2023-2024 CATALOG
and
STUDENT HANDBOOK
ADDENDUM

Prepared and presented by the
Instructional Support Services Office
Revised October 19, 2023; June 25, 2024

phoenixcollege.edu

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Administrative Regulation Amendment

The following Administrative Regulation was amended by the District Catalog Common Pages Committee and announced on October 19, 2023:

2.3.6 Withdrawal

The Office of Admissions and Records/Office of Student Enrollment Services provides information about the withdrawal process. To withdraw from a course or courses from the college, students must follow approved procedures as outlined below. The official date of withdrawal is the date the withdrawal is received in the Admissions and Records Office/Office of Student Enrollment Services. Withdrawal from a course (or courses) does not automatically qualify for a refund of tuition and fees. Tuition and fee refunds will be calculated based on 2.2.10 Refund Policy or reviewed under the refund appeal process. Never attending is not an allowable refund exception or an excuse of the debt incurred through registration.

TYPES OF WITHDRAWALS

STUDENT WITHDRAWAL: Is a change in the student's course schedule where one or more courses are withdrawn before the end of the term.

FACULTY WITHDRAWAL: Occurs when a faculty member withdraws a student.

COMPASSIONATE WITHDRAWAL: Is considered when a sudden emergency or severe change in personal circumstances, result in an inability to continue/complete courses. The student provides a written statement of their situation and any documentation to support this request if applicable (e.g. death certificate, accident report, etc.).

MEDICAL WITHDRAWAL: Is considered when there is an unexpected serious illness or injury that prevents the student from continuing with their course or courses. The medical withdrawal policy covers physical health and mental health difficulties.

All applications for compassionate and medical withdrawal that are submitted by the student, or on their behalf, require thorough and credible documentation. An approved medical/compassionate withdrawal request will result in a special note line indicating the nature of the withdrawal on the student's official transcript. Medical and compassionate withdrawal applications and supporting documents are retained for at least five years and filed securely. If a request for refund has also been made, further assessment is done to determine eligibility.

LEAVE OF ABSENCE: Assists and encourages students to return and graduate after an absence due to military deployment, service on an official church mission, or with a foreign aid service of the federal government. If your absence is due to this or any other reason, you may be eligible to return to a Maricopa College through a quick re-entry process, which permits students to enroll without submitting a new application if they previously attended a Maricopa College. If the leave of absence is due to military commitments, students should also reference Administrative Regulation 2.2.3(3).

WITHDRAWAL OF FINANCIAL AID STUDENTS

Withdrawing can have implications for certificate or degree completion, future registration, financial aid eligibility, and return of financial aid funds. In accordance with federal regulations (34CFR 668.22), a student may be required to repay federal financial aid funds if they completely withdraw or are withdrawn, or fail to earn a passing grade from all courses during a semester. This could affect a student's ability to receive financial aid in the future at Maricopa or any school.

Prior to submitting a request for any withdrawal or leave of absence, students are encouraged to meet with a college advisor about the potential impact related to the student's academic progress. Students using financial aid, VA education benefits, or active-duty tuition assistance should contact their Financial Aid and Veterans Services offices to review possible impacts to their funding.

Withdrawal Procedures

Withdrawal from Specific Courses

A student may officially withdraw from specific courses in the following ways:

- The prescribed time limits are for full semester courses. Time limits for courses which meet fewer than sixteen (16) weeks are adjusted accordingly. See Important Deadlines for Students. Failure to file an official withdrawal form may result in failing grades and responsibility for course tuition and fees. Tuition and fee refunds will be processed based on the 2.2.10 Refund Policy.
- Through the 7th week*, a student may initiate an official withdrawal from any course by completing the withdrawal process online using the student self-service system or by submitting a course withdrawal form to the Admissions and Records Office/Office of Student Enrollment Services in accordance with the published deadlines. A grade of W (withdrawn, passing - not computed in the grade point average) will be assigned.
- After the 7th week, a student must initiate a withdrawal request with the faculty member. If, after consultation with the student, the faculty member approves the request, a grade of W (withdrawn, passing - not computed in the grade point average) or Y (withdrawn, failing - computed in the grade point average as a failing grade) will be assigned. If the request is not approved, the student will remain in the course.

A student has the right to appeal a withdrawal decision according to the approved procedures. Steps outlining the process are available in Appendix S-6.

Complete Withdrawal from College
Students electing to withdraw from the college must contact the Admissions and Records Office/Office of Enrollment Services no later than two weeks* before the end of the last class meeting and may be required to file a written request.

A grade of W will be assigned in all courses for students who withdraw by the end of the 7th week* of classes. Withdrawals completed after this time will result in a grade of W (withdrawn, passing – not computed in the grade point average) or Y (withdrawn, failing – computed in the GPA as a failing grade).

*The prescribed time limits are for full semester classes. Time limits for classes which meet fewer than sixteen (16) weeks are adjusted accordingly. See Important Deadlines for Students. Failure to file an official withdrawal form may result in failing grades and responsibility for course tuition and fees. Refunds will only be processed within the refund period.

Faculty Withdrawal Procedures
A faculty member has the option of withdrawing a student who has accumulated unofficial absences in excess of the number of times indicated in that faculty member's attendance policy in the course syllabus (see AR 2.3.2). A grade of W (withdrawn passing - not computed in GPA) or a grade of Y (withdrawn failing - 0 grade points per credit hour) may be assigned in accordance with the course syllabus.

Faculty members electing to withdraw students must record the withdrawal through the online system, including last date of attendance and withdrawal code. Students withdrawn for excessive absences may be reinstated only with the approval of the faculty member. Any impact on attendance that is protected by the exercise of students' rights under ADA/504, Title IX, Title VI, or other recognized law or policy do not count as unexcused absences for the purposes of instructor-initiated withdrawals for lack of attendance/participation. Requests for withdrawals should be referred directly to the college of enrollment.

Also See: 2.2.10 Refund Policy

TECHNICAL CHANGE thorough Direct Approval by the Chancellor, September 28, 2023
TECHNICAL CHANGE, September 25, 2023
TECHNICAL CHANGE, July 11, 2023
AMENDED through the Administrative Regulation Process, June 12, 2023
AMENDED through the Administrative Regulation Process, May 20, 2014

Maricopa County Community College District (MCCCD
2023-2024 Associate in Arts (AA) Degree

Description
The Maricopa County Community College District Associate in Arts (AA) degree requires a minimum of 60 semester credits for the program of study; minimum total credits vary by specific emphasis (for example, Associate in Arts, Emphasis in Psychology). Refer to curriculum.maricopa.edu (click on Current Programs) to search for the corresponding area of emphasis for credit minimums. A minimum grade point average of 2.0 (4.0 scale) and grades of "C" or better are required in all courses to earn the degree. The AA degree is governed by the MCCCD General Academic Policies for Degrees Designed for University Transfer.

The Associate in Arts degree includes the following components:

I. Program Prerequisites (as specified by emphasis area)
II. Required Courses
III. Restricted Electives (as specified by area of emphasis)
IV. Arizona General Education Curriculum for Arts (AGEC-A)
V. MCCCD Additional Requirements (Oral Communication and Critical Reading)
VI. General Electives (if needed to reach minimum credits for degree)

Purpose of the Degree
The Associate in Arts (AA) 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 in the Liberal Arts or programs of study other than business or science. 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.

In most cases, courses used to satisfy the MCCCD Associate in Arts (AA) will apply to general university graduation requirements of the majors that align with the AA degree; however, students need to be aware of any specific requirements of their intended major at the university to be sure they select courses that will meet them. Information regarding the articulation of the AA with majors at the Arizona public universities can be accessed via the following website: aztransfer.com/tools

Degree Requirements
The requirements for the Associate in Arts (AA) follow. The AA degree requires at least 60 credits; however, minimum credits for the AA vary for a specific area of emphasis. Refer to curriculum.maricopa.edu and click on Current Programs to search for the corresponding area of emphasis and credit minimums; review course sequence at maricopa.edu/degrees-certificates#programs. The following websites identify the courses that apply to the different General Education Core and Awareness Areas: AGEC-A and the AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec.

Requirements	***Credits***
I. Program Prerequisites Program prerequisites for the AA degree vary by specific emphasis, and are neither required for all emphases nor for the AA degree without a specific emphasis Refer to curriculum.maricopa.edu (click on Current Programs) to search for the corresponding area of emphasis and credit minimums.	**Number varies**
II. Required Courses Students must complete FYE 101 (1) or FYE 103 (3) and select the required courses for the specific AA degree emphasis. Refer to curriculum.maricopa.edu (click on Current Programs) to search for the corresponding area of emphasis for specific courses required and credit minimums.	**Number varies**

III. Restricted Electives..... Number varies

Restricted electives for the AA degree vary by specific emphasis and are not required for the general AA degree without a specific emphasis. Refer to curriculum.maricopa.edu (click on Current Programs) to search for the corresponding area of emphasis for specific courses required and credit minimums.

IV. Arizona General Education Curriculum--Arts (AGEC-A)..... up to 44

The AGEC-A requires a minimum of 35 credits (32 if FYC is met by single transfer course)*. Courses applied to meet AGEC-A requirements vary by emphasis. Refer to curriculum.maricopa.edu (click on Current Programs) to search for the corresponding area of emphasis and credit minimums.

Any prerequisite/required/restricted elective courses that also have one or more AGEC designation(s) may be applied toward both requirements. Credits for such shared courses are only counted once toward the total credits for the degree.

AGEC designations are subject to change. See AGEC matrix at https://aztransmac2.asu.edu/cgi-bin/WebObjects/agec for each course's value(s) in the semester it is taken. Some of the courses have been approved for more than one designation. Notes below will show how such courses may be used to meet multiple degree requirements.

A.	First-Year Composition [FYC].....	6*
	ENG101 OR ENG107.....	(3)*
	AND ENG102 OR ENG108.....	(3)*
B.	Literacy and Critical Inquiry [L].....	3
C.	Mathematical Applications [MA].....	3-6
	Requires a course in college mathematics (MAT140, MAT141, MAT142, MAT145, MAT146) or college algebra (MAT150, MAT151, MAT152, MAT155, MAT156) or precalculus (MAT187, MAT188) or higher [MA]-approved general education course	
D.	Computer/Statistics/Quantitative Applications [CS].....	3
E.	Humanities, Arts and Design [HU].....	6
	Students are encouraged to choose course work from more than one discipline.	
F.	Social-Behavioral Sciences [SB].....	6
	Students are encouraged to choose course work from more than one discipline.	
G.	Natural Sciences [SQ/SG].....	8
	The lecture courses selected for Natural Sciences must include or be accompanied by the corresponding laboratory courses for a total of four (4) credits each. Credits for lecture and lab components may be combined or each may carry separate credits. At least four (4) credits must be designated as SQ-Science Quantitative. Eight (8) credits of SG-Science General will not satisfy this requirement.	
H.	Awareness Areas.....	
	The same course(s) may be used to satisfy one or more Awareness Area(s) as well as other AGEC requirements. (See AGEC matrix at https://aztransmac2.asu.edu/cgi-bin/WebObjects/agec for current course values). Credits for such shared courses may only be counted once.	0-6 (0-3)
	1. Cultural Diversity in the United States [C].....	(0-3)
	2. Global Awareness [G] OR Historical Awareness [H]..... May be met by [HU] and/or [SB] course depending on specific course(s) selected. (AGEC designations are subject to change. See AGEC matrix at https://aztransmac2.asu.edu/cgi-bin/WebObjects/agec for each course's value(s) in the semester it is taken.)	

V. MCCCD Additional Requirements..... 0-6

As noted below, courses in this area may also be applied toward AGEC-A requirements.

A. Oral Communication ..... (0-3)
COM100 [SB] Introduction to Human Communication OR
COM110 [SB] Interpersonal Communication OR
COM225 [L] Public Speaking OR
COM230 [SB] Small Group Communication (3 credits)

B. Critical Reading..... (0-3)
CRE101 [L] Critical Reading OR equivalent as indicated by assessment

VI. General Electives..... 0-28

Select courses 100-level or higher if needed to complete a minimum of 60 semester credits but no more than a total of 64 semester credits, which is the maximum number of credits accepted toward most degree programs at Arizona's public universities. Ideally, students should select courses that meet requirements for their major/area of interest and transfer institution. See General Associate Degree Academic Policies for further details, limitations, and guidelines. MCCCD has established recommended courses and sequencing to align with various "Emphasis Areas" in one of nine different "Fields of Interest." See maricopa.edu/degrees-certificates for links to these transfer pathways.

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/tools, maricopa.edu/degrees-certificates/transfer/pathways-partners, as well as those of individual universities. For appropriate course selection, students should consult with an academic advisor.

TOTAL..... 60-64**

*FYC may be met with fewer than 6 credits if student has transfer credit from ASU, NAU or UAZ for a single course that meets FYC in full.

