HCC Associate of Science, Chemistry to Houston Christian University BS, Chemistry - Articulation Pathway

4 – Year Suggested Academic Plan for Transfer, Effective 2025 – 2026 Catalog Year

First Year - Freshman

Fall Semester				Spring Semester			
HCC	HCU	Course Name	Hrs	HCC	HCU	Course Name	Hrs
EDUC 1300	TRAN	General Elective	3	PSYC 2301	PSYC 1313	Intro to Psychology	3
MATH 2413	MATH 1451/1051	Calculus I	4	MATH 2414	MATH 1452/1052	Calculus II	4
CHEM 1311/1111	CHEM 2315/2115	General Chemistry I (Lecture and Lab)	4	CHEM 1412	CHEM 2316/2116	General Chemistry II (Lecture and Lab)	4
ENGL 1301	ENGL 1313	English Composition and Literature	3	ENGL 1302	ENGL 1323	English Composition and Literature II	3
HIST 1301, HIST 1302, HIST 2311, or HIST 2312	HIST 2313, HIST 2323, HIST 2311, or HIST 2312	U.S. History I, U.S. History II, Western Civilization I, or Western Civilization II	3	HIST 1301, HIST 1302, HIST 2311, or HIST 2312	HIST 2313, HIST 2323, HIST 2311, or HIST 2312	U.S. History I, U.S. History II, Western Civilization I, or Western Civilization II	3
Total			**17**	**Total**			**17**

Second Year - Sophomore

Fall Semester				Spring Semester			
HCC	HCU	Course Name	Hrs	HCC	HCU	Course Name	Hrs
GOVT 2305	GOVT 2313	American Government	3	CHEM 2425	CHEM 3333/3132	Organic Chemistry II (Lecture and Lab)	4
CHEM 2423	CHEM 3313/3131	Organic Chemistry I (Lecture and Lab)	4	GOVT 2306	TRAN	General Elective	3
PHYS 2325/2125	PHYS 2413/2013	Principles of Physics I (Lecture and Lab)	4	PHYS 2326/2126	PHYS 2423/2023	Principles of Physics II (Lecture and Lab)	4
ENGL 2322, 2323, 2327, 2328, 2332, or 2333	ENGL 2315 or ENGL 2325	Great Works of Literature I or Great Works of Literature II	3	ARTS 1301 or MUSI 1306	ART 2343 or MUSI 1331	Art Appreciation or Music Appreciation	3
Total			**14**	**Total**			**14**

Third Year - Junior

Fall Semester			Spring Semester		
HCU	Course Name	Hrs	HCU	Course Name	Hrs
CHEM 3351 or CHEM 4361	Inorganic Chemistry or Advanced Organic Chemistry	3	CHEM 3443/3023 or CHEM 4414/4014	Modern Analytical Techniques or Physical Chemistry	4
CHEM 3423/3023	Quantitative Analysis (Lecture and Lab)	4	CHEM 4374	Biochemistry II	3
CHEM 4373	Biochemistry	3	Core/Elective Courses	LACC or general elective courses not already taken	9
Core/Elective Courses	LACC or general elective courses not already taken	6	BCMB 4111	Bioanalytical Methods	1
Total		**16**	**Total**		**17**

Fourth Year – Senior

Fall Semester			Spring Semester		
HCU	Course Name	Hrs	HCU	Course Name	Hrs
CHEM 3351 or CHEM 4361	Inorganic Chemistry or Advanced Organic Chemistry	3	CHEM 3443/3023 or CHEM 4414/4014	Modern Analytical Techniques or Physical Chemistry	4
Core/Elective Courses	LACC or general elective courses not already taken	12	CHEM 4291	Senior Seminar	2
			Core/Elective Courses	LACC or general elective courses not already taken	9
Total		**15**	**Total**		**15**

Notes/Comments:

HCC Associate of Science, Chemistry to Houston Christian University BS, Chemistry - Articulation Pathway

Houston Christian University – Transfer Information

Program Specific Information:

Bachelor of Science in Chemistry

Below is a pathway from the HCC Associate of Science in Chemistry degree to the HCU Bachelor of Science in Chemistry degree that allows students to complete both programs in four years—two at HCC and two at HCU.

Program Admissions Requirements:

Transfer of Credit & Student Benefits:

62 hours taken at HCC during the first two years transfer to HCU

63 hours taken at HCU during the last two years

125 total hours

The student will transfer in more than 45 hours, so FYS 1300 is not required and CHRI 3300 may be taken instead of CHRI 1301 and CHRI 2373.