

**ASSOCIATE OF SCIENCE DEGREE in CHEMISTRY**Detailed course information is available from the [Course Descriptions](#) section of the online catalog.**Core Component**

THECB Core Curriculum Component	Courses	Credit Hours*
<b>Communication</b>	Choose Two (2): ENGL 1301,1302, 2311	6
<b>Mathematics</b>	Choose One (1): MATH 1316, 1414, 2412, 2413	3 <sup>^</sup>
<b>Life and Physical Sciences</b>	Choose a minimum of Six (6) Hours: ANTH 2401; BIOL 1108, 1308, 1322, 1406, 1407, 1411, 1413, 2306, 2404; GEOL 1403, 1404, 1445; PHYS 1401, 1402, 2425	6 <sup>^</sup>
<b>Language, Philosophy, Culture</b>	Choose One (1): ENGL 2323, 2333; PHIL 1301, 2306	3
<b>Creative Arts</b>	Choose One (1): ARCH 1301, 1302, 1311; ARTS 1301, 1303, 1304; DRAM 1310, 2361, 2362, 2366; MUSI 1301, 1306, 1308, 1310	3
<b>American History</b>	Choose Two (2): HIST 1301, 1302, 2301	6
<b>Government/Political Science</b>	GOVT 2305 and 2306	6
<b>Social and Behavioral Sciences</b>	Choose One (1): ANTH 2302, 2346, 2351; ECON 2301, 2302; GEOG 1302, 1303, 2312; PSYC 2301, 2308, 2319; SOCI 1301,1306, 2301; SPCH 1318	3
<b>Component Area Option</b>	Choose two (2) courses equaling six (6) hours unless overflow hours from Life and Physical Sciences and Mathematics are used: SPCH 1311, 1315, 1321, 2335; PHED 1164	6 <sup>^</sup>
^If any overflow hours are earned from Math or Life & Physical Sciences, they will be applied to the Component Area Option.		
<b>Total Core Curriculum Hours</b>		<b>42</b>

**Academic Electives**

Discipline	Courses	Credit Hours
<b>General Academic Electives</b>	Any General Academic Electives	6
<b>Total General Academic Elective Hours</b>		<b>6</b>

**Area of Concentration**

Discipline	Courses	Credit Hours
<b>Chemistry</b>	CHEM 1411, 1412, 2423, 2425	12
<b>Total Area of Concentration Hours</b>		<b>12</b>

<b>Total Hours for Degree</b>		<b>60</b>
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**\*Note:** The second digit of a course rubric identifies the number of credit hours a student will earn upon completing the course. For example: **ENGL 1301** is a 3 credit hour course, as denoted by the 2<sup>nd</sup> digit.