**64 semester credits is the maximum accepted toward most degree programs at Arizona's public universities. Some exceptions apply; consult with an academic advisor for additional transfer information

Maricopa County Community College District (MCCCD)
2023-2024 Associate in Arts, Elementary Education (AA-EE) Degree

Description

The Maricopa County Community College District Associate in Arts, Elementary Education (AAEE) degree requires a minimum of 60 semester credits for the program of study. A minimum grade point average of 2.0 (4.0 scale) and grades of "C" or better in all courses are required to earn the degree. The AAEE degree is governed by the MCCCD General Academic Policies for Transfer Degrees. Refer to curriculum.maricopa.edu (click on Current Programs) to search for the corresponding 8101 AAEE. A minimum grade point average of 2.0 (4.0 scale) and grades of "C" or better are required in all courses to earn the degree. The AA degree is governed by the MCCCD General Academic Policies for Degrees Designed for University Transfer.

The Associate in Arts, Elementary Education degree includes the following components:

I. Required Courses
II. Restricted Electives
III. Arizona General Education Curriculum for Arts (AGEC-A)
IV. MCCCD Additional Requirements (Oral Communication and Critical Reading)

Purpose of the Degree
The Associate in Arts, Elementary Education (AAEE) degree is designed for the student who plans to transfer to an Elementary Education, Early Childhood, Multicultural/Multilingual, or Special Education program at an Arizona public higher education institution and/or who plans to become a classroom instructional aide. Generally, the degree transfers as a block without loss of credit to Arizona's public universities, and in most cases, its required courses apply to graduation requirements for these Education majors. The AAEE is also embedded within the Bachelor of Arts, Elementary Education and Special Education (BAEE/SPED) offered by the Maricopa Community Colleges.

Degree Requirements
The requirements for the Associate in Arts in Elementary Education follow. The following websites identify the courses that apply to the different General Education Core and Awareness Areas: AGEC and the AGEC matrix report at aztransmac2.asu.edu/cgi-bin/WebObjects/agec. Courses available for both Areas during a current or upcoming semester can also be found using the "Find a Class" tool on maricopa.edu and on each MCCCD college's website. Course sequence is available at maricopa.edu/degrees-certificates#programs.

Requirements	**Credits**
I. Required Courses	**14-20**
EDU221 Introduction to Education	(3)
EDU222 Introduction to the Exceptional Learner	(3)
EDU230 Cultural Diversity in Education	(3)
FYE101 or FYE103 Introduction/Exploration To College, Career and Personal Success	(1-3)
MAT256 Investigating Quantity: Number, Operations, and Numeration Systems	(4)
MAT257 Investigating Geometry, Probability, and Statistics	(0-4)
II. Restricted Electives	**8**

A total of eight (8) semester credits is required to satisfy the Arizona Professional Teacher Standards: three (3) credits in an additional Education (EDU) course and five (5) credits in Content Area Electives.

Courses must transfer to all public Arizona universities as elective credit, departmental elective, or equivalent to a university course as indicated in the Arizona Course Equivalency Guide (https://aztransfer.com/tools/) in effect when the course is taken. Courses identified as non-transferable in the Arizona Course Equivalency Guide cannot be used to satisfy this requirement.

Select one (1) additional EDU course (other than EDU221, EDU222, EDU230 or EDU250) ..... (3)
Recommended:
- EDU110 Education in Film
- EDU220 Introduction to Serving English Language Learners (ELL)
- EDU236 Classroom Relationships
- EDU/HUM/STO292 The Art of Storytelling

Choose any combination from the following list of courses and prefixes to total five (5) credits of additional coursework. Course(s) selected must be different from those used to fulfill a requirement of the AGEC-A and/or those used to fulfill Required Courses.

Content Area Electives: Select a total of five (5) credits from the following options ……..... (5)
ARH+++ Any ARH Art Humanities course(s)
ART+++ Any ART Art course(s)
BPC+++ Any BPC Business-Personal Computers course(s)
CFS/ECH176 Child Development
CFS205 Human Development
CIS+++ Any CIS Computer Information Systems course(s)
ECN+++ Any ECN Economics course(s)
EDU+++ Any EDU Education course(s) (except EDU221, EDU222, EDU230, and EDU250)

EED215 Early Learning: Health, Safety, Nutrition and Fitness OR
CFS123 Health and Nutrition in Early Childhood Settings AND
CFS125 Safety in Early Childhood Settings

ENG+++ Any ENG English course(s)
ENH+++ Any ENH English Humanities course(s)
GCU+++ Any GCU Cultural Geography course(s)
GPH+++ Any GPH Physical Geography course(s)
HIS+++ Any HIS History course(s)
MAT+++ Any MAT Mathematics course(s) 140 or higher (except MAT256 and MAT257)
MHL+++ Any MHL Music: History/Literature course(s)
MTC+++ Any MTC Music: Theory/Composition course(s)
POS+++ Any POS Political Science course(s)
THE+++ Any THE Theatre course(s)
THF+++ Any THF Theatre and Film course(s)
THP+++ Any THP Theatre Performance/Production course(s)
Any Foreign Language course(s)
Any Natural Science course(s)

III. Arizona General Education Curriculum--Arts (AGEC-A) 35-44*

The AGEC-A requires a minimum of 35 credits (32 if FYC is met by single transfer course) *;

AGEC designations are subject to change. See AGEC matrix for each course's value(s) in the semester it is taken. Some of the courses have been approved for more than one designation. Notes below will show how such courses may be used to meet multiple degree requirements.

A. First-Year Composition [FYC]..... 6*
ENG101 OR ENG107..... (3) *
AND ENG102 OR ENG108..... (3) *

B. Literacy and Critical Inquiry [L]
COM225 Public Speaking..... 3

C. Mathematical Applications [MA]..... 3-6
Requires a course in college mathematics (MAT140, MAT141, MAT142, MAT145, MAT146) or college algebra (MAT150, MAT151, MAT152, MAT155, MAT156) or precalculus (MAT187, MAT188) or higher approved general education course in the Mathematical Applications [MA] area for which MAT15+ is a prerequisite.
(Note that MAT182, MAT206, MAT256, MAT257 do NOT meet this requirement). 3

D. Computer/Statistics/Quantitative Applications [CS].....
BPC110 Computer Usage and Applications OR
CIS105 Survey of Computer Information Systems OR
EDU/EED115 Digital Literacy for Teaching and Learning in Education
EDU/EED115 recommended.

E. Humanities, Arts and Design [HU]..... 6
Note that some of these courses also have Awareness Areas designations and can be used to satisfy [G] and/or [H] requirement as well as [HU]. (AGEC designations are subject to change. See AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for each course's value(s) in the semester it is taken.)

1) Select one of the following ARH, DAH, MHL or THE courses: ..... (3)
ARH100 Introduction to Art OR
ARH101 Prehistoric through Gothic Art OR
ARH102 Renaissance through Contemporary Art OR
DAH100 Introduction to Dance OR
DAH201 World Dance Studies OR
DAH250 Dance in Popular Culture OR
MHL140 Survey of Music History OR
MHL145 American Jazz and Popular Music OR
MHL146 Survey of Broadway Musicals OR
MHL153 Rock Music and Culture OR
THE111 Introduction to Theatre OR
THE220 Modern Drama

AND

2) Select one of the following EDU, ENH or HUM courses: ..... (3)
EDU/ENH291 Children's Literature (Recommended) OR
ENH110 Introduction to Literature OR
ENH241 American Literature Before 1860 OR
ENH242 American Literature After 1860 OR
HUM250 Ideas and Values in the Humanities: Early Civilizations to the Renaissance OR
HUM251 Ideas and Values in the Humanities: Renaissance to the Contemporary World

F. Social-Behavioral Sciences [SB]..... 6
Note that some of these courses also have Awareness Areas designations and can be used to satisfy [G] and/or [H] requirement as well as [SB]. (AGEC designations are subject to change. See AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for each course's value(s) in the semester it is taken.)
1) Select one of the following US History/Government courses**..... (3)
These courses satisfy the United States Constitution requirement for state teacher certification.
GCU/POS113 United States and Arizona Social Studies OR
HIS103 United States History to 1865 OR
POS110 American National Government

AND

2) Select one of the following CFS, ECH, GCU, ECN, HIS or PSY courses..... (3)
CFS205 Human Development OR
CFS/ECH176 Child Development OR
ECN211 Macroeconomic Principles OR
ECN212 Microeconomic Principles OR
GCU121 World Geography I: Eastern Hemisphere OR
GCU122 World Geography II: Western Hemisphere OR
HIS104 United States History 1865 to Present OR
PSY101 Introduction to Psychology

(CFS/ECH176 recommended)

G. Natural Sciences [SQ/SG] 8
The lecture course(s) selected for Natural Sciences must include or be accompanied by the corresponding laboratory course for a total of four (4) credits each. At least four (4) credits must be designated as [SQ]. Eight (8) credits of [SG] will not satisfy this requirement.
1) Life Sciences: Select four (4) credits of SQ or SG in Biology (BIO)..... (4)
AND
2) Physical Sciences or Earth/Space Sciences: Select four (4) credits of SQ or SG from one of the following prefixes: ..... (4)
AGS, ASM, AST, CHM, GPH, GLG, PHS, or PHY

Note: Students are advised to check with the university they plan to attend as specific requirements for lab sciences may vary.

H. Awareness Areas..... 0-3
1) Cultural Diversity in the United States [C]..... (0)
Met by EDU222 and EDU230 in Required Courses.

2) Global Awareness [G] OR Historical Awareness [H]..... (0-3)
May be met by [HU] and/or [SB] course(s) depending on specific courses

selected. (AGEC designations are subject to change. See AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for each course's value(s) in the semester it is taken.)

IV. MCCCD Additional Requirements	0-3
A. Oral Communication	(0)
Met by COM225 that is required to satisfy AGEC-A Literacy and Critical Inquiry [L]	
B. Critical Reading	
CRE101 [L] Critical Reading OR equivalent as indicated by assessment	(0-3)

TOTAL..... 60-64***

*FYC may be met with fewer than 6 credits if a student has transfer credit from ASU, NAU or UAZ for a single course that meets FYC in full.

**State certification requirements include courses on the constitutions of the U.S. and Arizona. Taking GCU/POS113 for [SB] fulfills this requirement completely. Students who instead take HIS103 or POS110 for [SB] should consider taking POS221 as a Content Area Elective so they have completed study of both constitutions. POS220 meets state certification requirements for both constitutions but does not meet [SB].

***64 semester credits is the maximum accepted toward most degree programs at Arizona's public universities. Some exceptions apply; consult with an academic advisor for additional transfer pathways.

Maricopa County Community College District (MCCCD)
2023-2024 Associate in Arts, Fine Arts (AAFA) Degree

Description

The Maricopa County Community College District Associate in Arts, Fine Arts (AAFA) degree requires a minimum of 60 semester credits for the program of study; however, minimum total credits for the AAFA vary by specific emphasis. Students must select one of the emphasis areas: Art, Dance, Music, Musical Theatre, or Theatre. If an emphasis area is not selected, this program is not eligible for Title IV Federal Financial Aid. Refer to curriculum.maricopa.edu (click on Current Programs) to search for the corresponding area of emphasis for specific courses required and credit minimums for each emphasis. A minimum grade point average of 2.0 (4.0 scale) and grades of "C" or better are required in all courses to earn the degree. The AAFA degree is governed by the MCCCD General Academic Policies for associate degrees designed for university transfer.

The Associate in Arts, Fine Arts degree includes the following components:

I. Program Prerequisites (as specified by emphasis area)
II. Required Courses (as specified by area of emphasis)
III. Restricted Electives (as specified by area of emphasis)
IV. Arizona General Education Curriculum for Arts (AGEC-A)
V. MCCCD Additional Requirements (Oral Communication and Critical Reading)
VI. General Electives (if needed to reach minimum credits for degree)

Purpose of the Degree

The Associate in Arts, Fine Arts (AAFA) 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 in the Fine Arts. The degree is designed to prepare students to meet selective admission criteria for programs such as the Bachelor of Fine Arts; program admission may have an additional emphasis-specific portfolio or performance requirements.

In most cases, courses used to satisfy the MCCCD Associate in Arts, Fine Arts (AAFA) will apply to general university graduation requirements of the majors that align with AAFA degree; however, students need to pay attention to any specific requirements of their intended focus at the university to be sure they select courses that will meet them. Information regarding the articulation of the AAFA degree with majors at the Arizona public universities can be accessed via the following website: aztransfer.com/tools

Degree Requirements

The requirements for the Associate in Arts, Fine Arts (AAFA) follow. The Associate in Arts, Fine Arts degree requires at least 60 credits; however, minimum total credits for the AAFA vary by specific emphasis (Art, Dance, Music, Musical Theatre, or Theatre). Refer to curriculum.maricopa.edu (click on Current Programs) to search for the corresponding area of emphasis for specific courses required and credit minimums; review course sequence at maricopa.edu/degrees-certificates. The following websites identify the courses that apply to the different General Education Core and Awareness Areas: AGEC-A and the AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec. Courses available for both Areas during a current or upcoming semester can also be found using the "Find a Class" tool on maricopa.edu and on each MCCCD college's website.

I. Required Courses..... Number varies

Students must complete FYE101 or FYE103 and the required (major-specific) courses listed in the Associate in Arts Fine Arts degree Required Courses area for the specific emphasis (Art, Dance, Music, Musical Theatre, or Theatre). Refer to curriculum.maricopa.edu (click on Current Programs) to search for the corresponding area of emphasis for specific courses required and credit minimums for each emphasis.

