

MATHEMATICS / CIS MINOR

Fall 2016 - Summer 2018

Name: _____

I.D.#: _____

Date of First Enrollment: _____

Minor Requirements: 24 credit hours. At least 12 credits must be taken at Aquinas College and at least 2 courses must be taken through the Computer Science Department. Only courses with a grade of C- or better will count toward the minor. A cumulative GPA of 2.3 is required for the minor.

AQUINAS REQUIREMENTS

_____ MS 121 Calculus I	4.0
_____ MS 170 Technology and Math Seminar	1.0
_____ CS 180 Structure and Logic	4.0
_____ MS 240 Discrete Mathematics	3.0

TRANSFER REQUIREMENTS

<u>MATH</u> 250	_____
<u>CMIS</u> 130 OR CMIS 131	_____
_____	_____

Research Project:

_____ A 1 or 2 credit hour research project (MS/CS 399) that is supervised by a faculty member from the student's major field and uses the computer for modeling, data gathering, internet security, or data analysis.

Remaining credit hours chosen from:

_____ MS 122 Calculus II	4.0	<u>MATH</u> 251	_____
_____ MS 232 Linear Algebra	3.0	_____	_____
_____ MS 252 Statistics	3.0	_____	_____
_____ MS 309 Theory of Numbers	3.0	_____	_____
_____ MS 310 Modern Cryptography	3.0	_____	_____
_____ MS 321 Abstract Algebra	4.0	_____	_____
_____ CS 170 Principles of Operating Systems	3.0	_____	_____
_____ CS 182 Data Structures with C#	4.0	_____	_____
_____ CS 242 Database Theory	4.0	_____	_____
_____ CS 332 Installing, Configuring, and Adminis	3.0	<u>CSTC</u> 127	_____