

COMPUTER SCIENCE, ASSOCIATE OF SCIENCE



If you do not see your transfer school, please follow the Plan of Study. (p.) For more information, contact an Admissions Advisor. Please speak to an advisor at San Jacinto College and the transfer institution to ensure this Transfer Plan is accurate and complete.

Computer Science

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
First Year		
First Term		
PSYC 1100 or EDUC 1100	Learning Framework or Learning Framework	1
ENGL 1301	Composition I	3
PHED 1164	Introduction to Physical Fitness and Wellness ¹	1
COSC 1436	Programming Fundamentals I	4
MATH 2413	Calculus I ²	4
HIST 1301	United States History I	3
Credits		16
Second Term		
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
Credits		15
Second Year		
First Term		
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
Credits		14
Second Term		
MATH 2318	Linear Algebra ³	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
Credits		15
Total Credits		60

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.

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. 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.

• UH Main, Computer Science, BS University of Houston - Main Campus Part 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
First Year		
First Term		
EDUC 1100 or PSYC 1100	Learning Framework or Learning Framework	1
ENGL 1301	Composition I	3
PHED 1164	Introduction to Physical Fitness and Wellness ¹	1
COSC 1436	Programming Fundamentals I	4
Credits		9

Second Term

MATH 2413	Calculus I ²	4
ENGL 1302	Composition II	3
COSC 1437	Programming Fundamentals II	4
Credits		11

Second Year**First Term**

MATH 2414	Calculus II	4
PHYS 2325 & PHYS 2125	University Physics I (lecture) and University Physics I (lab)	4
HIST 1301	United States History I	3
Credits		11

Second Term

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
Credits		11

Third Year**First Term**

GOVT 2305	Federal Government (Federal Constitution and Topics)	3
MATH 2318	Linear Algebra ³	3
SOCI 1301	Introduction to Sociology	3
Credits		9

Second Term

GOVT 2306	Texas Government (Texas Constitution and Topics)	3
ARTS 1301	Art Appreciation	3
PHIL 1301	Introduction to Philosophy	3
Credits		9

Total Credits 60

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.

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.

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.

• UHCL, Computer Science, BS University of Houston - Clear Lake Full Time

UHCL, Computer Science MAP

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

Course	Title	Credits
First Year		
First Term		
EDUC 1100 or PSYC 1100	Learning Framework or Learning Framework	1
ENGL 1301	Composition I	3
PHED 1164	Introduction to Physical Fitness and Wellness ¹	1
COSC 1436	Programming Fundamentals I	4
MATH 2413	Calculus I ²	4
HIST 1301	United States History I	3
Credits		16
Second Term		
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
Credits		15
Second Year		
First Term		
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
Credits		14
Second Term		
MATH 2318	Linear Algebra ³	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
Credits		15
Total Credits		60

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 UHCL. Students may wish to complete MATH 2305 Discrete Mathematics, a 3 SCH course that will transfer to UHCL, instead of taking PHED 1164 Introduction to Physical Fitness and Wellness.

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. 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 UHCL.

• UHCL, Computer Science, BS University of Houston - Clear Lake Part Time

UHCL, Computer Science MAP

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

Course	Title	Credits
First Year		
First Term		
EDUC 1100 or PSYC 1100	Learning Framework or Learning Framework	1
ENGL 1301	Composition I	3
PHED 1164	Introduction to Physical Fitness and Wellness ¹	1
COSC 1436	Programming Fundamentals I	4
Credits		9
Second Term		
MATH 2413	Calculus I ²	4
ENGL 1302	Composition II	3
COSC 1437	Programming Fundamentals II	4
Credits		11
Second Year		
First Term		
MATH 2414	Calculus II	4
PHYS 2325 & PHYS 2125	University Physics I (lecture) and University Physics I (lab)	4
HIST 1301	United States History I	3
Credits		11
Second Term		
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
Credits		11
Third Year		
First Term		
GOVT 2305	Federal Government (Federal Constitution and Topics)	3
MATH 2318	Linear Algebra ³	3

SOCI 1301	Introduction to Sociology	3
Credits		9
Second Term		
GOVT 2306	Texas Government (Texas Constitution and Topics)	3
ARTS 1301	Art Appreciation	3
PHIL 1301	Introduction to Philosophy	3
Credits		9
Total Credits		60

¹Students 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 UHCL. Students may wish to complete MATH 2305 Discrete Mathematics, a 3 SCH course that will transfer to UHCL, instead of taking PHED 1164 Introduction to Physical Fitness and Wellness.

²To 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.

³Students 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 UHCL.

No matching transfer programs found. Reset your selections and try again.