Remaining Criteria for CBE Majors to obtain a Minor in Mathematics

Requirements—Effective Fall 2019

A minimum grade of "C" is required in all MATH, STAT and DSCI courses, including all joint-listed courses.

Additional coursework may be required due to prerequisites.

5 Additional Credits of Upper Division Mathematics Electives (300-400 level) courses [1]		
Suggested options for CBE majors	MATH 301	Introduction to Combinatorial Theory ([2]F)
	MATH 317	Advanced Calculus of One Variable
	MATH 331	Introduction to Combinatorial Theory ([2]F)
	MATH 332	Partial Differential Equations ([2]S)
	MATH 360	Mathematics of Information Security ([2]F)
	MATH 366	Introduction to Abstract Algebra
	MATH 369	Linear Algebra I
	MATH 405	Introduction to Number Theory ([2]S)
	MATH 417	Advanced Calculus ([2]F)
	MATH 418	Advanced Calculus II ([2]S)
	MATH 419	Introduction to Complex Variables ([2]F)
	MATH 430/ECE 430	Fourier and Wavelet Analysis with Apps ([2] every-other S)
	MATH 450	Introduction to Numerical Analysis I ([2]F)
	MATH 451	Introduction to Numerical Analysis II ([2]S)
	MATH 455	Mathematics in Biology and Medicine ([2]F)
	MATH 460	Information and Coding Theory ([2]S)
	MATH 466	Abstract Algebra I ([2]F)
	MATH 469	Linear Algebra II ([2]S)
	MATH 470	Euclidean and Non-Euclidean Geometry ([2]S)
	MATH 472	Introduction to Topology ([2] every-other F)
	MATH 474	Introduction to Differential Geometry ([2]F)
3-4 Credits from any MATH, STAT, CS, DSCI Upper– Division (300-400 level) courses.		
[1] Courses ending in -80 to -99 cannot be used to satisfy upper-division (300- to 400- level) requirements [2] Courses are taught in the Fall and Spring unless noted as being exclusive to one or the other		