MARICOPA COMMUNITY COLLEGES

THE UNIVERSITY OF ARIZONA GLOBAL CAMPUS

Associate in Applied Science Artificial Intelligence and Machine Learning (3891)	to	Artificial Intelligence or Healthcare Management Emphasis

Pending receipt and evaluation of official transcripts, this program to program transfer pathway is unofficial; does not guarantee automatic acceptance of transfer credits; and is based solely on Maricopa County Community College District coursework with a grade of C- or better. Maricopa may require a different grade for successful completion. The University of Arizona Global Campus (UAGC) course applicability and availability to take additional coursework beyond the designated Maricopa degree will vary based on each student's individual transfer credit situation. We recommend students work with their UAGC Academic Advisor during their first UAGC course to ensure duplicative coursework is not scheduled pending their official transfer credit evaluation. For complete degree, residency, and transfer credit policies, please refer to the UAGC catalog. Successful completion of this UAGC program by itself does not provide licensure or certification in any state, regardless of concentration or specialization.

For questions about the University of Arizona Global Campus portion of this transfer pathway, contact **articulation@uagc.edu**.

Maricopa General Education Courses	Credits	UAGC Course Applicability / Notes
ENG 101 First-Year Composition -OR- ENG 107 First-Year Composition for ESL	3	Written Communication I Core Competency
ENG 102 First-Year Composition -OR- ENG 108 First-Year Composition for ESL	3	Written Communication II Core Competency
Mathematics (MA Gen Ed Designated Courses) *Meeting prerequisites for Maricopa MAT 22+*	0-9	Elective
MAT 220 Calculus with Analytic Geometry I -OR- MAT 221 Calculus with Analytic Geometry I	4-5	Quantitative Reasoning Core Competency
†CRE 101 College Critical Reading and Critical Thinking -OR- Equivalent as indicated by assessment	0-3	Critical Thinking Core Competency
Natural Sciences (Selective SG or SQ Gen Ed Designated Courses)	4	Scientific Reasoning Competency *(Must have a lab)*
COM 100 Intro to Human Communication -OR- COM 110 Interpersonal Communication -OR- COM 225 Public Speaking -OR- COM 230 Small Group Communication	3	Oral & Interpersonal Communication Core Competency
Humanities, Fine Arts & Design (Selective HU Gen Ed Designated Courses)	3	Ethical Reasoning Core Competency -OR- Aesthetic Awareness & Reasoning -OR- Civic Responsibility Competency
Social-Behavioral Sciences (Selective SB Gen Ed Designated Courses) †SOC 101 Introduction to Sociology -OR- *(Recommended by Maricopa)* PSY 101 Introduction to Psychology	3	Intercultural & Global Awareness Competency

Maricopa Required Courses	Credits	UAGC Course Applicability / Notes
FYE 101 Introduction to College, Career and Personal Success -OR- FYE 103 Exploration of College, Career and Personal Success	1-3	Elective
AIM 100 Introduction to Artificial Intelligence	3	Elective -OR- AIS 200 Principles of Artificial Intelligence *(Part of Artificial Intelligence and Healthcare Management Emphases)*
†CIS 105 Survey of Computer Information Systems -OR- May be waived by permission of the program director	0-3	Digital Literacy Competency
CIS 156 Python Programming: Level I	3	Elective -OR- CPT 200 Fundamentals of Programming Languages *(Part of Artificial Intelligence Emphasis)*
CIS 119DO Introduction to Oracle: SQL -OR- CIS 276DA MySQL Database -OR- CIS 276DB SQL Server Database	3	Elective
ECE 102 Engineering Analysis Tools and Techniques	2	Elective
AIM 110 Introduction to Machine Learning	3	Elective -OR- AIS 250 Introduction to Machine Learning *(Part of Artificial Intelligence Emphasis)*
ECE 103 Engineering Problem Solving and Design	2	Elective
AIM 210 Natural Language Processing	3	Elective
AIM 220 Artificial Intelligence for Computer Vision	3	Elective
AIM 230 Artificial Intelligence for Business Solutions	3	Elective
AIM 240 Artificial Intelligence Capstone Project	3	Elective -OR- *AIS 300 Principles of Data Analytics (Part of Artificial Intelligence and Healthcare Management Emphases)*
MAT 206 Elements of Statistics	3	Elective
MAT 225 Elementary Linear Algebra	3	Elective

Maricopa Restricted Electives	Credits	UAGC Course Applicability / Notes
Select a programming language from below that best aligns with academic and professional goals to complete a minimum of 60 semester credits. (CIS 150, CIS150AB, CIS 159, CIS 162++, CIS 163AA, CIS 165++, CSC 100++, -OR- CSC 110++)	3	Elective

Total Transfer Credits 61-76

Upon completion of this Maricopa degree with a minimum 2.0 cumulative GPA, students will have fulfilled all lower-division General Education requirements at UAGC.

UAGC Emphases

Emphases offered in the online modality provide students with additional opportunities to broaden and enrich their education that is distinct from and enhances a student's bachelor's program. It may be taken as a way to give a coherent pattern to elective credits, to expand career options, to prepare for graduate study, or simply to explore in greater depth an area different from one's major. An area of emphasis may be added to any UAGC bachelor's degree.

UAGC Artificial Intelligence Emphasis	Credits	Student may complete either the UAGC OR equivalent Maricopa course below:
AIS 200 Principles of Artificial Intelligence	3	AIM100 Introduction to Artificial Intelligence
AIS 250 Introduction to Machine Learning	3	AIM 110 Introduction to Machine Learning
AIS 300 Principles of Data Analytics (Upper Division)	3	AIM240 Artificial Intelligence Capstone Project
CPT 200 Fundamentals of Programming Languages	3	CIS156 Python Programming: Level I

Total UAGC Emphasis Credits 9

UAGC Healthcare Management Emphasis	Credits	Student may complete either the UAGC OR equivalent Maricopa course below:
AIS 200 Principles of Artificial Intelligence	3	AIM100 Introduction to Artificial Intelligence
AIS 300 Principles of Data Analytics (Upper Division)	3	AIM240 Artificial Intelligence Capstone Project
HIM 301 Introduction to Health Informatics (Upper Division)	3	*Must complete at UAGC.*
HCA 205 Introduction to Health Care	3	*Must complete at UAGC.*

Total UAGC Emphasis Credits 12

All UAGC courses are required unless otherwise noted. Any UAGC course prerequisites not completed in transfer are required to be fulfilled even if those prerequisites are not a requirement within the selected UAGC program. Course prerequisites are listed in the UAGC catalog.

*Lower-division transfer courses will not count towards the 30-credit upper-division requirement at UAGC.

†Preferred course to be taken at Maricopa. UAGC course is required if not taken in transfer.

Effective 07/01/2023. Certain degree programs may not be available in all states.

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