Student name: ___________________________ UNM ID: ___________________________

Major: Statistics

Minor (req): ___________________________

Admitted to program on: ___________________________ as a (circle one of) FR / SO / JR / SR.

Expected date of graduation: ___________________________

Student’s interests: ___________________________

<table>
<thead>
<tr>
<th>Completed Courses</th>
<th>Sem</th>
<th>Grade</th>
<th>Instructor</th>
<th>Pre-approved substitutions</th>
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<tbody>
<tr>
<td>Math 1350 (Stat 145) Intro Stats</td>
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<td>Math 1512 (162) Calc 1</td>
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<td>Math 1522 (163) Calc 2</td>
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<td>Math 2531 (264) Calc 3</td>
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<td>Computing course at the level of ENG130L, CS 152L, PHYS 2415, or ECE 131L #1</td>
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<td>Math 314 or 321 Lin Algebra</td>
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<td>Stat 345 Elem Probability</td>
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<tr>
<td>Stat 427 Advanced Data Analysis I</td>
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<td>Stat 428 Advanced Data Analysis II</td>
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<td>Stat 440 Regression Analysis</td>
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<td>Stat 445 Analysis of Variance and Experimental Design</td>
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<tr>
<td>Six hours from STAT 250 - 499 (see Note 1) #1</td>
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<td>Six hours 250+ (Stat courses)</td>
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Requirements

- Complete all of the following
  - Complete the following:
    - **MATH1350** - Introduction to Statistics (3)
    - **MATH1512** - Calculus I (4)
    - **MATH1522** - Calculus II (4)
- **MATH2531** - Calculus III (4)

  o Complete at least 1 of the following:
    - **MATH314** - Linear Algebra with Applications (3)
    - **MATH321** - Linear Algebra (3)

  o Knowledge of an intro computing language.

  o Complete the following:
    - **STAT345** - Elements of Mathematical Statistics and Probability Theory (3)
    - **STAT427** - Advanced Data Analysis I (3)
    - **STAT428** - Advanced Data Analysis II (3)
    - **STAT440** - Regression Analysis (3)
    - **STAT445** - Analysis of Variance and Experimental Design (3)

  o Earned at least 6 credits from STAT 250 - 499

  o Earn at least 6 credits from the following types of courses:

    Enrichment courses: At least 6 additional credit hours of courses numbered 300 or higher and approved by the student's undergraduate advisor. These can be taken in an appropriate discipline of the student's choice, for example: anthropology, biology, business, chemistry, computer science, economics, engineering, mathematics, psychology, and statistics. These courses may overlap with the student's minor.

    o For students interested in a career in actuarial science, preparation for the first actuarial exam consists of the courses MATH 1512, 1522, 2531, (**314 or **321). Preparation for the second actuarial exam consists of STAT 453, 461.

    o Students planning on pursuing a graduate degree in Statistics are encouraged to take MATH **321 and 401.

    o Earn at least 79 credits from the following types of courses:

      Completed at least 79 credits. In addition to the program-specific requirements outlined here, all undergraduate students are required to fulfill UNM’s General Education Program requirements. In some instances, courses included in an undergraduate degree program’s requirement may also fulfill a General Education requirement. Please review the General Education Program in this Catalog for General Education information.

      Students within the College of Arts and Sciences must also complete 1) a major and a minor; or 2) two majors; or 3) one of the special curricula of the College that requires no minor.

Reference: [https://catalog.unm.edu/catalogs/2023-2024/#/programs/S17aQlm9s5?bc=true&bcCurrent=Bachelor%20of%20Science%20in%20Statistics&bcGroup=Mathematics%20&26%20Statistics&bcItemType=programs](https://catalog.unm.edu/catalogs/2023-2024/#/programs/S17aQlm9s5?bc=true&bcCurrent=Bachelor%20of%20Science%20in%20Statistics&bcGroup=Mathematics%20&26%20Statistics&bcItemType=programs)

Notes:
2. For students interested in a career in actuarial science, preparation for the first actuarial exam consists of the courses MATH 1512, 1522, 2530/31 and (314 or 321). Preparation for the second actuarial exam consists of the courses STAT 453 and 461.
3. Students planning on pursuing a graduate degree in Statistics are encouraged to take MATH 321 and 401.
Advisement History:

<table>
<thead>
<tr>
<th>Date</th>
<th>Advised by</th>
<th>Semester</th>
<th>Recommended courses for semester</th>
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- Complete all of the following
  - Minor in Statistics: Requirements for the Mathematics Major
  - Complete the following:
    - MATH1350 - Introduction to Statistics (3)
    - STAT345 - Elements of Mathematical Statistics and Probability Theory (3)
    - STAT427 - Advanced Data Analysis I (3)
    - STAT428 - Advanced Data Analysis II (3)
    - MATH2531 - Calculus III (4)
  - Earned at least 3 credits from STAT 300 - 499

Minor in Statistics
One year of calculus: MATH 1350, (1430 and 1440) or (1512 and 1522); STAT **345, 427, 428; an additional 3 credit hours of mathematics or statistics in courses numbered 250 and above. The Credit/No Credit grade option may not be used for minor study and the grades in all mathematics and statistics courses must be "C" (not "C-") or better.

Minor in Statistics: Requirements for the Mathematics Major
MATH 1350 and 2531; STAT **345, 427, 428; an additional 3 credit hours of Statistics in courses numbered 300 and above. All 12 credit hours in courses 300-level and above must be in courses labeled STAT. The Credit/No Credit grade option may not be used for minor study and the grades in all statistics courses must be a "C" (not "C-") or better.