

AS - ASSOCIATE IN SCIENCE 2021-2022 Credential Year

Schoolcraft Degree and Program Code	AS - ASSOCIATE IN SCIENCE # AS.00042 Another program code may be specified for specific programs, such as the Pre-Pharmacy program.
Description	The associate in science (AS) degree is for students who plan to pursue baccalaureate degree in a science-related field. Schoolcraft students may complete the degree by following the requirements specified by the transfer institution and Schoolcraft College (SC).
Degree Focus	<p>Transfer: Completion of a broad distribution of liberal arts courses in the English, humanities, mathematics, natural sciences and social sciences distribution areas that may be used to meet transfer requirements toward a baccalaureate degree with an intended focus toward the sciences and related fields.</p> <p>Some liberal arts courses cannot be used to satisfy the Michigan Transfer Agreement (MTA). Please see your advisor or review the MTA course list on schoolcraft.edu/transfer and select "Michigan Transfer Agreement".</p>
English Communication	Minimum 6 credit hours. Completion of a minimum of two English communication courses within a set of courses. ENG 101 _M and ENG 102 _M * or ENG 102 _M and ENG 221 _M * or ENG 102 _M and COMA 103 _M +* or ENG 221 _M and COMA 103 _M +*
Humanities⁺	Minimum 4 credit hours. Completion of a minimum of two humanities courses from two different disciplines. Art, Communication Arts, English (Literature), Foreign Language, History ⁺ , Humanities, Music, Philosophy or Theatre
Mathematics	Minimum 20 credit hours. Completion of a minimum of one mathematics course from Schoolcraft's approved Michigan Transfer Agreement (MTA) course list.
Natural Sciences	Completion of a minimum of two natural science courses from two different disciplines. One must be a lab science course. Biology, Chemistry, Geography ⁺ , Geology, Nutrition and Food Science or Physics
Social Sciences⁺	Minimum 6 credit hours. Completion of a minimum of two social science courses from two different disciplines. Anthropology, Economics, Geography ⁺ , History ⁺ , Political Science, Psychology or Sociology
Major Area of Study	Minimum 24 credit hours in liberal arts courses that satisfy transfer and academic goals and requirements.
General Electives	
Course Level	All courses that apply to this degree must be at the 100- through 400-level with a minimum grade point average (GPA) of 2.0.
Credit Requirement	Minimum 60 credit hours.

