 4315	Neuroscience**	
BIOL 4320	Molecular Biology**	
BIOL 4323	Immunology**	
BIOL 4324	Bioinformatics**	
BIOL 4347	Animal Behavior**	
BIOL 4354	Endocrinology**	
BIOL 4355	Human Virology**	
BIOL 4373	Microbial Physiology**	
BIOL 4384	Developmental Biology	
BIOL 3397/4397	Selected Topics**	

****Indicates the course is not offered at consistent intervals**

NSM CAPSTONE (Minimum 6 Advanced Hours):

- Must choose from one of the following:
- | | |
|---------------------------------------|--|
| <input type="checkbox"/> Minor | <input type="checkbox"/> Senior Research Project |
| <input type="checkbox"/> Double Major | <input type="checkbox"/> Senior Honors Thesis |
| <input type="checkbox"/> Dual Degree | <input type="checkbox"/> teachHouston |

Tr	UH	

CORE (Check UH Catalog or UH Core Website for Pre-Requisites)

Tr	UH	COMMUNICATION (6 Hours):
		ENGL 1301 First Year Writing I
		ENGL 1302 First Year Writing II

STATE REQUIREMENTS (12 Hours):

		American History (3 Hours)
		American History (3 Hours)
		GOVT 2305 U.S. Government: Congress, President, and Court
		GOVT 2306 U.S. and Texas Constitutions and Politics

FROM APPROVED CORE LIST (12 Hours): Choose from UH Core Website

		Creative Arts (3 Hours)
		Language, Philosophy & Culture (3 Hours)
		Social & Behavioral Sciences (3 Hours)
		See BIOL 3311 Writing in the Disciplines (3 Hours)***

RULES YOU NEED TO KNOW:

Numbers in parentheses indicate UH course numbers prior to Fall 2021.

- MINIMUM of a 2.00 GPA in cumulative, major, and minor GPA to graduate
- C- RULE:** MAXIMUM of 6 hours of grades below C- allowed in UH BIOL courses
 - PRE-REQ RULE:** Must earn a C- or better in all BIOL courses
 - LAST 30 hours must be exclusively completed at UH
- MAXIMUM of 6 W's allowed during entire undergraduate career
- MINIMUM of 36 advanced hours and 120 total hours to graduate
- MAXIMUM of 66 lower level transfer hours may be applied towards UH degree

Advisor: