

## Mathematical Biology - Bachelor of Science College of Natural Sciences & Mathematics

### I. CORE REQUIREMENTS (41 hours)\*

Course Name	Hours	TCCNS	UH
<b>Communication (6 hours)</b>			
English Composition I	3	ENGL 1301	ENGL 1301
English Composition II	3	ENGL 1302	ENGL 1302
<b>Mathematics (8 hours)</b>			
Calculus I	4	MATH 2413	MATH 2413
Calculus II	4	MATH 2414	MATH 2414
<b>Life &amp; Physical Sciences (8 hours)</b>			
Biology for Science Majors I	4	BIOL 1306/1106 or 1406	BIOL 1306/1106
Biology for Science Majors II	4	BIOL 1307/1107 or 1407	BIOL 1307/1107
<b>Creative Arts (3 hours)</b>			
Choose <b>one</b> course from your current college's core approved list.			
<b>Language, Philosophy, &amp; Culture (3 hours)</b>			
Choose <b>one</b> course from your current college's core approved list.			
<b>Social &amp; Behavioral Sciences (3 hours)</b>			
Choose <b>one</b> course from your current college's core approved list.			
<b>American History (6 Hours)</b>			
United States History I	3	HIST 1301	HIST 1377
United States History II	3	HIST 1302	HIST 1378
<b>Government/Political Sciences (6 hours)</b>			
Federal Government	3	GOVT 2305	GOVT 2305
Texas Government	3	GOVT 2306	GOVT 2306

### II. MAJOR REQUIREMENTS (31 hours)\*

Course Name	Hours	TCCNS	UH
General Chemistry I	4	CHEM 1311/1111 or 1411	CHEM 1331/1111
General Chemistry II	4	CHEM 1312/1112 or 1412	CHEM 1332/1112
Organic Chemistry I	4	CHEM 2323/2123 or 2423	CHEM 2323/2123
Organic Chemistry II	4	CHEM 2325/2125 or 2425	CHEM 2325/2125
Linear Algebra	3	MATH 2318	MATH 2318
Calculus 3	4	MATH 2415	MATH 2415
University Physics I	4	PHYS 2325/1125 or 2425	PHYS 2325/2125
University Physics II	4	PHYS 2326/1126 or 2426	PHYS 2326/2126

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#### \*TRANSFER CREDIT LIMIT:

**A maximum of 66 hours (grades C- or better) of 1000/2000 level transfer hours may be applied toward a UH degree.** These are the 66 hours that best meet the degree requirements for your UH degree combination (Major, Double Major, Double Degree, and Minor).

- Students who currently attend UH should refer to their departmental advisor **BEFORE** taking courses at another college.
- Courses listed above are **suggested** courses for this degree. Other courses in combination may apply to a degree.
- See department or course catalog for further information on your degree plan.

#### Texas Undergraduate In-State Tuition Enrollment Cap

Under current rules, Texas resident undergraduate students who enrolled for the first time in a Texas public institution of higher education in fall 1999 or later may be charged a premium tuition rate after they reach an established enrollment cap. For details, see [http://www.uh.edu/provost/stu/stu\\_enrollcapqs.html](http://www.uh.edu/provost/stu/stu_enrollcapqs.html)