

Name:

Date:

PeopleSoft ID:

Checklist for BA 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*

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

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

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

FOREIGN LANGUAGE (6 Hours):

		Foreign Language 23xx:	
		Foreign Language 23xx:	

FREE ELECTIVES

(Additional hours to complete a total of **120 hours**, including at least **36 advanced hours**)

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*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:

- ☐ Minor
☐ Double Major
☐ Dual Degree

- ☐ Senior Research Project
☐ Senior Honors Thesis
☐ teachHouston

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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.

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

Advisor: _____