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<p>Institutional Requirements</p>	<p>Completion of all Schoolcraft College Core Abilities and a minimum of 16 credit hours associate-level Schoolcraft College General Education requirements in English, humanities, mathematics, natural sciences and social sciences.</p> <p>The Michigan Transfer Agreement (MTA) may be used to fulfill the Schoolcraft College General Education requirements.</p> <p><u>PLEASE NOTE:</u> Students may not use the same History course to satisfy both the humanities and social sciences distribution requirement. Additionally, students may not use COMA 103M+* to satisfy both the humanities and English communications distribution requirement.</p> <p>Only certain Geography courses can be used for a natural science or social science course.</p> <p>There are three (3) types of courses that may be used toward fulfilling associate degrees at Schoolcraft College: liberal arts, applied liberal arts, and occupational. Applied liberal arts or occupational courses may not account for more than 15 credits in an AS degree. While the applied liberal arts courses provide immediate skill building opportunities, their transferability and value should be discussed with an academic advisor. Most transferable courses may be found in the Schoolcraft College MTA requirements.</p>
<p>Types of Courses</p>	<p>There are two primary types of courses that may be used towards fulfilling credentials^c such as certificate, associate, or bachelor degrees at Schoolcraft College (SC). The nature, goals, and use of each course determines the type of course and how it applies toward each credential at Schoolcraft College or at other transfer institutions. The two types of courses include occupational and liberal arts courses.</p> <ol style="list-style-type: none"> 1. Occupational Courses – Occupational courses have a direct career relationship and focus on developing necessary knowledge and skills to enter the work force within the chosen field of study-e.g., ACCT 103, EMT 115, MFG 211, WELD 120. Courses may or may not transfer to another institution and are written in bold font. No SC occupational course may be used toward SC General Education (SCGE) or to meet the requirements for Michigan Transfer Agreement (MTA)^{^ T}. 2. Liberal Arts Courses – Liberal Arts courses provide general knowledge and theory in the arts, language and communication, humanities, natural sciences, math and social sciences areas. Liberal Arts courses may fall into three categories: <ol style="list-style-type: none"> a. Applied Liberal Arts – courses that are focused on building particular skills through the practice and application of talents or concepts-e.g., <i>ART 248, ENG 205, CAB 100, THEA 204, MUSIC 114, COLLS 105</i>. Applied Liberal Arts courses typically do not transfer to other institutions and are written in italicized font. A subset of these courses may be used toward meeting the requirements for SCGE. b. Liberal Arts used for Schoolcraft College General Education (SCGE) – courses that are theory-based or application-based which offer a wide distribution of experiences to students across multiple disciplines-e.g., ENG 100, PSYCH 153M, HIST 138M+, MATH 106. These courses may or may not transfer to another institution. The Liberal Arts courses that do not transfer are typically applied in nature and are written in plain text-e.g., MATH 106. The Liberal Arts courses that are intended to transfer are typically theory-based and are denoted with a subscript_M-e.g., PSYCH 153_M –see paragraph 2c. c. Liberal Arts Courses used for Transfer – courses which are theory-based and offer a wide distribution of experiences to students across multiple disciplines-e.g., PSYCH 153_M, BIOL 101_M^L, ECON 201_M, ART 120_M, MATH 111_M. These courses are a sub-set of the Liberal Arts used for SCGE which meet both SCGE and the requirements for the Michigan Transfer Agreement (MTA). The MTA identified courses are intended to meet the general education requirements at transfer institutions and are denoted with a subscript_M-e.g., MATH 111_M. Information about the MTA requirements may be found at https://www.macrao.org/.

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	<p>^c = Credentials – a documentation of satisfactory completion of courses that result in a nationally recognized acknowledgement of learning and skills. Schoolcraft College offers skills certificate, certificate, associate and bachelor degree credentials.</p> <p>[^] = Courses used for SCGE and MTA – a list of specific disciplines and course numbers within each distribution area that meet the requirements for Schoolcraft General Education (SCGE) and the Michigan Transfer Agreement (MTA) may be found here: http://www.schoolcraft.edu/catalog.</p> <p>^T = Transferability of courses should be discussed with an academic advisor and may be dependent on the receiving institution.</p>
<p>Key</p>	<p>Plain text = Liberal Arts courses used to satisfy Schoolcraft College General Education (SCGE) requirements.</p> <p>^M = Liberal Arts courses used to satisfy SCGE requirements and the Michigan Transfer Agreement (MTA) requirements.</p> <p>* = Only these courses or combination of courses may be used to satisfy the final requirement for MTA English Communications.</p> <p>^L = Lab Science</p> <p>⁺ = Students may not use the same History course to satisfy both the humanities and social sciences or COMA 103^{M+} to satisfy both humanities and English communications. Only certain Geography courses can be used for a natural science or social science course.</p> <p><i>Italicized text</i> = Applied Liberal Arts courses that do not qualify to meet SCGE requirements or MTA requirements (Courses may or may not transfer to another institution.)</p> <p>BOLD = Occupational Courses have a direct career relationship, and focus on developing necessary knowledge and skills to enter the work force within the chosen field of study. (Courses may or may not transfer to another institution. No SC occupational courses may be used toward SC General Education or to meet the requirements for MTA.)</p> <p>Liberal Arts courses will typically transfer to another institution. They provide general knowledge and theory in the arts, language and communication, humanities, natural sciences, math and social sciences.</p>