II. Restricted Electives..... Number varies

Restricted electives for the Associate in Arts, Fine Arts degree vary by specific emphasis: (Art, Dance, Music, Musical Theatre, or Theatre). Refer to curriculum.maricopa.edu (click on Current Programs) to search for the corresponding area of emphasis for specific courses required and credit minimums for each emphasis.

III. Arizona General Education Curriculum--Arts (AGEC-A) ..... up to 44

The AGEC-A requires a minimum of 35 credits (32 if FYC is met by single transfer course) *. However, depending on courses selected, it may take as many as 44 credits to satisfy all the General Education criteria. Any required/restricted elective courses that also have one or more AGEC designation(s) may be applied toward both requirements. Credits for such shared courses are only counted once toward the total credits for the degree.

AGEC designations are subject to change. See AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for each course's value(s) in the semester it is taken. Some of the courses may have been approved for more than one designation. Notes below will show how such courses may be used to meet multiple degree requirements.

A.	First-Year Composition [FYC].....	6*
	ENG101 OR ENG107.....	(3*)
	AND ENG102 OR ENG108.....	(3*)
B.	Literacy and Critical Inquiry [L].....	3
C.	Mathematical Applications [MA].....	3-6
	Requires a course in college mathematics (MAT140, MAT141, MAT142, MAT145, MAT146) or college algebra (MAT150, MAT151, MAT152, MAT155, MAT156) or higher [MA]-approved general education course.	3
D.	Computer/Statistics/Quantitative Applications [CS].....	6
E.	Humanities, Arts and Design [HU].....	6
F.	Social-Behavioral Sciences [SB].....	
	Students are encouraged to choose course work from more than one discipline.	8
G.	Natural Sciences [SQ/SG]	
	The lecture courses selected for Natural Sciences must include or be accompanied by the corresponding laboratory courses for a total of four credits each. Credits for lecture and lab components may be combined or each may carry separate credit. At least four credits must be designated as SQ-Science	

Quantitative. Eight credits of SG-Science General will not satisfy this requirement.

H. Awareness Areas..... 0-6

The same course(s) may be used to satisfy one or more Awareness Area(s) as well as other AGEC requirements. (See AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for current course values). Credits for such shared courses may only be counted once.

1. Cultural Diversity in the United States [C]..... (0-3)
2. Global Awareness [G] OR Historical Awareness [H]..... (0-3)

May be met by [HU] and/or [SB] course(s) depending on specific courses selected. (AGEC designations are subject to change. See AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for each course's value(s) in the semester it is taken.)

IV. MCCCD Additional Requirements..... 0-6

As noted below, courses in this area may also be applied toward AGEC-A requirements.

A. Oral Communication..... (0-3)

*Refer to emphasis area (*Art, Dance, Music, Musical Theatre, or Theatre*) for specific COM course to select from the following list:*
COM100 [SB] Introduction to Human Communication OR
COM110 [SB] Interpersonal Communication OR
COM225 [L] Public Speaking OR
COM230 [SB] Small Group Communication (3 credits) OR
COM100AA & COM100AB & COM100AC [SB] (3 credits) OR
COM110AA & COM110AB & COM110AC [SB] (3 credits)

B. Critical Reading..... (0-3)

CRE101 [L] Critical Reading OR equivalent as indicated by assessment

V. General Electives..... 0-25

Select courses 100-level or higher if needed to complete a minimum of 60 semester credits but no more than a total of 64 semester credits, which is the maximum number of credits accepted toward most degree programs at Arizona's public universities. Ideally, students should select courses that meet requirements for their major/area of interest and transfer institution. See General Associate Degree Academic Policies for further details, limitations, and guidelines. MCCCD has established recommended courses and sequencing to align with the Fine Arts Emphasis Areas. See maricopa.edu/degrees-certificates for links to these transfer pathways.

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/tools, curriculum.maricopa.edu, as well as those of individual universities. For appropriate course selection, students should consult with an academic advisor.

*FYC may be met with fewer than 6 credits if student has transfer credit from ASU, NAU or UAZ for a single course that meets FYC in full.

**64 semester credits is the maximum accepted toward most degree programs at Arizona's public universities. Some exceptions apply; consult with an academic advisor for additional transfer information.

Maricopa County Community College District (MCCCD)
2023-2024 Associate In Applied Science (AAS) Degree and General Education Requirements

Description
The Associate in Applied Science (AAS) degree requires at least 60 credits in its program of study. The exact number of credits for a specific degree is identified as part of the presentation of its requirements at curriculum.maricopa.edu click on Current Programs or search in the offering college(s)' catalog.

Purpose of the Degree
The Maricopa County Community College District Associate in Applied Science (AAS) degree is recommended for students who wish to gain a depth of technical expertise in a particular workforce-related area of study. The AAS degree options vary at the different MCCCD colleges and can be searched alphabetically (click on Current Programs) or by field of interest. Requirements for each degree can be found on the linked web pages and in the corresponding college(s)'s catalog.

Academic Policies that Govern the AAS degree:

* Degree requires 60 or more credits numbered 100 or above and includes credits or the equivalent in the General Education Core areas and credits in the Distribution areas. AAS degree requirements follow with the use of a diagonal character or comma (/ or ,) between course numbers to signify options. An asterisk (*) following the course number defines requirements with an effective begin term of spring;

* All courses must be completed with a grade of C or higher; any additional requirements such as grades of B or higher or minimum grade point average requirements are listed on individual degrees and certificates

* The graduation policies within the general catalog must be satisfied (Administrative Regulation 2.3.9). First Year Experience is required (FYE 101 or FYE 103).

* Some courses also have equivalent combinations of modular variants; all options are listed and completion of either the course or its modular equivalents will satisfy the AAS requirements.

* Requires completion of General Education courses as indicated in the General Education Requirements for the Associate in Applied Science degree from the Maricopa County Community College District, or completion of a curriculum as stated in the catalog.

* Courses with different credit systems (quarter hours, trimester, units) are converted to semester credit hours. The recovery of a deficiency in a requirement (Prerequisites, Required Courses, Restricted Electives, or General Education) category due to a quarter-hour or other credit system application will be determined by the college.

* Any course that is cross referenced with that of another discipline/subject (for example EDU/ENH291, Children's Literature) covers identical contents. A course under either subject (for example, EDU291 or ENH291) will count only once toward degree requirements.

AAS GENERAL EDUCATION CORE
(12-15 credits)*
Demonstrate college-level skills in the following areas:

First-Year Composition (6 credits)*

ENG English [101/107] & [102/108/111]

Oral Communication (3 credits)

COM Communication 100/100AA & 100AB
& 100AC/110/110AA & 110AB &110AC/225/230

Critical Reading (3 credits)

CRE Critical Reading 101 or Equivalent as indicated by assessment

Mathematics (3 credits)

MAT Mathematics 112,114,115,120,121,122,126, 140,141,142,145,146,150,150&182, 151, MAT151&182,152,152&182,155,155&182,156,156&182,172,187, 188,206,212,213,217,218,220,221,225,227,230,231,240, 241,256,257,276,277, equivalent course/Satisfactory completion of a higher-level mathematics course

AAS GENERAL EDUCATION DISTRIBUTION AREAS
(9-10 credits)
Humanities, Arts and Design (2-3 credits)
AHU Arabic Humanities 245
AIS American Indian Studies 213
AJS Administration of Justice Studies 123
ARH Art Humanities Any ARH Course(s)
ART Art 131
ASB Anthropology 211/214/220/222/223/253
CCS Chicana and Chicano Studies 101
COM Communication 241
CON Construction 101
DAH Dance Humanities 100/201/250/255
EDU Education 230/291/292/294
EED Early Education 225
ENG English 200/213/218
ENH English Humanities Any ENH Course(s)
FMT Film, Media, and Theatre 107
FRE French 265
GST Game Studies 202
HCR Health Care Related 210
HIS History 101/102/103/108/110/111/113/114/203/212/251/252
HON Honors 190
HUM Humanities Any HUM course(s) (except 120, 225)
INT Interior Design 115/120
JPH Japanese Humanities 245
LAT Latin 201/202
MHL Music: History/Literature 140/143/145/146/153/155/194/ 204/241/242/295
PHI Philosophy Any PHI Course(s)
QST Queer Studies 200, 210
REL Religious Studies Any REL Course(s)
SLC Studies in Language & Culture 201/202
SPA Spanish 241/242/265/266
SPH Spanish Humanities 241, 245

SSH Sustainability/Social Sciences and Humanities 111
STO Storytelling 292/294, 295
SWU Social Work 183
TEC Textiles and Clothing 105, 125
THE Theatre 111/220
THF Theatre and Film 205/206/210
THP Theatre Performance/Production 217, 241
WST Women's Studies 209/284/285/290

Social-Behavioral Sciences (3 credits)

AFR African American Studies 202/203/204
AIS American Indian Studies 101/140/141/160
AJS Administration of Justice Studies 101/200/225/258/270
ASB Anthropology 100/102/202/211/222/223/226/230/235/252
ASM Anthropology 104/275
BHS Behavioral Health Services Technology 150, 155, 175, 210
CAP Counseling and Applied Psychology 120
CCS Chicana and Chicano Studies 202
CFS Child/Family Studies 112/157/159/176/205/235/259
COM Communications 100/100AA&100AB&100AC/ 110/110AA&110AB & 110AC/163/230/250/263
CPD Counseling and Personal Development 102AH, 180
ECH Early Childhood Education 176
ECN Economics Any ECN course(s)
EDU Education 221/222
EED Early Education 205/222
EMT Emergency Medical Technology 258
ENG English 213
FOR Forensic Science 275
FSC Fire Science Technology 258
GCU Cultural Geography 102/113/121/122/141/221
HES Health Science 100, 120
HIS History Any HIS course(s) (except 111,170, 173, 251, 252)
HON Honors 201
HUM Humanities 235
IBS International Business 109
IFS Information Studies 201, 210, 213
MCO Mass Communications 120
MGT Management 229/230
PAD Public Administration 200
POS Political Science Any POS course(s)
PSY Psychology 101/123/132/156/157/215/218/225/235/240/241/ 243/250/260/262/266/277/280/292
QST Queer Studies 200, 210
REC Recreation 120
SBU Society and Business 200
SLC Studies in Language & Culture 201
SOC Sociology Any SOC course(s) (except 143, 245, 253, 265)
SSH Sustainability/Social Sciences and Humanities 111
SUS Sustainability/Natural Sciences 110
SWU Social Work 171/182/250/258/295
TEC Textiles and Clothing 105
WST Women's Studies 100/161
YAQ Yaqui Indian History and Culture 100

Natural Sciences (4 credits)

The lecture course(s) selected for Natural Sciences must include or be accompanied by the corresponding laboratory course. The lecture and corresponding laboratory course(s) may carry separate credit. Students should consult with an advisor for appropriate course selection.

AGS Agricultural Science 164, 260
ASB Anthropology (Soc/Behv. Science) 231
ASM Anthropology (Science/Math) 104/265/275
AST Astronomy 101/106/111/112
BIO Biology 100/101/102/105/107/108/109/111/116/145/149AN/156/156XT/ 160/181/181XT/182/182XT/201/201XT/202/205
CHM Chemistry 107&107LL/130&130LL/130AA, *140AA* 150AA/150&151LL/151AA/151&151LL/152AA/ 152&152LL/230AA/230&230LL
CON Construction 106
ENV Environmental Sciences 101
FON Food and Nutrition 241&241LL
FOR Forensic Science 105/106/275
GLG Geology Any combination of GLG course(s) meeting the minimums described above
GPH Physical Geography 111&112/113/211/212&214/ 213&215
PHS Physical Science 110/115/120
PHY Physics 101/101AA/111/111AA/112/115/116/ 121/131
PSY Psychology 275/290AB/290AC

* FYC may be met with fewer than 6 credits if student has transfer credit from ASU, NAU or UAZ for a single course that meets FYC in full.

Maricopa County Community College District (MCCCD)
2023-2024 Associate in Business, General Requirements (ABUS-GR) Degree

Description
The Maricopa County Community College District Associate in Business General Requirements (ABUS-GR) degree requires a minimum of 62 semester credits for the program of study. A minimum grade point average of 2.0 (4.0 scale) and grades of C or better are required in all courses to earn the degree. The Associate in Business-General Requirements degree is governed by the MCCCD General Academic Policies for Transfer Degrees.

This degree provides the first two years of a four-year curriculum for students who wish to transfer to a university and pursue a bachelor's degree in business. For a comprehensive list of bachelor's degrees at Arizona's public universities, refer to the AZTransfer Business Matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/ATASS.woa/wa/ViewMatrixReport?Code=BUS. With a bachelor's degree, students may pursue a number of careers, including but not limited to accountancy, business administration, business data analytics, economics, entrepreneurship, finance, marketing, management, retail management, and supply chain management.

