Degree Pathway

A.A.S. in Architectural Technology – Catalog Year 2023-24

The number of credits you take each year will determine when you graduate. To graduate on time, you are strongly encouraged to enroll in at least 30 credits toward your degree during the calendar year, including fall and spring semesters and winter and summer sessions. **This Degree Pathway is designed for students who place into developmental mathematics.** Additional Degree Pathways are available for students who place into other levels of mathematics. Please see the degree website or your advisor for more information.

Courses in **Bold Text** are prerequisites for later courses or only offered in the Fall or Spring semester and should be taken where indicated in the sequence.

Fall Semester #1

Courses	Credits	Prerequisites and Corequisites[1]
MA-114 College Algebra and Trigonometry for Technical Students (Required Core 1B: Mathematical and Quantitative Reasoning)	4	Pre/corequisite: Must satisfy developmental requirement in math or be co-enrolled in MA-114 ALP
MA-114 ALP College Algebra and Trigonometry for Technical Students	0 (3 eq.)	Corequisite: MA-114
ARCH-111 Architectural Design I	3	Corequisite: ARCH-119
ARCH-113 Building Technology I	3	None
ARCH-119 Visualization I	2	Corequisite: ARCH-111 or CONM-111
TECH-100 Introduction to Engineering and Technology	1	None
Total credits for the term	**13 + 3 eq.**	

Spring Semester #1

Courses	Credits	Prerequisites and Corequisites[1]
ENGL-101 English Composition I (ALP section) (Required Core 1A - English Composition)	3	Pre/corequisite: Must satisfy developmental requirement in English or be co-enrolled in BE-102
ENGL-99 Developing Competence in College Reading, Writing, & Study Skills	0 (4 eq.)	Corequisite: ENGL-101
ARCH-121 Architectural Design II	4	Prerequisite: ARCH-111 (C or better) Corequisite: ARCH-129
ARCH-123 Building Technology II	3	Prerequisite: ARCH-113 (C or better)
ARCH-129 Visualization II	2	Prerequisites: ARCH-119 (C or better)
Total credits for the term	**12 + 4 eq.**	

Summer Term

Courses	Credits	Prerequisites and Corequisites[1]
PH-201 General Physics I[3] (Required Core 1C – Life and Physical Sciences)	4	Prerequisites: MA-114 or MA-119 and MA-121
Total credits for the term	**4**	

Fall Semester #2

Courses	Credits	Prerequisites and Corequisites[1]
ENGL-102 English Composition II (Required Core 1A - English Composition)	3	Prerequisite: ENGL-101 or placement
ARCH-125 Surveying & Site Planning (Fall only)	3	Prerequisites: MA-114 (C or better)
ARCH-231 Architectural Design III (Fall only)	4	Prerequisite: ARCH-121 (C or better)
MT-341 Applied Mechanics	3	Corequisite: PH-201
One History or Social Science course from Flexible Core 2A, 2B, 2D, or 2E – (HIST-100 series, ANTH, CRIM-101 or 102, ECON, PLSC, PSYC, or SOCY)[3]	3	Check individual courses for prerequisites and corequisites
Total credits for the term	**16**	

Spring Semester #2

Courses	Credits	Prerequisites and Corequisites[1]
ARCH-237 Environmental Systems (Spring only)	3	Corequisite: ARCH-123
ARCH-241 Advanced Architectural Modeling	3	Prerequisite: ARCH-231 (C or better)
ARCH-248 Structures I (Spring only)	3	Corequisite: MT-345
MT-345 Strength of Materials	3	Prerequisite: MT-341
One History or Social Science course from Flexible Core 2A, 2B, 2D, or 2E – (HIST-100 series, ANTH, CRIM-101 or 102, ECON, PLSC, PSYC, or SOCY)[3]	3	Check individual courses for prerequisites and corequisites
Total credits for the term	**15**	
Total credits required for the A.A.S. degree	**60**	

Notes:

1. Prerequisites for a course must be passed before taking the course. Corequisites must be passed before taking the course or taken in the same term as the course.

2. Students may substitute MA-440 or MA-441 for MA-114.

3. Students are required to take particular courses in some areas of the Common Core that fulfill both general education and major requirements. If students do not take the required courses in the Common Core, they will have to take additional credits to complete their degree requirements.

All students must complete two (2) WI designated classes to fulfill degree requirements.