

### Addendum II: HCC to NCF Pathway: Chemistry

In the table below, the courses a student completes at HCC meet the NCF requirements for a Chemistry area of concentration on a course by course basis. Where no comparable courses exist, the space for the course name is left blank.

HCC Associate in Arts Degree requirements also include a) completion of IDS 2891 Connections, b) demonstration of computer proficiency either through taking CGS 2100 or an alternative as described in the HCC Catalog, and c) demonstration of foreign language competency as described in the HCC Catalog.

HCC		NCF equivalent skills/prerequisites
Course	Credits	Course
<b>General Education Curriculum</b>	<b>36</b>	<b>New College Liberal Arts Curriculum (general education)</b>
<b>Communication</b>	<b>9</b>	<b>Communication (Area I)</b>
ENC 1101 English Composition I	3	College Composition I
ENC 1102 English Composition II	3	Composition: Literature
SPC 1608 Introduction to Public Speaking	3	Public Speaking
<b>Humanities</b>	<b>6</b>	<b>Humanities (Area II)</b>
Six hours of general education humanities coursework is required; at least one course must be a State Core Option.	3	New College Liberal Arts Curriculum Humanities Course
HUM 2230 World Humanities: Early Modern to Contemporary	3	New College Liberal Arts Curriculum Diverse Perspectives/Humanities Course
<b>Mathematics</b>	<b>6-10</b>	<b>Mathematics (Area III)</b>
MAC 2311 Calculus & Analytic Geometry I	5	Calculus w/ Analytic Geometry I
MAC 2312 Calculus & Analytic Geometry II	5	Calculus & Analytic Geometry II
<b>Science (choose 2 courses; one option must include a lab; one option must be a State Core Option)</b>	<b>8</b>	<b>Natural Science (Area IV)</b>
CHM 2045/L General Chemistry I w/Lab	4	General Chemistry I w/Lab
BSC 2010/L Biological Science I w/Lab	4	General Biology I w/Lab
<b>Social Science</b>	<b>9</b>	<b>Social and Behavioral Science (Area V)</b>
ANT 2000 Introduction to Anthropology OR SYG 2000 Introduction to Sociology	3	Introduction to Anthropology OR Introduction to Sociology
AMH 2020 Modern American History OR POS 2041 American Government*	3	AMH 2020 Modern American History OR POS 2041 American Government (civic literacy requirement)
Social/Behavioral Science Gen Ed (choose 1) · ANT 2000 Introduction to Anthropology · EUH 2001 The Western World: Modern Europe	3	International/Intercultural Courses – 3 credits required and may be acquired in humanities or social science
<b>Electives (select from below)</b>	<b>24</b>	
CHM 1025/L Introductory Chemistry/Lab**	4	Introduction to Chemistry/L
CHM 2046C General Chemistry II w/Lab	4	General Chemistry II w/Lab (recommended)
CHM 2210C Organic Chemistry I w/Lab	4	Organic Chemistry I w/Lab (recommended)
CHM 2211C Organic Chemistry II w/Lab	4	Organic Chemistry II w/Lab (recommended)
PHY 2053/L General Physics I w/ Lab	4	College Physics I w/Lab
Unassigned elective	4	Transfer credit

\*PSY 2012 General Psychology may be taken if the international/intercultural course requirement is satisfied by a humanities course option.

\*\*CHM 1025 with Lab is not a general education course at HCC. Students may place directly into higher-level chemistry courses if they take a chemistry placement test.