The Associate in Business-General Requirements degree includes the following components:

I. Required Courses
II. Restricted Electives
III. Arizona General Education Curriculum for Business (AGEC-B)
IV. General Electives (if needed to reach minimum credits for degree)

Purpose of the Degree
The Associate in Business General Requirements (ABUS-GR) degree is designed for students who plan to transfer to four-year colleges and universities. In general, the components of this degree meet requirements for the various business majors (except Computer Information Systems) at Arizona's public universities. Computer Information Systems majors should follow the Associate in Business Special Requirements (ABUS-SR) pathway instead. Generally, the ABUS-GR degree transfers as a block without loss of credit to Arizona's public universities and other

institutions with district-wide articulation agreements. It does not, however, guarantee acceptance into particular university majors/programs with a limited number of students. Students should consult with their transfer institution for any specific admission requirements (e.g., GPA, letters of reference, work experience).

Special Academic Policies that Govern the ABUS-GR Degree

- The ABUS-GR does not include any MCCCD Special Requirements for Oral Communication and/or Critical Reading like the other associate degrees. (However, some university programs have a speech requirement; consult your academic advisor or transfer guide to verify the specifics for your program.)

Degree Requirements

The courses required for the Associate in Business General Requirements follow. The following websites identify the courses that apply to the different General Education Areas: AGEC-B and the AGEC Matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec. Courses available for both Areas during a current or upcoming semester can also be found using the "Find A Class" tool on maricopa.edu or on each MCCCD college's website.

Requirements	***Credits***
I. Required Courses	**22-28**
Accounting	(6-9)
ACC111 Accounting Principles AND ACC230 Uses of Accounting Information I AND ACC240 Uses of Accounting Information II OR ACC211 Financial Accounting AND ACC212 Managerial Accounting OR ACC111 Accounting Principles I AND ACC112 Accounting Principles II AND ACC212 Managerial Accounting	
Some of the following courses can be used to satisfy both this requirement and an AGEC-B requirement. AGEC designations are subject to change. See AGEC matrix for each course's value(s) in the semester it is taken.	
ECN211 [SB] Macroeconomic Principles	(3)
ECN212 [SB] Microeconomic Principles	(3)
FYE101 OR FYE103 Introduction To College, Career And Personal Success	(1-3)
GBS205 Legal, Ethical, and Regulatory Issues in Business	(3)
GBS221 Business Statistics	(3)
Quantitative Methods GBS220 Quantitative Methods in Business OR MAT217 or MAT218 Mathematical Analysis for Business	(3-4)
Note: Students planning to transfer to ASU's W.P. Carey School of Business BS program should take MAT217 or MAT218. Students planning to transfer to ASU's W.P. Carey School of Business BA program may take GBS220, MAT217, or MAT218. Students planning to transfer to the University of Arizona should take GBS220.	
II. Restricted Electives	**0-6**
Complete six (6) credits from the following options. Some courses may be used to satisfy both Restricted Elective and Arizona General Education Curriculum (AGEC) requirements simultaneously. AGEC designations are subject to change. See AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for each course's value(s) in the semester it is taken.	

CIS114DE	Excel Spreadsheet	(3)
CIS133DA	Internet/Web Development Level I	(3)
CIS162AD	C#: Level I	(3)
GBS110	Human Relations in Business and Industry OR	
MGT251	Human Relations in Business	(3)
GBS151	Introduction to Business (Recommended)	(3)
GBS220	Quantitative Methods in Business	(3)
GBS233	Business Communication	(3)
IBS101	Introduction to International Business	(3)
MGT253	Owning and Operating a Small Business	(3)
MKT271	Principles of Marketing	(3)
PAD100	21st Century Public Policy and Service	(3)
REA179	Real Estate Principles I	(3)
REA180	Real Estate Principles II	(3)
REA201	Real Estate Principles I and II	(6)
SBU200	Society and Business	(3)

III. Arizona General Education Curriculum- Business (AGEC-B)..... 29-37*

The AGEC-B requires a minimum of 35 credits (32 if FYC is met by a single transfer course).* Any Required and Restricted elective course(s) that also have one or more AGEC designation(s) may be used to meet AGEC-B requirements. Credits for such shared courses only count once toward the total for the degree.

Some courses may be met by Required Courses or Restricted electives. Some of these courses also have Awareness Areas designations and can be used to satisfy [C], [G] and/or [H] requirement(s) as well as other AGEC requirements, Required Course(s), or Restricted Elective(s). Courses may meet more than one requirement but are only counted once toward the total credits for the degree. AGEC designations are subject to change. See AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for each course's value(s) in the semester it is taken.

A.	First-Year Composition [FYC]	6*
	ENG101 OR ENG107 AND	(3)*
	ENG102 OR ENG108	(3)*
B.	Literacy and Critical Inquiry [L]	(0-3)
	May Be Met By GBS 233 in the Restricted Electives Area.	
C.	Mathematical Applications [MA]	(3-5)
	MAT212 Brief Calculus OR	(3)
	MAT213 Brief Calculus OR	(4)
	Higher General Education Courses in the Mathematical Applications [MA] Area	(3-5)
D.	Computer/Statistics/Quantitative Applications [CS]	3
	CIS105 Survey of Computer Information Systems	
E.	Humanities, Arts and Design [HU]	6
	Students are encouraged to choose course work from more than one discipline.	
F.	Social-Behavioral Sciences [SB]	0
	Met by ECN211 AND ECN212 in Required Courses	
G.	Natural Sciences [SQ/SG]	8
	The lecture courses selected for Natural Sciences must include or be accompanied by the corresponding laboratory courses for a total of four (4) credits each. Credits for lecture and lab components may be combined or each may carry separate credit. At least four (4) credits must be designated as SQ-Science Quantitative. Eight (8) credits of SG-Science General will not satisfy this requirement.	
H.	Awareness Areas	0-6
	The same course(s) may be used to satisfy one or more Awareness Area(s)	

as well as other AGEC requirements. (See AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for current course values). Credits for such shared courses may only be counted once.

1. Cultural Diversity in the United States [C]..... (0-3)
2. Global Awareness [G] OR Historical Awareness [H]..... (0-3)

Students transferring to ASU to major in business should complete courses from the following list (up to the 64-credit transfer maximum) to meet W.P. Carey School of Business requirements. If students do not take these prior to transfer, they may need to take additional credits to meet ASU graduation requirements:

- Any course that transfers to ASU in the SOC prefix and carries the [SB] designation
- Any course that transfers to ASU in the PSY prefix and carries the [SB] designation
- One of the following courses in Oral Communication (COM)
  COM100 Introduction to Human Communication (3) OR
  COM225 Public Speaking (3) OR
  COM230 Small Group Communication (3) OR
  COM259 Communication in Business and Professions (3)
  Note: COM requirements vary by business major. Check ASU's MyPath2ASU or major map for acceptable options.

IV. General Electives

Select courses 100-level or higher if needed to complete a minimum of 62 semester credits but no more than a total of 64 semester credits, which is the maximum number of credits accepted toward most degree programs at Arizona's public universities. Ideally, students should select courses that meet requirements for their major/area of interest and transfer institution. See General Associate Degree Academic Policies for further details, limitations, and guidelines. MCCCD has established recommended courses and sequencing for the various associate's degrees. See maricopa.edu/degrees-certificates/business-entrepreneurialism-management/associate-business-general-requirements-8900-abus-gr for ABUS-GR course sequence.

Maricopa courses and external courses evaluated as Maricopa equivalents, departmental electives (e.g., HIS ELC for a history elective), or general electives (GEN ELC) that are numbered 100 level or higher, and completed with a grade of "C" or better, 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 advisement information is accessible on the following websites: aztransfer.com/tools, curriculum.maricopa.edu, as well as those of individual universities. For appropriate course selection, students should consult with an academic advisor.

TOTAL..... 62**

*FYC may be met with fewer than 6 credits if student has transfer credit from ASU, NAU or UAZ for a single course that meets FYC in full.

**64 semester credits is the maximum accepted toward most degree programs at Arizona's public universities. Some exceptions apply; consult with an academic advisor for additional transfer information.

Maricopa County Community College District (MCCCD)
2023-2024 Associate in Business, Special Requirements (ABUS-SR) Degree

Description
The Maricopa County Community College District Associate in Business, Special Requirements (ABUS-SR) degree requires a minimum of 62 semester credits for the program of study. A minimum grade point average of 2.0 (4.0 scale) and grades of "C" or better are required in all courses to earn the degree. The Associate in Business-Special Requirements degree is governed by the MCCCD General Academic Policies for Transfer Degrees.

This degree provides the first two years of a four-year curriculum for students who wish to pursue Computer Information Systems majors at Arizona's public universities. With a bachelor's degree, students may pursue a number of careers, including but not limited to accountancy, business administration, business data analytics, computer information systems, economics, entrepreneurship, finance, marketing, management, retail management, and supply chain management.

The Associate in Business-Special Requirements degree includes the following components:

I. Required Courses
II. Arizona General Education Curriculum for Business (AGEC-B)
III. General Electives (if needed to reach minimum credits for degree)

Purpose of the Degree
The Associate in Business Special Requirements (ABUS-SR) degree is designed for students who plan to transfer to four-year colleges and universities. In general, the components of this degree meet requirements for Computer Information Systems majors at Arizona's public universities. Other Business majors should follow the Associate in Business General Requirements (ABUS-GR) pathway instead. Generally, the ABUS-SR degree transfers as a block without loss of credit to Arizona's public universities and other institutions with district-wide articulation agreements. It does not, however, guarantee acceptance into particular university majors/programs with a limited number of students. Students should consult with their transfer institution for any specific admission requirements (e.g., GPA, letters of reference, work experience).

Special Academic Policies that Govern the ABUS-SR Degree

- The ABUS-SR does not include any MCCCD Special Requirements for Oral Communication and/or Critical Reading like the other associate degrees. (However, some university programs have a speech requirement; consult your academic advisor or transfer guide to verify the specifics for your program.)

Degree Requirements
The courses required for the Associate in Business Special Requirements follow. The following websites identify the courses that apply to the different General Education Core and Awareness Areas:
AGEC-B and the AGEC Matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec. Courses available for both Areas during a current or upcoming semester can also be found using the Find A Class tool on maricopa.edu or on each MCCCD college's website.

Requirements	*Credits*
I. Required Courses	**28-34**
Accounting	(6-9)
ACC111 Accounting Principles AND ACC230 Uses of Accounting Information I AND ACC240 Uses of Accounting Information II OR ACC211 Financial Accounting AND ACC212 Managerial Accounting OR ACC111 Accounting Principles I AND ACC112 Accounting Principles II AND ACC212 Managerial Accounting	
Some of the following courses can be used to satisfy both this requirement and an AGEC-B requirement. AGEC designations are subject to change. See AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for each course's value(s) in the semester it is taken.	
ECN211 [SB] Macroeconomic Principles	(3)
ECN212 [SB] Microeconomic Principles	(3)
FYE101 OR FYE103 Introduction To College, Career And Personal Success	(1-3)
GBS205 Legal, Ethical, and Regulatory Issues in Business	(3)
GBS221 Business Statistics	(3)
CIS162AD C#: Level 1	(3)
CIS250 Management of Information Systems	(3)
Quantitative Methods	(3-4)
GBS220 Quantitative Methods in Business OR MAT217 or MAT218 Mathematical Analysis for Business	
Note: Students planning to transfer to ASU's W.P. Carey School of Business BS program should take MAT217 or MAT218. Students planning to transfer to ASU's W.P. Carey School of Business BA program may take GBS220, MAT217, or MAT218. Students planning to transfer to the University of Arizona should take GBS220.	
II. Arizona General Education Curriculum- Business (AGEC-B)	**29-37***
The AGEC-B requires a minimum of 35 credits (32 if FYC is met by single transfer course)* Any Required and Restricted elective course(s) that also have one or more AGEC designation(s) may be used to meet AGEC-B requirements. Credits for such shared courses only count once toward the total for the degree.	
Some courses may be met by Required Courses or Restricted electives. Some of these courses also have Awareness Areas designations and can be used to satisfy [C], [G] and/or [H] requirement(s) as well as other AGEC requirements or Required Course(s). Courses may meet more than one requirement but are only counted once toward the total credits for the degree. AGEC designations are subject to change. See AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for each course's value(s) in the semester it is taken.	
A. First-Year Composition [FYC]	6*
ENG101 OR ENG107 AND	(3)*
ENG102 OR ENG108	(3)*
B. Literacy and Critical Inquiry [L]	3
C. Mathematical Applications [MA]	3-5
MAT212 Brief Calculus OR	(3)
MAT213 Brief Calculus OR	(4)
Higher General Education Courses in the Mathematical Applications [MA] Area	(3-5)

D. Computer/Statistics/Quantitative Applications [CS]..... 3
CIS105 Survey of Computer Information Systems

E. Humanities, Arts and Design [HU]..... 6
Students are encouraged to choose course work from more than one discipline.

F. Social-Behavioral Sciences [SB]..... 0
Met by ECN211 AND ECN212 in Required Courses

G. Natural Sciences [SQ/SG]..... 8
The lecture courses selected for Natural Sciences must include or be accompanied by the corresponding laboratory courses for a total of four (4) credits each. Credits for lecture and lab components may be combined or each may carry separate credit. At least four (4) credits must be designated as SQ-Science Quantitative. Eight (8) credits of SG-Science General will not satisfy this requirement.

