Mathematics

(AS.MATH) Associate in Science Degree

You might also like:

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Transfer Ready
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Mathematics prepares the student to transfer to a senior institution with a major in mathematics. This is a sample list of major requirements. Requirements vary from university to university. Consult the catalog of the intended transfer university and a counselor or academic advisor before registering.

Specific graduation requirements are identified through degree audit. Additional developmental courses in math, reading and English may be required based on placement scores.

FIRST YEAR

First Semester			Hours
☐	ENG 120	Composition I *	3
☐	MAT 241	Analytic Geometry/Calculus I *	5
☐	SPE 111	Introduction to Speech Communication	3
☐	BIO 100	Bio-science I	4
☐	PHI 290	Introduction to Logic	3
		SEMESTER TOTALS	**18**

Second Semester			
☐	ENG 121	Composition II *	3
☐	MAT 242	Analytic Geometry/Calculus II *	4
☐		Physical Science (IAI P) – PHY 140 (University Physics recommended)	3 – 4
☐		Social/Behavioral Science (IAI S)	3
☐		Fine Arts (IAI F)	3
		SEMESTER TOTALS	**16 – 17**

SECOND YEAR

First Semester			Hours
☐	MAT 151	C Programming/ Engineering Applications * †	3
☐	MAT 255	Linear Algebra * †	3
☐		Humanities *or* Fine Arts (IAI H, IAI F, *or* IAI HF)	3
☐		Social/Behavioral Science (IAI S)	3
☐		Elective	3 – 4
		SEMESTER TOTALS	**15 – 16**

Second Semester			
☐	MAT 243	Analytic Geometry/Calculus III * †††	4
☐	MAT 245	Differential Equations * †††	3
☐		Social/Behavioral Science (IAI S)	3
☐		Elective	5 – 6
		SEMESTER TOTALS	**15 – 16**

SUGGESTED ELECTIVES

☐	PHY 141	University Physics II * †	4
☐	CIS 156	Computer Logic *	3
☐	CIS 162	Object-Oriented Programming I * †††	3
☐	EDU 100	Introduction to Education	3

* There are prerequisites, course requisites or minimum placement test scores for this course
† Course only offered fall semester
††† Course only offered spring semester

See page 134 for specific general education requirements and course listings.

NOTES:_____

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