

ASSOCIATE IN SCIENCE (AS) DEGREE
(Includes AGEC-S: Arizona General Education Curriculum-Science)
Official MCCCD Advisement Check Sheet
2018-2019 Catalog Year

The Associate in Science degree is designed for students planning to transfer to four-year colleges and universities. In general, the components of the degree meet requirements for majors with more stringent mathematics and mathematics-based science requirements. Generally, the degree will transfer as a block without loss of credit to Arizona's public universities and other institutions with district-wide articulation agreements.

ALL GRADES MUST BE "C" OR BETTER

60 – 64 CREDITS (Numbered 100 and above) REQUIRED FOR DEGREE

NAME	ADVISOR / COLLEGE	UNIVERSITY MAJOR / CATALOG YEAR
SID	DATE	CODE: 8600

General education values are based on the semester in which the student is awarded credit on the transcript. See AGEC courses: http://aztransfer.com/mccd_matrix

GENERAL EDUCATION AGEC-S CORE REQUIREMENTS* (36-38 Credits)	CREDITS	GRADE	SEMESTER	NOTES
First-Year Composition (6 Credits)				
FYC - ENG 101 OR 107	3			
FYC - ENG 102 OR 108	3			
Literacy & Critical Inquiry (0-3 credits)				
L - Recommend selecting a course that satisfies L (Literacy and Critical Inquiry) and SB (Social-Behavioral Sciences) or L (Literacy and Critical Inquiry) and HU (Humanities, Arts & Design) or L (Literacy and Critical Inquiry) and COM or L (Literacy and Critical Inquiry) and CRE101 requirements simultaneously.	0-3			
Mathematical Applications (4 Credits)				
MA - MAT 220 OR 221, OR any MAT course for which MAT 220 or MAT 221 is a prerequisite.	4			
Humanities, Arts & Design (6 Credits) Students are encouraged to choose courses from more than one discipline for a total of six semester credits.				
HU - (See note above concerning Literacy & Critical Inquiry)	3			
HU -	3			
Social-Behavioral Sciences (6 Credits) Students are encouraged to choose courses from more than one discipline for a total of six semester credits.				
SB - (See note above concerning Literacy & Critical Inquiry)	3			
SB -	3			
Natural Sciences (8 Credits) Select a sequence of the same science.				
SQ – (CHM 151&151LL OR CHM150AA OR CHM151AA OR CHM150&151LL) OR (PHY 115 OR 121), OR BIO 181	4			
SQ or SG – (CHM 152&152LL or CHM152AA), (PHY 116 OR 131), OR BIO 182	4			
Subject Options (subject based on major) Complete the AGEC-S through careful selection of courses that meet the other major or prerequisite requirements for Science degree. Using a transfer guide, select courses from Mathematics courses above Calculus, Computer Science, and/or Science courses from: Astronomy, Biology, Botany, Chemistry, Engineering, Environmental Science, Geology, Physical Geography, Physics, and/or Zoology (MCCCD prefixes: AST, BIO (except BIO174), CHM, CSC, ECE, EEE, ENV, GLG, GPH, MAT, PHY)				
	3-4			3-4
AWARENESS AREAS May be shared with core.				
Cultural Diversity in the U. S. [C]	CR	GR	SEM	Historical [H] or Global [G] Awareness
	0-3			CR GR SEM
				0-3

MCCCD ADDITIONAL REQUIREMENTS (0-6 Credits) May be shared with core.				
Oral Communication (0-3 Credits)				Critical Reading (0-3 Credits)
COM 100, 100AA-AC, 110, 110AA-AC, 225, OR 230	0-3			CRE 101 OR Equivalent as indicated by assessment
				0-3

GENERAL ELECTIVES TO COMPLETE 60 CREDIT MINIMUM*				
Recommend courses from common course list, major guide and/or applicable university transfer guide. See www.aztransfer.com				
*	3			*
*	3			3
*	3			3

* See the Academic Policies governing this degree, presented on the following page, for information on course selection to fulfill AGEC and Electives areas.