H. Awareness Areas..... 0-6
The same course(s) may be used to satisfy one or more Awareness Area(s) as well as other AGEC requirements. (See AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for current course values). Credits for such shared courses may only be counted once

1. Cultural Diversity in the United States [C]..... (0-3)
2. Global Awareness [G] OR Historical Awareness [H]..... (0-3)

Students transferring to ASU to major in business should complete courses from the following list (up to the 64-credit transfer maximum) to meet W.P. Carey School of Business requirements. If students do not take these prior to transfer, they may need to take additional credits to meet ASU graduation requirements:

- Any course that transfers to ASU in the SOC prefix and carries the [SB] designation
- Any course that transfers to ASU in the PSY prefix and carries the [SB] designation
- One of the following courses in Oral Communication (COM)
  COM100 Introduction to Human Communication (3) OR
  COM225 Public Speaking (3) OR
  COM230 Small Group Communication (3) OR
  COM259 Communication in Business and Professions (3)
  Note: COM requirements vary by business major. Check ASU's MyPath2ASU or major map for acceptable options.

III. General Electives

Select courses 100-level or higher if needed to complete a minimum of 62 semester credits b no more than a total of 64 semester credits, which is the maximum number of credits accepte toward most degree programs at Arizona's public universities. Ideally, students should selec courses that meet requirements for their major/area of interest and transfer institution. See General Associate Degree Academic Policies for further details, limitations, and guidelines. MCCCD has established recommended courses and sequencing for the various associate's degrees. See maricopa.edu/degrees-certificates/business-entrepreneurialism-management/associate-business-special-requirements-8800-abus-sr for ABUS-SR course sequence.

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 better, 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 advisement information is accessible on the following websites: aztransfer.com/tools, curriculum.maricopa.edu, as well as those of individual universities. For appropriate course selection, students should consult with an academic advisor.

TOTAL..... 62**

*FYC may be met with fewer than 6 credits if student has transfer credit from ASU, NAU or UA for a single course that meets FYC in full.

**64 semester credits is the maximum accepted toward most degree programs at Arizona's publi universities. Some exceptions apply; consult with an academic advisor for additional transfer information.

Maricopa County Community College District (MCCCD) 2023-2024
Academic Certificate (AC)

Purpose of the Academic Certificate

The Maricopa County Community College District Academic Certificate (AC) is a defined and coherent program of study that is recommended for students who wish to gain additional expertise in a specific area of emphasis in an academic discipline. While this program of study can result in proficiency in the specified skills and competencies, as well as mastery of a body of knowledge, it is not designed to prepare someone for employment in a specific occupation. The coursework for an Academic Certificate may be from a variety of disciplines or it can be discipline specific. There is no required general studies component to an Academic Certificate; however, the program may include some courses that have specific general education (AGEC) designations such as Humanities, Arts and Design [HU], Social-Behavioral Sciences [SB], Literacy and Critical Inquiry [L], or Cultural Awareness [C]. (See AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for current course values.)

Academic Policies that Govern the Academic Certificate:

* Although the program of study for an Academic Certificate (AC) does not have a mandated minimum number of credit hours, most ACs require approximately 12-39 credit hours in courses numbered 100 and above; students must have earned a minimum of 6 credits toward the certificate at the institution awarding the certificate. For certificates with less than 6 credit hours, all credits must be completed at the college granting the award.

* Students must earn a grade of C or better in each course in the program.

* Follows the graduation policies listed in the college's general catalog for the appropriate catalog year.

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

* Although ACs may include a subset of coursework required in particular transfer degrees, the intent of an AC is not to align with any specific university major. There is no presumption of block transfer to another college or university.

* May have admission criteria established by the college if and when appropriate.

* Generally offered at a limited number of colleges. For a listing of all ACs available in the district and their affiliated college(s) see the CCTA web site at curriculum.maricopa.edu/

Maricopa County Community College District (MCCCD)
2023-2024 Arizona General Education Curriculum (AGEC) – A, B, S

Description
The Maricopa County Community College District Arizona General Education Curriculum (MCCCD AGEC) is a general education certificate that fulfills lower-division general education requirements for students planning to transfer to any Arizona public community college or university. Generally, the MCCCD AGEC transfers as a block without loss of credit. In most cases, all courses used to satisfy the MCCCD AGEC will apply to graduation requirements of the university major for which the AGEC was designed.

As described below, the AGECs are a component of most MCCCD associate degrees and comparable degrees at other Arizona public community colleges. The AGEC-A defines the general education requirements in the Associate in Arts (AA), Associate in Arts, Elementary Education (AAEE), and the Associate in Arts, Fine Arts (AAFA) degrees. The AGEC-B defines the general education requirements in the Associate in Business-General Requirements (ABUS-GR) and Associate in Business-Special Requirements (ABUS-SR) degrees. The AGEC-S defines the general education requirements in the Associate in Science (AS) degree.

As described in more detail below, all AGECs require designated courses in First Year Composition [FYC], Literacy and Critical Inquiry [L], Mathematical Studies [MA], Social-Behavioral Sciences [SB], Humanities, Design and Fine Arts [HU], and Natural Science [SQ/SG]. Students must satisfy two Awareness areas as well: Cultural Diversity in the U.S. and either Global Awareness or Historical Awareness. In addition, the AGEC-A and AGEC-B require a Computer/Statistics/Quantitative Applications course [CS] that is not required for students pursuing the AGEC-S.

Purpose of the AGECs
AGECs were designed to articulate with different academic majors at the state universities, and their particular requirements vary accordingly. In some major-specific pathways, students are allowed to choose from a broad list of courses to satisfy the AGEC requirements, and for others the courses are more restricted or even specified. Additional information on academic majors at the Arizona public universities can be accessed via the following website: aztransfer.com/tools

1. The **AGEC-A** is designed to satisfy General Education requirements in many liberal arts majors as well as other majors that articulate with an Associate in Arts degree (e.g., social sciences, fine arts, humanities, elementary education). AGEC-A requires a minimum of college mathematics or college algebra to satisfy the Mathematics [MA] requirement.

2. The **AGEC-B** is designed to satisfy requirements in business majors that articulate with the Associate in Business (ABUS-GR, ABUS-SR). AGEC-B requires a minimum of brief calculus to satisfy the Mathematics [MA] requirement.

3. The **AGEC-S** is designed to satisfy requirements in majors with more prescriptive mathematics and mathematics-based science requirements such as many in the sciences, technology, engineering and mathematics. AGEC-S requires a minimum of the first course in a calculus sequence to satisfy the Mathematics [MA] requirement, and a minimum of eight (8) credits of either university chemistry, university physics, general biology for majors, or physical and historical geology to satisfy the Natural Sciences [SQ/SG] requirement. In addition, students must select six (6)- to ten (10) additional credits of Subject Options composed of math and/or science appropriate to their major.

Academic Policies that Govern the AGEC A, B, S

- Requires completion of at least 35 credit hours* (for AGEC-A and AGEC-B) and 36 credit hours* (for AGEC-S) in courses numbered 100 and above that have been approved for one or more AGEC designations; a minimum of 12 of those credits must be completed at one or any combination of the MCCCD colleges. See First Year Composition [FYC] notes in the following AGEC descriptions and footer for credit minimum exceptions.*
- All MCCCD courses applied to the AGEC must be completed with a grade of "C" or better.
- All MCCCD courses applied to the AGEC must be accepted for transfer credit as a direct equivalent, departmental elective, or general elective credit at ASU, NAU, and UAZ according to the Course Equivalency Guide at aztransmac2.asu.edu/cgi-bin/WebObjects/CEG for the academic year in which the course was taken. Courses approved for transfer exclusively toward the Bachelor of Applied Science are ineligible for inclusion in the AGEC.
- A single course can simultaneously count toward one or more Awareness Areas and other AGEC requirements. For example, an approved course in world geography may be used to satisfy [SB] and [G] requirements. While multiple requirements can be met with a single course, the credits for that course are only counted one time toward the required minimum total for the AGEC. Except as detailed below for the AGEC-S, a single course cannot be used to satisfy more than one AGEC requirement, with the exception of Awareness Areas. 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 as detailed below for the AGEC-S, a single course cannot be used to satisfy more than one AGEC core requirement other than Awareness Areas. For example, for AGEC-A and AGEC-B, a single course cannot be used to satisfy both [HU] and [SB], but it could be used to meet [HU] and [C], [G] and/or [H].
- Awareness Areas and MCCCD's Additional Requirements may also be shared with other AGEC Requirements. Optimizing credits in this way is often recommended because some programs and universities limit transferable credits at 64.

Transfer Credit from Institutions Outside of MCCCD

- Credits transferred from outside of MCCCD must be completed with a grade of "C" (2.0 on a 4.0 scale) or better. 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) at aztransfer.com/tools/ for the semester(s) in which the course(s) were completed. If a transcript evaluation determines there is no MCCCD 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 composed 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 MCCCD 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.
- Courses with different credit systems (quarter hours, trimester, units) are converted to semester credit hours. A deficiency in an AGEC category due to quarter-hour or other credit system application must be recovered by additional credits to a total of 35 AGEC credits overall (or 32 credits overall if a student transfers in a single course from an Arizona public university that fulfills the First Year Composition requirement).
- Credit awarded at a Maricopa Community College through prior learning assessment in a non-traditional setting is transferable to other colleges in the MCCCD district but is not necessarily transferable to other colleges and universities outside of the MCCCD system. No more than 20 such assessed semester credit hours may be applied toward AGEC.

Completion and Transfer

- Completion of the AGEC with a minimum grade point average of 2.0 for Arizona residents and 2.50 for non-residents (on a 4.0 scale) 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.

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. For some majors, the statewide Common Course matrix, AZTransfer Pathway Guides and/or University Transfer Guides posted on the AZTransfer website on aztransfer.com/tools/can also provide some guidance. For appropriate course selection, students should consult with an academic advisor.

AGEC Requirements

Descriptions and definitions of the requirements for each of the three AGECs follow. The following website identifies the courses that apply to the different requirements within each AGEC for a given academic year: AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec. AGEC designations are subject to change. It is important to verify a course's AGEC value in the semester it is taken. For convenience, this information is provided for the current and upcoming semester in the "Find a Class" tool on maricopa.edu and on each MCCCD college's website as well as in the AGEC matrix provided by AZTransfer at aztransfer.com/tools/.

Note that for students pursuing an associate degree with a specific emphasis (for example: Associate in Arts, Emphasis in History; Associate in Arts, Fine Arts, Emphasis in Theatre; Associate in Science, Emphasis in Physics), the AGEC course requirements are usually more prescriptive. Students pursuing a major-specific pathway should consult the Program (Degree) Search at curriculum.maricopa.edu (click on Current Programs) for specific degree and AGEC requirements. Consultation with an academic advisor about course selection is always recommended.

	Credits
Arizona General Education Curriculum--Arts (AGEC-A).....	**35 (min.)***
The AGEC-A requires a minimum of 35 credits (32 if [FYC] is met by single transfer course)*; courses applied to meet AGEC-A requirements vary by emphasis. Refer to the program (Degree) Search at curriculum.maricopa.edu (click on Current Programs) for specific course requirements. The Required Courses and/or Restricted Electives for some areas of Emphasis may also have AGEC designations including one or more of the Awareness Areas ([C], [G] and/or [H]). A single course may meet more than one requirement but its credits are only counted once toward the total for the degree. AGEC designations are subject to change. See AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for each course's value(s) in the semester it is taken.	
A. First-Year Composition [FYC].....	6*
ENG101 OR ENG107.....	(3)*
AND ENG102 OR ENG108.....	(3)*
B. Literacy and Critical Inquiry [L].....	3
C. Mathematical Applications [MA].....	3-6
Requires a course in college mathematics (MAT140, MAT141, MAT142, MAT145, MAT146) or college algebra (MAT150, MAT151, MAT152, MAT155, MAT156) or pre-calculus (MAT187, MAT188) or higher [MA]-approved general education course.	
D. Computer/Statistics/Quantitative Applications [CS].....	3
E. Humanities, Arts and Design [HU].....	6
Students are encouraged to choose course work from more than one discipline.	
F. Social-Behavioral Sciences [SB].....	6
Students are encouraged to choose course work from more than one discipline.	
G. Natural Sciences [SQ/SG].....	8
The lecture courses selected for Natural Sciences must include or be accompanied by the corresponding laboratory courses for a total of four credits each. Credits for lecture and lab components may be combined or each may carry separate credits. At least four (4) credits must be designated as SQ-Science Quantitative. Eight (8) credits of SG-Science General will not satisfy this requirement.	
H. Awareness Areas.....	0-6

The same course(s) may be used to satisfy one or more Awareness Area(s) as well as other AGEC requirements. (See AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for current course values). Credits for such shared courses may only be counted once.

1. Cultural Diversity in the United States [C]..... (0-3)
2. Global Awareness [G] OR Historical Awareness [H]..... (0-3)

*FYC may be met with fewer than 6 credits if student has transfer credit from ASU, NAU or UAZ
for a single course that meets FYC in full.

