

Romero Tenorio, Geraldine

PROGRAM CODE: 2BSCIMATH ASIN

CATALOG YEAR: 202220

Bachelor of Science - Mathematics - Actuarial Science &amp; Insurance

College of Arts &amp; Sciences

**AT LEAST ONE REQUIREMENT HAS NOT BEEN SATISFIED**

\*\*\*\*\* NEW MEXICO STATE UNIVERSITY STAR REPORT \*\*\*\*\*

This student academic requirements (STAR) report is a planning tool and is not a contract between the student and the university. This report has been designed to assist you with planning courses to complete degree requirements. Every effort has been made to ensure its accuracy; however, final confirmation of degree requirements is subject to department, college and university approval. Students must apply for degrees within deadline dates for the semester in which they anticipate to graduate. If you have questions about your degree audit, please contact your academic advisor.

**NO****Minimum Grade Point Average and Credit Hour Requirements**

Your Bachelor's degree requires a minimum of 120 completed degree hours, a minimum GPA of 2.00 in all course work, and completing at least 30 of the last 36 hours at NMSU.

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Cumulative grade point average

3.618 GPA

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Total degree hours earned (excludes remedial courses, applied courses beyond 9 credits, and PE activity courses beyond 9 credits). Total hours needed may be greater than the minimum needed to reach 120.

91.0 CREDITS

IN-P--&gt;

15.0 CREDITS

NEEDS:

14.0 CREDITS

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Upper-division courses: Student must complete 48 hours between the 300-499 or 3000-4999 level. Total upper- division hours needed may be greater than the minimum needed to reach 48.

18.0 CREDITS

IN-P--&gt;

12.0 CREDITS

**NEEDS:** 18.0 CREDITS

English Basic Skills Requirement - satisfied.

Mathematics Basic Skills Requirement - satisfied.

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**OK** General Education Requirements Area I (9-10 Credits)  
Communications

- + Complete three credits of English Composition - Level 1 with a grade of C or better.

| Term | Course    | Credits | Grade | Title                        |
|------|-----------|---------|-------|------------------------------|
| 23SP | ENGL1110M | 4.0     | A+    | COMPOSITION I MULTICULI/INTL |

- + Complete three credits of English Composition - Level 2

| Term | Course    | Credits | Grade | Title                         |
|------|-----------|---------|-------|-------------------------------|
| 23FA | ENGL2210M | 3.0     | A     | PROF AND TECH COMM MULTILINGU |

- + Complete three credits of Oral Communication.

| Term | Course    | Credits | Grade | Title                         |
|------|-----------|---------|-------|-------------------------------|
| 24SP | COMM1115G | 3.0     | A+    | INTRODUCTION TO COMMUNICATION |

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**OK** General Education Requirements Area II (3-4 Credits)  
Mathematics

- + Complete 3-4 credits of college level Mathematics or higher.

| Term | Course    | Credits | Grade | Title           |
|------|-----------|---------|-------|-----------------|
| 23FA | MATH1250G | 4.0     | A     | TRIG & PRE-CALC |

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**OK** General Education Requirements Area III & IV  
(10-11 Credits)  
Laboratory Sciences and Social/Behavioral Sciences  
One course needs to be completed from each area for a total of 7 credits. The additional course can be completed from either area of your selection.

- + Laboratory Sciences.

| Term | Course    | Credits | Grade | Title                         |
|------|-----------|---------|-------|-------------------------------|
| 24FA | CHEM1120G | 4.0     | B     | INTRO CHEM LEC+LAB (NON-MAJOR |

- + Social/Behavioral Sciences.

| Term | Course    | Credits | Grade | Title                     |
|------|-----------|---------|-------|---------------------------|
| 23FA | ECON2120G | 3.0     | A     | MICROECONOMICS PRINCIPLES |

- + Complete 3-4 credits of Laboratory Sciences or Social/Behavioral Science.

| Term | Course    | Credits | Grade | Title                    |
|------|-----------|---------|-------|--------------------------|
| 23SP | ECON2110G | 3.0     | A+    | MACROECONOMIC PRINCIPLES |

**OK** General Education Requirements Area V (3 Credits)  
Humanities

+ Humanities.

| Term | Course    | Credits | Grade | Title               |
|------|-----------|---------|-------|---------------------|
| 24SP | PHIL1115G | 3.0     | A     | INTRO TO PHILOSOPHY |

**OK** General Education Requirements Area VI (3 Credits)  
Creative and Fine Arts

+ Creative and Fine Arts.

| Term | Course    | Credits | Grade | Title              |
|------|-----------|---------|-------|--------------------|
| 23SP | DANC1110G | 3.0     | A+    | DANCE APPRECIATION |

**OK** General Education Electives (3-4 Credits)

+ Complete any additional 3-4 credit course with the 'G' distinction that exceeds the minimum requirement above excluding Area I: Communications and any crosslisted courses.

| Term | Course    | Credits | Grade | Title           |
|------|-----------|---------|-------|-----------------|
| 23SP | MATH1220G | 3.0     | A-    | COLLEGE ALGEBRA |

**IP** Viewing a Wider World Requirement  
Take two courses (six credits) from separate colleges from the Viewing a Wider World list in the current Catalog (courses are designated with a V). VWW courses will not be retroactively applied to older catalogs/audits.

