Computer Science - Bachelor of Science
College of Natural Sciences & Mathematics

I. CORE REQUIREMENTS (38 hours)*

Course Name	Hours	TCCNS	UH
Communication (6 hours)			
English Composition I	3	ENGL 1301	ENGL 1301
English Composition II	3	ENGL 1302	ENGL 1302
Mathematics (8 hours)			
Calculus I	4	MATH 2413	MATH 2413
Calculus II	4	MATH 2414	MATH 2414
Life & Physical Sciences			
Will be satisfied by choosing six (6) credit hours of the below lecture hours from Eligible Science Courses.			
Creative Arts (3 hours)			
Choose **one** course from your current college's core approved list.			
Language, Philosophy, & Culture (3 hours)			
Choose **one** course from your current college's core approved list.			
Social & Behavioral Sciences (3 hours)			
Choose **one** course from your current college's core approved list.			
American History (6 Hours)			
United States History I	3	HIST 1301	HIST 1301
United States History II	3	HIST 1302	HIST 1302
Government/Political Sciences (6 hours)			
Federal Government	3	GOVT 2305	GOVT 2305
Texas Government	3	GOVT 2306	GOVT 2306
Writing in the Disciplines (3 hours)			
Choose **one** course from your current college's core approved **Component Area Option** list.			

II. MAJOR REQUIREMENTS (18-22 hours)*

Course Name	Hours	TCCNS	UH
Programming Fundamentals I	3-4	COSC 1336 **or** 1436	COSC 1336
Programming Fundamentals II	3-4	COSC 1337 **or** 1437	COSC 1437
Programming Fundamentals III	3-4	COSC 2336 **or** 2436	COSC 2436
Computer Organization	3-4	COSC 2325 **or** 2425	COSC 2425
Discrete Math	3	MATH 2305	MATH 2305
Linear Algebra	3	MATH 2318	MATH 2318

III. ELIGIBLE SCIENCE COURSES (**Choose up to 14 hours**)*^

Course Name	Hours	TCCNS	UH
Biology for Science Majors I	3-4	BIOL 1306/1106 **or** 1406	BIOL 1306/1106
Biology for Science Majors II	3-4	BIOL 1307/1107 **or** 1407	BIOL 1307/1107
Anatomy & Physiology I	3	BIOL 2301 **or** 2401	BIOL 2301
Anatomy & Physiology II	3	BIOL 2302 **or** 2402	BIOL 2302
Microbiology for Science Majors	3-4	BIOL 2321/2121 **or** 2421	BIOL 2321/2121
General Chemistry I	3-4	CHEM 1311/1111 **or** 1411	CHEM 1311/1111
General Chemistry II	3-4	CHEM 1312/1112 **or** 1412	CHEM 1312/1112
Physical Geology	3-4	GEOL 1303/1103 **or** 1403	GEOL 1303/1103
Historical Geology	3-4	GEOL 1304/1104 **or** 1404	GEOL 1304/1104
Oceanography	3-4	GEOL 1345 **or** 1445	GEOL 1345
Meteorology	3-4	GEOL 1347/1147 **or** 1447	GEOL 1347/1147
College Physics I **OR** University Physics I**	3-4	PHYS 1301/1101 or 1401 **OR** PHYS 2325/2125 or 2425	PHYS 1301/1101 **OR** PHYS 2325/2125
College Physics II **OR** University Physics II**	3-4	PHYS 1302/1102 or 1402 **OR** PHYS 2326/2126 or 2426	PHYS 1302/1102 **OR** PHYS 2326/2126

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^The degree requirement is fourteen (14) hours of approved Life & Physical Sciences, including 2 labs. These courses must be from outside the student's major, and only include those courses approved for NSM majors.
Credits may not be applied toward a degree for both College and University Physics.

*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 https://www.uh.edu/provost/policies-resources/student/#enrollment-cap