

# UH MAIN, COMPUTER SCIENCE, BS FT

## Transfer Plans

### · UH Main, Computer Science, BS University of Houston - Main Campus Full Time

#### UH Main, Computer Science MAP

For college-ready students seeking a Computer Sciences AS at San Jacinto College, transferring to UHM seeking a BS in UH Main, Computer Science.

Course	Title	Credits
<b>First Year</b>		
<b>First Term</b>		
PSYC 1100 or EDUC 1100	Learning Framework or Learning Framework	1
ENGL 1301	Composition I	3
PHED 1164	Introduction to Physical Fitness and Wellness <sup>1</sup>	1
COSC 1436	Programming Fundamentals I	4
MATH 2413	Calculus I <sup>2</sup>	4
HIST 1301	United States History I	3
<b>Credits</b>		<b>16</b>
<b>Second Term</b>		
ENGL 1302	Composition II	3
COSC 1437	Programming Fundamentals II	4
MATH 2414	Calculus II	4
PHYS 2325 & PHYS 2125	University Physics I (lecture) and University Physics I (lab)	4
<b>Credits</b>		<b>15</b>
<b>Second Year</b>		
<b>First Term</b>		
COSC 2436	Programming Fundamentals III	4
PHYS 2326 & PHYS 2126	University Physics II (lecture) and University Physics II (lab)	4
HIST 1302	United States History II	3
GOVT 2305	Federal Government (Federal Constitution and Topics)	3
<b>Credits</b>		<b>14</b>
<b>Second Term</b>		
MATH 2318	Linear Algebra <sup>3</sup>	3
SOCI 1301	Introduction to Sociology	3
GOVT 2306	Texas Government (Texas Constitution and Topics)	3
ARTS 1301	Art Appreciation	3
PHIL 1301	Introduction to Philosophy	3
<b>Credits</b>		<b>15</b>
<b>Total Credits</b>		<b>60</b>

<sup>1</sup>Students who are required to complete a prerequisite for MATH 2413 Calculus I do not need to take PHED 1164 Introduction to Physical Fitness and Wellness, which does not transfer to UH Main. Students may wish to complete MATH 2305 Discrete Mathematics, a 3 SCH course that will transfer to UH Main, instead of taking PHED 1164 Introduction to Physical Fitness and Wellness.

<sup>2</sup>To take MATH 2413 Calculus I, students must successfully complete either the prerequisite course MATH 2412 Pre-Calculus Math or placement by testing. Students who test and place out of only MATH 1314 College Algebra will need to take MATH 2412 Pre-Calculus Math during their first term. Students who place out of both MATH 1314 College Algebra and MATH 2412 Pre-Calculus Math may start with MATH 2413 Calculus I as indicated on this MAP. Once students complete MATH 2413 Calculus I, they may then take MATH 2414 Calculus II followed by MATH 2318 Linear Algebra. <sup>3</sup>Students may also be interested in taking COSC 2325 Computer Organization, which will help them understand the upper-level course work more fully; however, COSC 2325 Computer Organization does not transfer to UH Main.

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