Notes: Check with advisement / records offices for the posting of AGEC certification for block transfer on official transcripts. Students are responsible for proper selection of courses and verification of coursework applicability with their transfer university.

All information published is subject to change without notice. Every effort has been made to ensure the accuracy of information presented, but based on the dynamic nature of the curricular process, course and program information is subject to change in order to reflect the most current information available.

Maricopa County Community College District (MCCCD)
2018-2019 General Academic Policies for Associate Degrees Designed for University Transfer

Academic Policies that Govern the Associate Degrees Designed for University Transfer:

(Associate in Arts [AA]; Associate in Science [AS]; Associate in Arts Elementary Education [AA-EE]; Associate in Fine Arts [AA-FA] for Dance, Theatre or Arts; and Associate in Business General Requirements or Special Requirements [ABUS-GR, ABUS-SR]).

Note that academic policies that govern the Associate in General Studies [AGS] and Associate in Applied Science [AAS] degrees are listed separately, with the requirements for each of those degrees.

- The graduation policies within the general catalog must be satisfied (Administrative Regulation 2.3.9 General Graduation Requirements).
- Minimum semester credits for completion vary slightly by degree: 60 credits for AA, AS, AA-EE, AA-FA-Theatre, and AA-FA-Art; 62 credits for ABUS-GR and SR; 65 for AA-FA-Dance.
- Credits completed toward these minimums must be in courses numbered 100 or above with a grade of “C” or better. These credits must include a minimum of 35 in satisfaction of the requirements of the Arizona General Education Curriculum (AGEC) along with a maximum of 6 credits towards MCCCD’s Additional Requirements.

General Education Requirements:

- The AGEC requirements include a designated number of courses approved for each of the following areas:
 - Core
 - First Year Composition [FYC],
 - Mathematical Applications [MA], Computer/Statistics/Quantitative Applications [CS] (not required for Associate in Science),
 - Literacy and Critical Inquiry [L],
 - Humanities, Arts and Design [HU],
 - Social-Behavioral Sciences [SB], and
 - Natural Sciences (Science Quantitative [SQ], Science-General [SG]).
 - Awareness Areas
 - Cultural [C]
 - Global [G] or Historical [H]
- MCCCD’s Additional Requirements are as follows:
 - Oral Communication
 - Critical Reading

Note that there are three different AGECS each aligning with a different subset of Associate Degrees (AGEC-A for all Associate in Arts degrees, AGEC-B for all Associate in Business degrees, and AGEC-S for the Associate in Science degree). For some types of AGECS/Associate degrees, students are allowed to choose from a broad list of courses; for others the courses are more restricted or even specified. Checksheets for each of type of Associate degree indicate these details, the number of credits required in each area, and any exceptions. Refer to: <https://asa.maricopa.edu/departments/center-for-curriculum-transfer-articulation/curriculum/degrees-certificates/associate-degrees/academic-degree-checklists-aa-as-abus-ags>.

- A single course can simultaneously count toward a Core Area, one or more Awareness Areas, MCCCD Additional Requirements and, for some degree types, other lower division courses used to meet the degree requirements. For example, CRE101 may be used to satisfy both the MCCCD Reading Requirement and the Literacy and Critical Inquiry area [L] of AGEC core. While multiple requirements can be met with a single course, the credits are only counted one time toward the required minimum for the degree.
- Except for the Associate in Science degree, a single course cannot be used to satisfy more than one AGEC Core Area.
- The General Education Requirements for these degrees may be completed in as few as 35 credits provided that courses selected for the Awareness Areas and MCCCD’s Additional Requirements can also be counted toward Core Areas. Optimizing credits in this way is often recommended because some programs and universities limit transferable credits at 64.