Credits

Arizona General Education Curriculum - Business (AGEC-B)..... 35 (min.)*
The AGEC-B requires a minimum of 35 credits (32 if FYC is met by single transfer course)*,

The Required Courses and/or Restricted Electives for corresponding Associate's degree may also have AGEC designations including one or more of the Awareness Areas ([C], [G] and/or [H]). A single course may meet more than one requirement but its credits are only counted once toward the total for the degree.

A. First-Year Composition [FYC]..... 6*
   ENG101 OR ENG107 AND..... (3)*
   ENG102 OR ENG108..... (3)*
B. Literacy and Critical Inquiry [L]..... 3
C. Mathematical Applications [MA]..... 3-5
   MAT212 Brief Calculus OR..... (3)
   MAT213 Brief Calculus OR..... (4)
   Higher [MA] designated course..... (3-5)
D. Computer/Statistics/Quantitative Applications [CS]..... 3
   CIS105 Survey of Computer Information Systems
E. Humanities, Arts and Design [HU]..... 6
   Students are encouraged to choose course work from more than one discipline.
F. Social-Behavioral Sciences [SB]..... 6
   ECN211 Macroeconomics AND ECN212 Microeconomics
G. Natural Sciences [SQ/SG]..... 8
   The lecture courses selected for Natural Sciences must include or be accompanied by the corresponding laboratory courses for a total of four (4) credits. Credits for lecture and lab components may be combined or each may carry separate credit. At least four (4) credits must be designated as SQ-Science Quantitative. Eight (8) credits of SG-Science General will not satisfy this requirement. 0-6
H. Awareness Areas.....
   The same course(s) may be used to satisfy one or more Awareness Area(s) as well as other AGEC requirements. (See AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for current course values). Credits for such shared courses may only be counted once. (0-3)
   1. Cultural Diversity in the United States [C]..... (0-3)
   2. Global Awareness [G] OR Historical Awareness [H].....

*FYC may be met with fewer than 6 credits if student has transfer credit from ASU, NAU or UAZ for a single course that meets FYC in full.

Arizona General Education Curriculum--Science (AGEC-S)..... Credits

The AGEC-S requires a minimum of 36 credits (33 if FYC is met by single transfer course)*; courses applied to meet AGEC-S requirements vary by emphasis. **36 (min.)***

Refer to the program (Degree) Search at curriculum.maricopa.edu (click on Current Programs) for specific course requirements. The Required Courses and/or Restricted Electives for some areas of Emphasis may also have AGEC designations including one or more of the Awareness Areas ([C], [G] and/or [H]). A single course may meet more than one requirement but its credits are only counted once toward the total for the degree.

Some courses have been approved for more than one AGEC designation (see AGEC matrix). For the AGEC-S only, a single course with an [L] designation may be used to satisfy a second AGEC requirement (as well as any approved Awareness Areas). Only courses with [L] designations may be shared in this way.

A. First-Year Composition [FYC]..... 6*
ENG101 OR ENG107..... (3)*
AND ENG102 OR ENG108..... (3)*

B. Literacy and Critical Inquiry [L]..... 0-3**
Students pursuing AGEC-S and/or AS degree are strongly encouraged to choose an [L] course that also has [HU] or [SB] designation or to use CRE101 or COM225 from the Maricopa Additional Requirements Area to satisfy the [L] requirement. The [L] course selected may also have been approved to satisfy one or more Awareness Areas ([C], [G], [H]). Thus, a single [L] course could potentially meet another AGEC requirement as well as one or more Awareness areas.

C. Mathematical Applications [MA]..... 4-5
Requires the first semester of calculus courses designed for scientists and engineers (MAT220 or MAT221) or any other [MA] designated course for which Calculus I is a prerequisite.

D. Humanities, Arts and Design [HU]..... 6
A single course approved for both [L] and [HU] designations may be used to satisfy both requirements. This policy is unique to AGEC-S and to [L] courses. A course approved for both [HU] and [SB] can be counted for one or the other designation, not both. AGEC designations are subject to change. See AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for each course's value(s) in the semester it is taken.

E. Social-Behavioral Sciences [SB]..... 6
A single course approved for both [L] and [SB] designations may be used to satisfy both requirements. This policy is unique to AGEC-S and to [L] courses. A course approved for both [SB] and [HU] can be counted for one or the other designation, not both. AGEC designations are subject to change. See AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for each course's value(s) in the semester it is taken.

F. Natural Sciences [SQ/SG]..... 8-10
Students must complete eight (8) credits of General Chemistry, University Physics, General Biology for Majors, or Physical and Historical Geology. Consult specific requirements of university transfer major or associate degree with corresponding emphasis. for guidance.

[(CHM150 or CHM151) & CHM151LL] or
CHM150AA or CHM151AA General Chemistry I
AND
[CHM152 & CHM152LL] or CHM152AA General Chemistry II
OR
PHY115 or PHY121 University Physics I
AND
PHY116 or PHY131 University Physics II
OR

BIO181 or BIO181XT General Biology (Majors) I
AND
BIO182 or BIO182XT General Biology (Majors) II

OR

GLG101IN Introduction to Geology I - Physical or
GLG101 Introduction to Geology I - Physical Lecture and
GLG103 Introduction to Geology I – Physical Lab
AND
GLG102IN Introduction to Geology II – Historical or
GLG102 Introduction to Geology II - Historical Lecture and
GLG104 Introduction to Geology II – Historical Lab

G. Subject Options - Math/Science..... 6-10

Students should refer to transfer resources, including academic advisement, transfer guides and/or requirements for associate degree with corresponding area of emphasis, to select six (6)-ten (10) additional math and/or science credits that meet requirements for selected major.

This Math/Science requirement can be met by selecting Mathematics course(s) [MAT] that require Calculus I as a prerequisite and/or Computer Science course(s) [CSC] and/or additional Science courses from the following disciplines: Astronomy, Biology, Botany, Chemistry, Engineering, Environmental Science, Geology, Physical Geography, Physics, Zoology (MCCCD prefixes AST, BIO CHM, ECE, EEE, ENV, GLG, GPH, and/or PHY) 0-6

H. Awareness Areas.....

The same courses may be used to satisfy one or more Awareness Area(s) as well as other AGEC requirements (see AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for current course values).

1. Cultural Diversity in the United States [C]..... (0-3)
2. Global Awareness [G] OR Historical Awareness [H]..... (0-3)

*FYC may be met with fewer than 6 credits if student has transfer credit from ASU, NAU or UAZ for a single course that meets FYC in full.

**0 only if shared with HU or SB]

Description of AGEC Designations

First-Year Composition (FYC)
First-Year Composition courses emphasize skills necessary for college-level expository writing, including correct grammar and punctuation, logical organization of ideas, and identification of supporting documentation.

Literacy and Critical Inquiry [L]
In the [L] course, students typically at the sophomore level, express their findings in writing or speech. This course includes a series of graded written or spoken formal assignments.

Literacy is defined broadly as communicative competence in written and oral discourse; critical inquiry is defined as the gathering, interpreting, and evaluating of evidence. Building on the proficiency attained in traditional First-Year Composition courses, the Literacy and Critical Inquiry [L] requirement sustains and extends students' ability to thoughtfully use and critically analyze written and/or spoken language.

Mathematical Applications [MA]
The Mathematical Studies requirement is intended to ensure that students have requisite skill in mathematics appropriate for their discipline and can apply mathematical analysis in their chosen fields.

Computer/Statistics/Quantitative Applications [CS]
AGEC-A and AGEC-B require a course that emphasizes the use of statistics, other mathematical methods, computer programming languages and/or software in the interpretation of data and in describing and analyzing quantitative relationships.

Humanities, Arts and Design [HU]
The study of the humanities and the disciplines of art and design deepen awareness of the complexities of the human condition and its diverse histories and cultures. Courses in the humanities are devoted to the production of human thought and imagination, particularly in philosophical, historical, religious and artistic traditions. Courses with an emphasis in fine arts and design are devoted to the study of aesthetic experiences and the processes of artistic creation. They may also feature a design emphasis in which material culture is studied as a product of human thought and imagination.

Social-Behavioral Sciences [SB]
Social-Behavioral Sciences provide scientific methods of inquiry and empirical knowledge about human behavior, both within society and within individuals. This area of emphasis may include study of such disciplines as anthropology, economics, history, political science, psychology, or sociology. The courses in this area address the challenge of understanding the diverse natures of individuals and cultural groups who live together in a complex and evolving world.

Natural Sciences [SQ/SG]
In addition to an understanding of basic scientific principles and concepts, courses in the Natural Sciences are designed to help students appreciate, from firsthand laboratory and/or field research experience, the nature of science as a process that embraces curiosity, inquiry, testing, and communication to better understand natural phenomena. At least one of the two natural science courses must include an introduction to the fundamental behavior of matter and energy in physical or biological systems.

AWARENESS AREAS
Students must satisfy two Awareness areas: Cultural Diversity in the U.S. and either Global Awareness or Historical Awareness. Courses can satisfy other AGEC requirements and one or two Awareness areas simultaneously. Therefore, no additional semester credits are required to satisfy the two Awareness areas provided courses selected are approved for those designations (see AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec).

Cultural Diversity in the United States [C]
The contemporary "culture" of the United States involves the complex interplay of many different cultures that exist side by side in various states of harmony and conflict. U.S. history involves the experiences of European immigrants and their descendants, American Indians, Hispanic Americans, African Americans and Asian Americans--all of whom played significant roles in the development of contemporary culture and together shape the future of the United States. At the same time, the recognition that gender, class, and religious differences cut across all distinctions of race and ethnicity offers an even richer variety of perspectives from which to view one. Awareness of cultural diversity and its multiple sources can illuminate the collective past, present, and future and can help to foster greater mutual understanding and respect.

The objective of the Cultural Diversity area requirement is to promote awareness of and appreciation for cultural diversity within the contemporary United States. This is accomplished through the study of the cultural, social, or scientific contributions of women and minority groups, examination of their experiences in the United States, or exploration of successful or unsuccessful interactions between and among cultural groups.

Global Awareness [G]
Human organizations and relationships have evolved from being family and village centered to the modern global interdependence that is apparent in many disciplines--for example, contemporary art, business, engineering, music, and the natural and social sciences. Many serious local and national problems are world issues that require solutions which exhibit mutuality and reciprocity. These problems occur in a wide variety of activities, such as food supply, ecology, health care delivery, language planning, information exchange, economic and social developments, law, technology transfer, and even philosophy and the arts. The Global Awareness Area recognizes the need for an understanding of the values, elements, and social processes of cultures other than the culture of the United States. The Global Awareness Area includes courses that recognize the nature of other contemporary cultures and the relationship of the American cultural system to generic human goals and welfare.

Courses that satisfy the global awareness option in the requirements are of one or more of the following types:

1. Area studies that are concerned with an examination of culture-specific elements of a region of the world
2. The study of a non-English language
3. Studies of international relationships, particularly those in which cultural change is facilitated by such factors as social and economic development, education, and the transfer of technology
4. Studies of cultural interrelationships of global scope such as the global interdependence produced by problems of world ecology.

Historical Awareness [H]
The Historical Awareness Area option in the requirements aims to develop a knowledge of the past that can be useful in shaping the present and future. Because historical forces and traditions have created modern life and lie just beneath its surface, historical awareness is an aid in the analysis of present-day problems. Also, because the historical past is a source of social and national identity, historical study can produce intercultural understanding by tracing cultural differences to their origins. Even the remote past may have instructive analogies for the present.

The Historical Awareness Area consists of courses that are historical in method and content. In this area, the term "history" designates a sequence of past events or a narrative whose intent or effect is to represent such a sequence.

The requirement presumes that these are human events and that history includes all that has been felt, thought, imagined, said, and done by human beings. History is present in the languages, art, music, literature, philosophy, religion, natural sciences, as well as in the social science traditionally called history.

Maricopa County Community College District (MCCCD)
2023-2024 Associate In General Studies (AGS) Degree and General Education Requirements

Description

The Maricopa County Community College District Associate in General Studies degree requires 60-64 semester credits in courses numbered 100 and above. The degree includes the following components:

I. **Required Courses** (1-3 credits)
First Year Experience (all courses completed with a grade of "C" or better)

II. **General Education** (minimum of 35 credits)
Core Areas (all courses completed with a grade of "C" or better)
- First-Year Composition
- Mathematics
- Computer Usage
- Oral Communication
- Critical Reading

Distribution Areas (all courses completed with a grade of "D" or better):
- Humanities, Arts and Design
- Social-Behavioral Sciences
- Natural Sciences
- Literacy and Critical Inquiry

III. **General Electives** (enough additional courses numbered 100 or above, completed with a grade of "D" or better, to bring total credits to at least 60)

Purpose of the Degree

The Associate in General Studies (AGS) degree is recommended for students whose educational goals require flexibility. The degree allows students to apply any course numbered 100 or above, including some that are not transferable to the Arizona public universities and may not be transferable to other universities, toward the credits required for the degree. Therefore, for students who intend to transfer to another college or university to pursue a bachelor's degree, this degree may be less appropriate than other associate degrees offered by the Maricopa Community Colleges: Associate in Arts (AA); Associate in Arts, Elementary Education (AAEE); Associate in Arts, Fine Arts (AAFA); Associate in Business-General Requirements (ABUS-GR); Associate in Business-Special Requirements (ABUS-SR); Associate in Science (AS); and all emphases of these degrees

Academic Policies that Govern the Associate in General Studies Degree:
- The graduation policies within the general catalog must be satisfied (Administrative Regulation 2.3.9). First Year Experience is required (FYE 101 or FYE 103).
- A single course can simultaneously count toward a Core Area and a Distribution Area requirement. Courses that meet this criterion are bold print and underscored in the Core areas and Distribution areas (on the course list at the conclusion of this document). For example, CRE101 may be used to satisfy both the Literacy and Critical Inquiry requirement of the Distribution area and the Core curriculum's Critical Reading area. While multiple requirements can be met with a single course, the credits are only counted one time toward the required minimum for the

degree. A course cannot satisfy more than one Core area, even if it is approved for more than one Core area. A course cannot satisfy more than one Distribution area, even if it is approved for more than one Distribution area.

