

Name:

Date:

PeopleSoft ID:

Checklist for BS in Biology

Tr	UH	BIOLOGY (38 Hours):
		BIOL 1106 (1161) Biology for Science Majors I Lab
		BIOL 1306 (1361) Biology for Science Majors I
		BIOL 1107 (1162) Biology for Science Majors II Lab
		BIOL 1307 (1362) Biology for Science Majors II
		BIOL 3311 Genetics Lab Fall, Spring*** (WID)
		BIOL 3301 Genetics Fall, Spring
		BIOL 3306 Evolutionary Biology Fall, Spring
		BIOL 4103 Integration of Biological Knowledge Fall, Spring
		BIOL 4374 Cellular Biology Fall, Spring
		BCHS 3304 General Biochemistry Fall, Spring
		BIOL 3224 Human Physiology Lab
		OR BIOL 4206 Ecology and Evolution Lab Spring
		OR BIOL 4272 Cellular Biology Lab Fall
		OR BCHS 3201 General Biochemistry Lab Fall, Spring

		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 (1111) Fundamentals of Chemistry Lab I
		CHEM 1311 (1331) Fundamentals of Chemistry I
		CHEM 1112 (1112) Fundamentals of Chemistry Lab II
		CHEM 1312 (1332) Fundamentals of Chemistry II
		CHEM 2123 (3221) Organic Chemistry Lab I
		CHEM 2323 (3331) Organic Chemistry I

Tr	UH	PHYSICS (8 Hours):
		PHYS 1101 (1101) College Physics I Lab
		PHYS 1301 (1301) College Physics I
		PHYS 1102 (1102) College Physics II Lab
		PHYS 1302 (1302) College Physics II

		OR
		PHYS 2125 (1121) University Physics Lab I
		PHYS 2325 (1321) University Physics I
		PHYS 2126 (1122) University Physics Lab II
		PHYS 2326 (1322) University Physics II

Tr	UH	MATHEMATICS (12 Hours):
		MATH 2413 (1431) Calculus I
		MATH 2414 (1432) Calculus II
		MATH 2415 (2433) Calculus III
		OR MATH 3338 Probability Fall, Spring
		OR MATH 3339 Statistics for the Sciences Fall, Spring

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 2121 (3132) Elementary Microbiology Lab	Fall, Spring	
BIOL 2321 (3332) Elementary Microbiology	Fall, Spring	
BIOL 3304 The Biology of Social Behavior**		
BIOL 3305 Biodiversity**		
BIOL 3224 Human Physiology Lab	Fall, Spring	
BIOL 3324 Human Physiology	Fall, Spring	
BIOL 3326 History and Philosophy of Biology**		
BIOL 3341 Human Genetics	Fall, Spring	
BIOL 3345 Plant Physiology**		
BIOL 4315 Neuroscience**		
BIOL 4320 Molecular Biology**		
BIOL 4323 Immunology**		
BIOL 4324 Bioinformatics for Biologists**		
BIOL 4347 Animal Behavior**		
BIOL 4351 Current Topics in Reproductive Biology**		
BIOL 4354 Endocrinology**		
BIOL 4355 Human Virology**		
BIOL 4368 Ecology**		
BIOL 4373 Microbial Physiology**		
BIOL 4384 Developmental Biology	Spring	
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 (1303) First Year Writing I
		ENGL 1302 (1304) First Year Writing II

Tr	UH	STATE REQUIREMENTS (12 Hours):
		American History (3 Hours)
		American History (3 Hours)
		GOVT 2305 (POLS 1337) U.S. Government: Congress, President, and Court
		GOVT 2306 (POLS 1336) U.S. and Texas Constitutions and Politics

Tr	UH	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)
		Writing in the Disciplines (3 Hours)****
		See BIOL 3311

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: _____