CNSM CSULB
CALIFORNIA STATE UNIVERSITY LONG BEACH

MINOR IN MATHEMATICS
Minor Requirements Worksheet
2018-2019 Catalog

NOTE: This checklist is not intended to replace advising from the major department. Students should consult with the major advisor to determine the appropriate sequence of courses. This checklist is to inform students of major requirements and course prerequisites only; the CSULB Course Catalog takes precedence in any conflict. CSULB Enrollment Services prepares the Academic Requirements Report, which is the official graduation verification.

Before adding any minors, students must check to see if this addition will affect CSULB's Timely Graduation for Undergraduate Students policy. Under this policy, students may earn up to 120% of the number of units required for the degree in their **declared primary major**. In addition, the policy requires that a student must file a Request to Graduate form with Enrollment Services by the time the student has completed 100% of the units required for the declared primary major. Any additional degree objectives (e.g., majors, minors, certificates, etc.) must be completed within the 120% unit limit.

The minor in Mathematics is available to any student not majoring in Mathematics or Applied Mathematics.

The student must complete 24 or more semester units as follows:

Semester	Grade	Course #	Course Title	Prerequisites
		MATH 122	Calculus I (4)	Appropriate algebra/calculus placement; or MATH 111 and either MATH 112B or 113
		MATH 123	Calculus II (4)	MATH 122
		MATH 224	Calculus III (4)	MATH 123 or 222
		MATH 247	Introduction to Linear Algebra (3)	MATH 123

UPPER DIVISION

Take 9 units of upper-division MATH or STAT courses:
Including MATH 361A. The following upper-division units are excluded: MATH 303, 309, 370A, 370B, 409

Semester	Grade	Course #	Course Title	Prerequisites
		MATH 361A	Introduction to Mathematical Analysis I (3)	MATH 224; MATH 233 or 247