- Credits transferred from outside of MCCCD must be completed with a grade of "C" (2.0 on a 4.0 scale) or better. Transfer credit graded pass/fail or pass/no credit may be transferred if documentation collected by the community college indicates that this was the only grading option available to the student and that the Pass grade ("P") is equivalent to a "C" or better.
- Courses with different credit systems (quarter hours, trimester, units) are converted to semester credit hours. The recovery of a deficiency in a requirement (Prerequisites, Required Courses, Restricted Electives, or General Education) category due to a quarter-hour or other credit system application will be determined by the college.
- Completion of the AGS with a minimum Grade Point Average (on a 4.0 scale) of at least 2.0 for Arizona residents and 2.50 for non-residents meets Arizona public university general admission requirements. However, meeting all AGS minimums does not ensure admission to specific university majors or programs with selective admission processes and/or limited enrollment. Furthermore, because the AGS is not designed to align with the requirements for bachelor's degrees, not all credits may be transferable and students may have deficiencies in lower division (100- and 200-level) courses for a particular major.

Summary of Degree Requirements:
Details on how to identify courses approved for each of the categories is described following the outline.

I. **Required Courses…….... 1-3**
FYE101 Introduction to College, Career and Personal Success OR
FYE103 Exploration of College, Career and Personal Success

II. **MCCCD General Education ……. 35-48***
Core Areas……... 13-19

1. First-Year Composition…… 6*
   ENG101 OR ENG107 AND
   ENG102 OR ENG108
2. Mathematics ……..… 3-6
3. Computer Usage ……..……. 1
4. Oral Communication …… 3
   COM100 Introduction to Human Communication OR
   COM110 Interpersonal Communication OR
   COM225 Public Speaking OR
   COM230 Small Group Communication (3 credits) OR
   COM100AA & COM100AB & COM100AC (3 credits) OR
   COM110AA & COM110AB & COM110AC (3 credits)
5. Critical Reading ……..…. 0-3
   Students may demonstrate proficiency through assessment.
   CRE101 Critical Reading OR equivalent as indicated by assessment

Distribution Areas…….……. 22-29

1. Humanities, Arts and Design ……..……... 9
   Students are encouraged to choose course work from more than one discipline.
2. Social-Behavioral Sciences……. 6-9
   Students are encouraged to choose course work from more than one discipline. If COM100, COM110, or COM230 is shared between the AGS' Core and Distribution areas, the Social-Behavioral Sciences requirements for the degree may be met with just 6 additional credits in this area (see Academic Policies section on prior page). The credits for the shared COM course are only counted once, but they may be applied to meet both Oral Communication and Social-Behavioral Science requirements.

3. Natural Sciences……..…. 7-8
   Two lecture courses and one corresponding laboratory course are to be selected. Credits for lecture and lab components may be combined or each may carry separate credit. For appropriate course selection students should consult with an academic advisor.

4. Literacy and Critical Inquiry ……....0-3
   The Literacy and Critical Inquiry requirement may be met by CRE101 (which also satisfies Critical Reading) or COM225 (which also satisfies Oral Communication) with a grade of "C" or better. The credits for shared courses are only counted once, but may be applied to meet both a Core (see course list above) and a Distribution Area requirement.

   Alternatively, the Literacy and Critical Inquiry requirement may be met with a grade of "D" or better by selecting an additional 3 credits from the list of approved options.

I. General Electives…… 13-26
   Select additional courses 100-level or higher to complete a minimum of 60 semester credits but no more than a total of 64 semester credits.

Associate in General Studies Total Credits: ……..… 60-64

*First-Year Composition may be met with fewer than 6 credits if a student has transfer credit from ASU, NAU or UAZ for a single course that meets FYC in full.

All courses listed meet AGS requirements as specified. Courses in *Purple Italic Underline* also meet Arizona General Education Curriculum (AGEC) requirements.

AGEC designations are subject to change. See AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for each course's value(s) in the semester it is taken.

Courses in bold print and underscored simultaneously count towards a Core Area and a Distribution requirement.

AGS GENERAL EDUCATION CORE

(16 credits - grade of "C" or better)*

First-Year Composition (6 credits)*

ENG English *[101, 107] & [102, 108]*

Oral Communication (3 credits)

COM Communication *100, 100AA & 100AB & 100AC, 110, 110AA &110AB & 110AC, 225, 230*

Critical Reading (3 credits)

CRE Critical Reading *101* or Equivalent as indicated by assessment

Mathematics (3 credits)

MAT Mathematics 112, 114, 115, 120, 121, 122, 126, *140, 141, 142, 145, 146, 150, 150&182, 151, 151&182, 152, 152&182, 155, 155&182, 156, 156&182, 172, 187, 188,* 206, *212, 213,* 217, 218, *220, 221, 225, 227, 230, 231, 240, 241,* 256, 257, *276, 277,* Equivalent course/ Satisfactory completion of a higher-level Mathematics course.

Computer Usage (1 credit)

Computer-related course or demonstration of comparable computer skills. Additional courses may be approved by individual colleges. Students should contact their advisor for college-specific courses satisfying the requirement.

ACC Accounting 115
ABS Applied Biological Sciences *283*
AJS Administration of Justice Studies 205
ARC Architecture 243, 244, 245
AVC Art and Visual Communication 100, 169, 170, 173, 175, 177, 179, any 180++ course, 183, 283, 289
BPC Business-Personal Computers Any BPC Course(s), including *110*
CIS Computer Information Systems Any CIS Course(s), including *105, 162AB, 162AD, 163AA* (and except 159, 162AC, 217AM, 259,)
CSC Computer Science Any CSC Course(s), including *100AA, 100AB, 110, 110AA, 110AB, 120, 150, 150AA, 180 180AA, 180AB, 181, 181AA, 181AB, 182, 182AA, 205, 205AA, 205AB, 205AC, 205AD, 283* (and except 200, 200AA, 200AB 210, 210AA, 210AB)
CTR Court Reporting 101, 102
DFT Drafting Technology *105AA***, 254AA
***Must be taken with CSC100AA or AB to meet AGEC value*
ECH Early Childhood Education 238
EDU Education *115*
EED Early Education *115*
EEE Electrical Engineering *120*
ELE Electronic 131, 181, 241, 243, 245
ELT Electronic Technology 131, 243
ENG English 100AE
FON Food & Nutrition 100
GBS General Business *221*
GIS Geographic Information Science *205, 211*
HRM Hotel Restaurant Management 126
JRN Journalism 133
LAS Paralegal Studies 229
MAT Mathematics *206*
MTC Music Theory/Composition *180*

Computer Usage *(continued)*
MUC Music: Commercial/Business 180, 191
NET Networking Technology 181
OAS Office Automation Systems 111AA
PSY Psychology *230, 230WL*
SWU Social Work *225*

AGS GENERAL EDUCATION DISTRIBUTION AREAS (28-29 credits – grade of "D" or better)

Humanities, Arts and Design (9 credits)
Students are encouraged to choose courses from more than one discipline.
AHU Arabic Humanities *245*
AIS American Indian Studies *213*
AJS Administration of Justice Studies *123*
ARH Art Humanities Any ARH Course(s), including *100, 101, 102,* 109, 110, *112, 115, 118, 145, 201, 202, 203, 204, 217,* 216, 240, 250
ART Art *131*
ASB Anthropology *211, 214, 220, 222, 223, 253*
CCS Chicana and Chicano Studies *101*
COM Communication *241*
CONConstruction *101*
DAH Dance Humanities *100, 201, 250, 255*
EDU Education *230, 291, 292, 294*
EED Early Education *225*
ENG English *200, 213, 218*
ENH English Humanities Any ENH Course(s), including *110,* 111, *112, 113, 114,* 117, 130, *140AA, 190, 201, 202, 204, 206, 214, 220, 221, 222, 230, 231, 232, 235, 241, 242, 245, 251, 253, 254, 255, 256, 259, 260, 275,* 277, *277AE, 277AG,* 277AA-AK, *280, 284, 285, 291, 294, 295*
FMT Film, Media, and Theatre *107*
FRE French *265*
GST Game Studies *202*
HCR Health Care Related *210*
HIS History *101, 102, 103, 108, 110, 111, 113, 114, 203, 212, 251, 252*
HON Honors *190*
HUM Humanities Any HUM course(s), including 100, *101, 107, 108, 190AA, 190AB, 190AC, 190AD, 190AE, 190AF, 190AG, 190AH, 190AI, 201, 202, 205, 206, 209, 210, 211AA,* 211AE, *212, 213, 214, 215, 216, 220, 235, 245, 250, 251, 260, 261, 292,* 295 (and except 120, 225)
INT Interior Design *115, 120*
JPH Japanese Humanities *245*
Humanities, Arts and Design *(continued)*
LAT Latin *201, 202*
MHL Music: History/Literature *140, 143, 145, 146, 153, 155, 194, 204, 241, 242, 295*
PHI Philosophy Any PHI Course(s), including *101, 103, 104, 105, 201, 212, 213, 214,* 215, *216, 218, 224, 233AA, 233AB, 234AA,* 233AC, *244, 245,* 250, *251,* 282AC
QST Queer Studies *200, 210*

Humanities, Arts and Design *(continued)*
REL Religious Studies Any REL Course(s), *100, 101, 151, 200, 201, 202, 203, 205, 206, 207, 210,* 211, *212,* 213, 214, 218, 223, *225,* 230, *240, 244,* 245, 248, *250, 251, 270, 271,* 277, 292, 294, 295, 282AA-AC, *290, 291*
SLC Studies in Language & Culture *201, 202*
SPA Spanish *241, 242, 265, 266*
SPH Spanish Humanities *241, 245*
SSH Sustainability/Social Sciences and Humanities *111*
STO Storytelling *292, 294, 295*
SWU Social Work *183*
TEC Textiles and Clothing *105, 125*
THE Theater *111, 220*
THF Theatre and Film *205, 206, 210*
THP Theater/Performance/Production *217, 241*
WST Women's Studies *209, 284, 285, 290*

Social-Behavioral Sciences (6-9 credits)

Students are encouraged to choose courses from more than one discipline. Social-Behavioral Sciences requirements may be met with 6 credits only if COM100, COM110, or COM230 is shared between Core and Distribution (see Academic Policies section). The credits are only counted once, but may be applied to meet Oral Communication and Social-Behavioral Science requirements.

AFR African American Studies *202, 203, 204*
AIS American Indian Studies *101, 140, 141,*160
AJS Administration of Justice Studies *101,* 119, *200, 225, 258, 270*
ASB Anthropology *100, 102, 202, 211, 222, 223, 226, 230, 235, 252*
ASM Anthropology *104, 275*
BHS Behavioral Health Services Technology *150, 155, 175 210*
CAP Counseling and Applied Psychology *120*
CCS Chicana and Chicano Studies *202*
CFS Child/Family Studies *112, 157, 159, 176, 205, 235, 259*
COM Communication *100, 100AA&100AB&100AC, 110, 110AA&110AB&110AC, 163, 230, 250, 263*
CPD Counseling and Personal Development *102AH, 180*
ECH Early Childhood Education *176*
ECN Economics *160, 211, 212, 213, 250*
EDU Education 221, 222
EED Early Education 205, 222
EMT Emergency Medical Technology 258
ENG English 213
FOR Forensic Science 275
FSC Fire Science Technology 258
GCU Cultural Geography 102, 113, 121, 122, 141, 221
HES Health Science 100, 120

Social-Behavioral Sciences *(continued)*

HIS History any HIS Course(s), including 100, 101, 102, 103, 104, 105, 106,108, 109, 113, 114, 140, 145, 190, 201, 203, 204, 209, 240, 241, 242, 273, 277 (and except 111, 170, 173, 251, 252)
HON Honors 201
HUM Humanities 235
IBS International Business 109
IFS Information Studies 201, 210, 213
MCO Mass Communications 120
MGT Management 229, 230
PAD Public Administration 200
POS Political Science Any POS course(s), including *100*, 101, *110, 113, 114*, *115, 120, 125, 130, 140*, 180, *210*, 221, 222, *223*, 281AB, 282AA-AC, *285*
PSY Psychology *101*, *123*, *132, 156*, *157, 215, 218, 225*, *235, 240, 241, 243, 250, 260, 262, 266, 277, 280, 292*
QST Queer Studies *200, 210*
REC Recreation *120*
SBU Society and Business *200*
SLC Studies in Language & Culture *201*
SOC Sociology Any SOC course(s), including *101*, *110*, *130, 141, 157, 180, 212, 220, 241 251*, *266, 270* (and except 143, 245, 253, 265)
SSH Sustainability/Social Sciences and Humanities *111*
SUS Sustainability/Natural Sciences *110*
SWU Social Work *171, 182, 250, 258, 295*
TEC Textiles and Clothing *105* WST
Women's Studies *100, 161*
YAQ Yaqui Indian History and Culture *100*

Natural Sciences (7-8 credits)

Two lecture courses and one corresponding laboratory course are to be selected. The lecture and corresponding laboratory course(s) may carry separate credit. For appropriate course selection students should consult with an advisor.

