# MINOR IN STATISTICS
## Minor Requirements Worksheet
## 2017-2018 Catalog

*Name:* _____            *Student ID:* _____

*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. 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. For more information, see* [www.csulb.edu/registration-and-records/timely-graduation](www.csulb.edu/registration-and-records/timely-graduation).

Many prerequisites require a "C" or better, please check the catalog for grade requirements.

The minor in Statistics is available to any non-Mathematics major. The student must complete 26 or more semester units as follows:

| Semester | Grade | Course # | Course Title | Prerequisites |
|---|---|---|---|---|
| | | MATH 122 | Calculus I (4) | Appropriate MDPT placement or MATH 111 and 113, or MATH 117 |
| | | MATH 123 | Calculus II (4) | MATH 122 |
| | | MATH 224 | Calculus III (4) | MATH 123 |
| | | MATH 247 | Introduction to Linear Algebra (3) | MATH 123 |

# UPPER DIVISION

**Take ALL of the following courses:**

| Semester | Grade | Course # | Course Title | Prerequisites |
|---|---|---|---|---|
| | | MATH 380 | Probability and Statistics (3) | MATH 224 |
| | | STAT 381 | Mathematical Statistics (3) | MATH 247 *and* MATH 380 |

**Choose TWO of the following courses:**

| Semester | Grade | Course # | Course Title | Prerequisites |
|---|---|---|---|---|
| | | MATH 323 | Introduction to Numerical Analysis (4) | MATH 224, *and* a course in computer programming |
| | | STAT 410 | Regression Analysis (3) | STAT 381 |
| | | STAT 450 | Multivariate Statistical Analysis (3) | STAT 381; Pre/corequisite STAT 410 |
| | | STAT 475 | Data Analysis with SAS (3) | STAT 380 or consent of the instructor |
| | | STAT 482 | Random Processes (3) | MATH 247, and MATH 380 or STAT 380 |
| | | STAT 484 | Actuarial Science: Models (3) | STAT 380 or consent of the instructor |
| | | STAT 485 | Actuarial Science: Financial Mathematics (3) | STAT 381 |

The following upper-division units are excluded: MATH 303, 309, 370A, 370B, 409.