General Electives and Other Coursework beyond General Education:

- For some degree types, the additional coursework required to complete the degree is specified while others offer the student more latitude. See degree checksheets for more complete description. Consultation with an academic advisor about course selection is always recommended.
- Note that some majors require up to a 4th semester proficiency (202-course level) in a non-English language.
- Maricopa courses and external courses evaluated as Maricopa equivalents, departmental electives, (e.g., HISELC for a history elective), or general electives (GENELC) that are numbered 100 level or higher, and completed with a grade of "C" or higher, may be

applied in the elective area, regardless of potential transferability to other institutions. It is recommended, however, that students planning to transfer to a baccalaureate-granting institution meet these general elective requirements with courses that are transferable and applicable to their intended university degree. Transfer and major guides are accessible on the following websites: aztransfer.com, maricopa.edu/transfer/partners, as well as those of individual universities. For appropriate course selection, students should consult with an advisor.

- Any course cross-referenced under another prefix(es) (for example ENH291/EDU291/STO291-Children’s Literature) covers identical content and its credits can only be counted once toward requirements.

Transfer Credit from Institutions Outside of MCCCCD:

- Credits transferred from outside of MCCCCD must be at a grade of “C” (2.0 on a 4.0 scale) or better.
- External courses evaluated either as equivalent to an MCCCCD course or as elective credit may be applied toward the minimum credits for degree completion.
- Transfer credit graded pass/fail or pass/no credit may be used to satisfy AGEC requirements if documentation collected by the community college indicates that this was the only grading option available and that the Pass grade (“P”) is equivalent to a “C” or better.
- The AGEC (Arizona General Education Curriculum) designations of courses completed at other Arizona public colleges or universities will be applied as listed on AZTransfer's Course Equivalency Guide (CEG) for the semester(s) in which the course(s) were completed. If a transcript evaluation determines there is no MCCCCD direct equivalency to a course from another Arizona public college or university, applicability to AGEC and/or associate degree requirements will be based on the source institution's AGEC designation for the semester in which the course was completed.
- Courses from private, out-of-state, and/or online institutions (i.e., outside of the Arizona Transfer System comprised of Arizona's public community colleges, tribal colleges and universities) will be applied toward AGEC and/or associate degree requirements based on the courses’ evaluated MCCCCD equivalence. If courses are not directly equivalent, the credit may be articulated as a departmental elective, and if deemed appropriate, may have a general education designation applied to the course.
- Credit awarded at a Maricopa Community College for prior learning is transferable to the other colleges in the district but is not necessarily transferable to other colleges and universities. No more than 20 such assessed semester credit hours may be applied toward AGEC, and no more than 30 credits (including up to 20 toward AGEC) may be applied toward a degree.

Completion and Transfer:

- Completion of the AGEC with a minimum Grade Point Average of at least 2.0 on a 4.0 scale for Arizona residents and 2.50 for non-residents meets Arizona public university general admission requirements. It does not ensure admission to specific university majors or programs with selective admission processes and/or limited enrollment.
- While MCCCCD’s Associate degrees are designed to facilitate a seamless transfer to other Arizona institutions, courses may be transferable and/or meet associate degree requirements, but may not necessarily meet the specific requirements of a particular degree, major, or area of emphasis at another institution.

Students planning to transfer to another college or university are urged to refer to university requirements and academic advisors from both institutions to be certain that all their selected coursework is applicable to the requirements of their intended transfer degree and within their allowed transferable credit limit. For some majors, the statewide Common Course matrix, AZTransfer Major Guides and/or university transfer guides can also provide some guidance. For appropriate course selection, students should consult with an academic advisor.

Special Academic Policies that Govern the Associate in Science Degree

- The AGEC-S does not require a course with [CS] Computer/Statistics designation.
 - Unlike the AGEC-A and AGEC-B, the same course is allowed to satisfy the ([L] and [HU]) or ([L] and [SB]) areas of the AGEC-S’s Core Area. The credits for such a “shared” course are only counted one time toward the required minimum for the degree.
-

Students: To check your progress toward a degree, go to my.maricopa.edu. Log into your Student Center and select “Degree Progress Report” in the drop-down menu under test scores. Your degree program must be properly declared to ensure accuracy of the report. See an academic advisor if you need assistance.