AGS Agricultural Science *164, 260*
ASB Anthropology *231*
ASM Anthropology *104, 265, 275*
AST Astronomy *101, 106, 111, 112*
BIO Biology *100, 101, 102, 105, 107, 108, 109, 111, 116 145*, 149AH, 149AK, 149AL, 149AM, 149AN, *156, 156XT, 160, 181, 181XT, 182, 182XT, 201*, *201XT, 202, 205*,
CHM Chemistry *107&107LL, 130&130LL, 130AA,140AA 150&151LL,150AA, 151&151LL, 151AA, 152&152LL, 152AA, 230AA, 230&230LL*
CON Construction *106*
ENV Environmental Sciences *101*
FON Food and Nutrition *241&241LL* FOR Forensic Science *105, 106, 275*
GLG Geology *101&103, 101IN, 102&104, 102IN, 10*5, *106, 110&111, 110IN*, 121, 140, 229AB-AC, 230AA-AC, 231AA-AD, 280, 281, 282AA
GPH Physical Geography *111&112, 113, 211, 212&214, 213&215*

Natural Sciences *(continued)*

PHS Physical Science *110, 115, 120*
PHY Physics *101, 101AA, 111, 111AA, 112, 115, 116, 121,131*
PSY Psychology *275, 290AB, 290AC*

Literacy and Critical Inquiry (0-3 credits)

Literacy requirements may be met with 0 credits only if CRE101 or COM225 is shared between Core and Distribution (see Academic Policies section). The credits are only counted once, but may be applied to meet [Critical Reading and Literacy and Critical Inquiry] or [Oral Communication and Literacy and Critical Inquiry] requirements.

AIS American Indian Studies 203,*213*
CAP Counseling and Applied Psychology *260*
COM Communication *222, 225, 241*

(Continued on next page)

Literacy and Critical Inquiry *(continued)*
CPD Counseling and Personal Development *160*
CRE Critical Reading *101, 201*
CUL Culinary Arts *223*
DAH Dance Humanities *255*
EDU Education *220, 282AC*
ENG English *111, 200, 215, 216, 217, 218*
ENH English Humanities *241,253, 254, 255, 277AE, 277AG*
EXS Exercise Science *290*
FON Food and Nutrition *225*
GBS General Business *233*
GPH Physical Geography *267*
HUM Humanities *212, 225, 235, 250, 251*
IFS Information Studies *201*
JRN Journalism *201,234*
MCO Mass Communications *220*
MHL Music: History/Literature *204*
PHI Philosophy *103, 214, 218, 224, 244*
POS Political Science *115*
PSY Psychology *290AB, 290AC*
REL Religious Studies *203, 205, 207*
SLC Studies in Language & Culture *202*
THE Theatre *220*
THP Theatre Performance/Production *241*

Elective Courses (15-22 credits)
May select courses from prefixes already chosen for General Education Distribution requirements in order to develop depth in one or more subject areas.

*First-Year Composition may be met with fewer than 6 credits if student has transfer credit from ASU, NAU or UAZ for a single course that meets FYC in full.

Maricopa County Community College District MCCCD)
2023-2024 Associate In Science (AS) Degree

Description
The Maricopa County Community College District Associate in Science (AS) degree requires a minimum of 60 semester credits for the program of study; minimum total credits vary by specific emphasis (for example, Associate in Science, Emphasis in Physics). Refer to curriculum.maricopa.edu and click on Current Programs to search for the corresponding area of emphasis for credit minimums. A minimum grade point average of 2.0 (4.0 scale) and grades of "C" or better are required in all courses to earn the degree. The AS degree is governed by the MCCCD General Academic Policies for Degrees Designed for University Transfer.

The Associate in Science degree includes the following components:

I. Program Prerequisites (as specified by emphasis area)
II. Required Courses
III. Restricted Electives (as specified by emphasis area)
IV. Arizona General Education Curriculum for Science (AGEC-S)
V. MCCCD Additional Requirements (Oral Communication and Critical Reading)
VI. General Electives (if needed to reach minimum credits for degree)

Purpose of the Degree
The Associate in Science (AS) 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. It does not, however, guarantee acceptance into particular university majors/programs with a limited number of students. Students should consult with their transfer institution for any specific admission requirements (e.g., GPA, letters of reference, work experience).

In most cases, courses used to satisfy the MCCCD Associate in Science (AS) will apply to general university graduation requirements of the majors that align with the AS degree; however, students need to be aware of any specific requirements of their intended major at the university to be sure they select courses that will meet them. Information regarding the articulation of the AS with majors at the Arizona public universities can be accessed via the following website: aztransfer.com/tools

It is recommended that students select courses that meet more than one general education and/or awareness area requirement. Doing so will maximize the number of math and science electives the student can take as part of the Associate in Science degree.

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 for the AGEC-S. The credits for such a "shared" course are only counted once toward the required minimum for the degree.

Degree Requirements
The requirements for the Associate in Science (AS) follow. The AS degree requires at least 60 credits; however, minimum credits for the AS may vary for a specific area of emphasis. Refer to curriculum.maricopa.edu and click on Current Programs to search for the corresponding area of emphasis and credit minimums. The following websites identify the courses that apply to the different General Education Core and Awareness Areas: AGEC-S and the AGEC Matrix at https://aztransmac2.asu.edu/cgi-bin/WebObjects/agec

Requirements	***Credits***
I. Program Prerequisites..... Program prerequisites for the AS degree vary by specific emphasis, and are neither required for all emphases nor for the general AS degree without a specific emphasis. Refer to curriculum.maricopa.edu and click on Current Programs to search for the corresponding area of emphasis for specific courses required and credit minimums.	**Number varies**
II. Required Courses..... Students must complete FYE 101 (1) or FYE 103 (3) and select the required courses for the specific AS degree emphasis. Refer to curriculum.maricopa.edu and click on Current Programs to search for the corresponding area of emphasis for specific courses required and credit minimums.	**Number varies**
III. Restricted Electives..... Restricted electives for the AS degree vary by specific emphasis and are not required for the general AS degree without a specific emphasis.Refer to curriculum.maricopa.edu and click on Current Programs to search for the corresponding area of emphasis for specific courses required and credit minimums.	**Number varies**
IV. Arizona General Education Curriculum—Science (AGEC-S)..... The AGEC-S requires a minimum of 36 credits (33 if FYC is met by single transfer course)*. Courses applied to meet AGEC-A requirements vary by emphasis. Refer to curriculum.maricopa.edu and click on Current Programs to search for the corresponding area of emphasis for specific courses required and credit minimums. Any prerequisite/required/restricted elective courses that also have one or more AGEC designation(s) may be applied toward both requirements. Credits for such shared courses are only counted once toward the total credits for the degree. AGEC designations are subject to change. See AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for each course's value(s) in the semester it is taken. Some of the courses have been approved for more than one designation. Notes below will show how such courses may be used to meet multiple degree requirements.	**up to 56**
A. First-Year Composition [FYC]..... ENG101 OR ENG107..... AND ENG102 OR ENG108.....	**6*** (3)* (3)* **0-3****
B. Literacy and Critical Inquiry [L]..... Students are strongly encouraged to choose an [L] course that also has [HU] or [SB] designation or to use CRE101 or COM225 from the Maricopa Additional Requirements Area to satisfy the [L] requirement. It may also have been approved to satisfy one or more Awareness Areas ([C], [G], [H]). (AGEC designations are subject to change. See AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for each course's value(s) in the semester it is taken.)	**4-5**
C. Mathematical Applications [MA]..... The AGEC-S requires the first semester of a calculus sequence designed for scientists and engineers (MAT220 or MAT221) or any other [MA] designated course for which Calculus I is a prerequisite.	

D. Humanities, Arts and Design [HU]..... **6**
For the AGEC-S, a single course with both [HU] and [L] designations may satisfy both Areas. Note that some [HU] courses also have Awareness Areas designations and can be used to satisfy [C], [G] and/or [H] requirement(s) as well as their respective Core Area(s). (AGEC designations are subject to change. See AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for each course's value(s) in the semester it is taken.

E. Social-Behavioral Sciences [SB]..... **6**
For the AGEC-S, a single course with both [SB] and [L] designations may satisfy both Areas. Note that some [SB] courses also have Awareness Areas designations and can be used to satisfy [C], [G] and/or [H] requirement(s) as well as their respective Core Area(s). (AGEC designations are subject to change. See AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for each course's value(s) in the semester it is taken.)

F. Natural Sciences [SQ/SG]..... **8-10**
Students must complete eight (8) to ten (10) credits of General Chemistry, University Physics, General Biology for Majors, or Physical and Historical Geology. Consult specific requirements of university transfer major for guidance or refer to curriculum.maricopa.edu and click on Current Programs to search for the corresponding area of emphasis.

[(CHM150 or CHM151) & CHM151LL] or
CHM150AA or CHM151AA General Chemistry I
AND
[CHM152 & CHM152LL] or CHM152AA General Chemistry II
OR

PHY115 or PHY121 University Physics I
AND
PHY116 or PHY131 University Physics II
OR

BIO181 or BIO181XT General Biology (Majors) I
AND
BIO182 or BIO182XT General Biology (Majors) II
OR

GLG101IN Introduction to Geology I - Physical or
GLG101 Introduction to Geology I - Physical Lecture and
GLG103 Introduction to Geology I – Physical Lab
AND
GLG102IN Introduction to Geology II – Historical or
GLG102 Introduction to Geology II - Historical Lecture and
GLG104 Introduction to Geology II – Historical Lab

G. Subject Options - Math/Science **6-10**
Students should refer to transfer resources, including academic advisement and transfer guides, to select six (6)- ten (10) additional math and/or science credits that meet requirements for the selected major.

This Math/Science requirement can be met by selecting Mathematics course(s) (MAT) that require Calculus I as a prerequisite and/or Computer Science course(s) (CSC) and/or additional

Science courses from the following disciplines: Astronomy, Biology, Botany, Chemistry, Engineering, Environmental Science, Geology, Physical Geography, Physics, Zoology (MCCCD prefixes AST, BIO, CHM, ECE, EEE, ENV, GLG, GPH, and/or PHY)

H. Awareness Areas..... **0-6**
The same course(s) may be used to satisfy one or more Awareness Area(s) as well as other AGEC requirements. (See AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for current course values). Credits for such shared courses may only be counted once.

1. Cultural Diversity in the United States [C]..... (0-3)
2. Global Awareness [G] OR Historical Awareness [H]..... (0-3)

V. MCCCD Additional Requirements..... 0-6

Some courses in this area have [SB] and [L] designations and may also be applied to the corresponding AGEC requirements. See the AGEC matrix at aztransmac2.asu.edu/cgi-bin/WebObjects/agec for course designations.

A. Oral Communication..... (0-3)
COM100 [SB] Introduction to Human Communication OR
COM110 [SB] Interpersonal Communication OR
COM225 [L] Public Speaking OR
COM230 [SB] Small Group Communication (3 credits) OR
COM100AA & COM100AB & COM100AC [SB] (3 credits) OR
COM110AA & COM110AB & COM110AC [SB] (3 credits)

B. Critical Reading..... (0-3)
CRE101 [L] Critical Reading OR equivalent as indicated by assessment

VI. General Electives..... 0-28

Select courses 100-level or higher if needed to complete a minimum of 60 semester credits but no more than a total of 64 semester credits, which is the maximum number of credits accepted toward most degree programs at Arizona's public universities. Ideally, students should select courses that meet requirements for their major/area of interest and transfer institution. MCCCD has established recommended courses and sequencing to align with various "Emphasis Areas" in one of nine different "Fields of Interest." See maricopa.edu/degrees-certificates for links to these transfer pathways.

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/tools, maricopa.edu/degrees-certificates/transfer/pathways-partners as well as those of individual universities. For appropriate course selection, students should consult with an academic advisor.

TOTAL..... 60-64***

*FYC may be met with fewer than 6 credits if student has transfer credit from ASU, NAU or UAZ for a single course that meets FYC in full.

**(0 only if shared with HU or SB)

* 64 semester credits is the maximum accepted toward most degree programs at Arizona's public universities. Some exceptions apply; consult with an academic advisor for additional transfer information.