

Bachelor of Science in Mathematics/Computer Science Guidesheet

GENERAL ED REQUIREMENTS

A. Human Culture, Physical/Nat World

Course	Grade	Credit
Two Natural Sciences: Biology, Chemistry (CHEM 111, 112), Physics (PHYS 211, 212), Geology, Astronomy (2 Labs)		
		4
		4
History of Civilization: HIST 101 or 102		
		3
Two Social/Behavioral Sciences* (2 areas)		
		3
		3
Foreign Language (2 sem of same language)		
		3-4
		3-4
Three Humanities Courses* (at least 2 areas)		
		3
		3
		3

B. Intellectual and Practical Skills

AFCI 101		1
ENGL 101**		3
ENGL 102**		3
COMM 201 or 241		3

Mathematics**

MATH 141		4
MATH 142		4
MATH 174		3

C. Personal and Social Responsibility

Americal Political Institutions (API)		
POLI 201, HIST 201 or 202		3

Inter-Curricular Enrichment Program (ICE)

Two approved events in each semester of enrollment		
For more information, see ICE Program requirements		

Three Writing Intensive Courses

(At least one in major) List:		

One 3-Credit Non-Western Wold Studies Course*

List Course:		
Satisfactory Completion of Writing Portfolio		
Submitted after 60 hrs, before applying for graduation or ENGL 201		

MAJOR REQUIREMENTS

CORE COURSES**

Course	Grade	Credit
MATH 241		4
MATH 242		4
MATH 544		3
CSCI 145		4
CSCI 146		4
CSCI 562		3
MATH or CSCI 590		3
General Track (27)		
MATH 546 or 554		3
CSCI 220		3
Other MATH, CSCI, or STAT courses numbered above 300		
		3
		3
		3
		3
		3
		3

Computer Science Track (27)

CSCI 220		3
And four of CSCI: 210, 240, 320, 330, 411, 415, 520, 521, 550		

		3
		3
		3
		3
Other MATH, CSCI, or STAT courses numbered above 300		
		3
		3
		3
		3

Electives for Either Track (10-12)

*See next page for list of qualifying courses for listed categories and for information on ICE events.

**Must earn a grade of C or better