

Minor in STATISTICS

Minor Requirements Worksheet 2012-2013 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 minor 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 http://www.csulb.edu/depts/enrollment/graduation/bachelors/timely_grad_ugrad.html.

The minor in Statistics is available to any non-Mathematics major. The student must complete 26 or more semester units by following one of two sequences:

Sequence One (Take ALL of the following courses):

| Grade | Course # | Course Title (units in parentheses) | Semester | Prerequisites (must have a "C" or better in all courses) |
|-------|----------|-------------------------------------|----------|---|
| | MATH 122 | Calculus I (4) | | Appropriate MDPT placement or MATH 111 and 113, or MATH 117 |
| | MATH 222 | Intermediate Calculus (4) | | MATH 122 |
| | MATH 247 | Introduction to Linear Algebra (3) | | MATH 123 or 222 |
| | MATH 380 | Probability and Statistics (3) | | MATH 222 or 224 |
| | STAT 381 | Mathematical Statistics (3) | | MATH 247 and MATH 380 or STAT 380 |

Take any THREE of the following:

| Grade | Course # | Course Title (units in parentheses) | Semester | Prerequisites (must have a "C" or better in all courses) |
|-------|----------|--|----------|--|
| | MATH 323 | Introduction to Numerical Analysis (4) | | MATH 222 or 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 |
| | STAT475 | Data Analysis with SAS (3) | | STAT 380 or consent of the instructor |
| | STAT482 | Random Processes (3) | | MATH 247 and MATH 380 or STAT 380 |
| | STAT 484 | Actuarial Science: Models (3) And/Or | | STAT 380 or consent of the instructor |
| | STAT 485 | Actuarial Science: Financial Mathematics (3) | | STAT 381 |

Sequence Two (Take ALL of the following courses):

| Grade | Course # | Course Title (units in parentheses) | Semester | Prerequisites (must have a "C" or better in all courses) |
|-------|----------|-------------------------------------|----------|---|
| | 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 or 222 |
| | MATH 247 | Introduction to Linear Algebra (3) | | MATH 123 or 222 |
| | MATH 380 | Probability and Statistics (3) | | MATH 222 or 224 |
| | STAT 381 | Mathematical Statistics (3) | | MATH 247 and 380 or STAT 380 |

Take any TWO of the following courses:

| Grade | Course # | Course Title (units in parentheses) | Semester | Prerequisites (must have a "C" or better in all courses) |
|-------|----------|--|----------|--|
| | MATH 323 | Introduction to Numerical Analysis (4) | | MATH 222 or 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 |
| | STAT475 | Data Analysis with SAS (3) | | STAT 380 or consent of the instructor |
| | STAT482 | Random Processes (3) | | MATH 247, and MATH 380 or STAT 380 |
| | STAT 484 | Actuarial Science: Models (3) And/ Or | | STAT 380 or consent of the instructor |
| | STAT 485 | Actuarial Science: Financial Mathematics (3) | | STAT 381 |