\* One of the two courses must be in a college other than your own.

\* Both courses must be in a different department from the major department; must not be cross-listed with a course in the home department; cannot be counted as one of the requirements for the major.

Alternative completion can be done with Study Abroad Experience, Military Experience, or the 9-credit rule. (please see the Viewing a Wider World page in the Catalog for details)

+ College of Agricultural, Consumer and Environmental Sciences.

| Term | Course   | Credits | Grade | Title                |
|------|----------|---------|-------|----------------------|
| 25FA | ANSC351V | 3.0     | IP    | AGRICULTURAL ANIMALS |

+ College of Business

| Term | Course   | Credits | Grade | Title                       |
|------|----------|---------|-------|-----------------------------|
| 24FA | BLAW385V | 3.0     | B+    | EMPLOYMENT AND CONSUMER LAW |

FOR THE BS IN CHEMISTRY, BIOCHEMISTRY, COMPUTER SCIENCE, CYBERSECURITY, MATHEMATICS - APPLIED MATHEMATICS EMPHASIS, MATHEMATICS - ACTUARIAL SCIENCE AND INSURANCE, MATHEMATICS - SECONDARY EDUCATION, MATHEMATICS - FOUNDATIONS MATHEMATICS - GENERAL MATHEMATICS, MATHEMATICS - PROBABILITY AND STATISTICS. THERE IS NO SECOND LANGUAGE REQUIREMENT.

COURSES IN THE MAJOR: A grade of C or better is required in all departmental and non-departmental requirements.

IP Mathematics Core Dept Requirements

+ Complete MATH 1511G.

| Term | Course    | Credits | Grade | Title      |
|------|-----------|---------|-------|------------|
| 24SP | MATH1511G | 4.0     | A     | CALCULUS I |

+ Complete MATH 1521G.

| Term | Course    | Credits | Grade | Title       |
|------|-----------|---------|-------|-------------|
| 24FA | MATH1521G | 4.0     | C     | CALCULUS II |

+ Complete MATH 1531.

| Term | Course   | Credits | Grade | Title                |
|------|----------|---------|-------|----------------------|
| 25SP | MATH1531 | 3.0     | B-    | INTRO TO HIGHER MATH |

+ Complete MATH 2415.

| Term | Course   | Credits | Grade | Title                   |
|------|----------|---------|-------|-------------------------|
| 25FA | MATH2415 | 3.0     | IP    | INTRO TO LINEAR ALGEBRA |

+ Complete MATH 2530G.

| Term | Course    | Credits | Grade | Title        |
|------|-----------|---------|-------|--------------|
| 25SP | MATH2530G | 3.0     | C     | CALCULUS III |

Any special topics course in MATH or STAT must be approved by the department for credit towards the major. MATH 300, 313, 400, 459 and STAT 400 may not be used.

NO Actuarial Science & Insurance - Emphasis Requirements

- Complete MATH 3110 or MATH 3120.

+ Complete STAT 3110.

| Term | Course   | Credits | Grade | Title            |
|------|----------|---------|-------|------------------|
| 25SP | STAT3110 | 3.0     | A     | STAT-ENGR/SCNTST |

+ Complete STAT 4210.

| Term | Course   | Credits | Grade | Title                 |
|------|----------|---------|-------|-----------------------|
| 25FA | STAT4210 | 3.0     | IP    | PROBABILITY: THRY/APP |

- Complete STAT 4220.

- Take nine credits of MATH or STAT of which six credits should be 400 or above

| Term | Course   | Credits | Grade | Title              |
|------|----------|---------|-------|--------------------|
| 25FA | MATH3160 | 3.0     | IP    | INTRO ORD DIFF EQS |

**SELECT FROM:** MATH3\*\*, 4\*\* STAT3\*\*, 4\*\*

Complete one of the following three options.

+ Option 3: Complete BFIN 326 and two of the following.  
BFIN 303V or BFIN 452, BFIN 323, BFIN 324 or BFIN 391

| Term | Course   | Credits | Grade | Title                    |
|------|----------|---------|-------|--------------------------|
| 24FA | BFIN326  | 3.0     | A+    | BUSINESS RISK MGT        |
| 25SP | BFIN303V | 3.0     | A     | PRSNL FIN PLN/INVST GLBL |
| 25SP | BFIN324  | 3.0     | A+    | PROPERTY & LIABILITY INS |

## IP

### Actuarial Science & Insurance - Non-Dept Requirement

+ Complete ACCT 2110.

| Term | Course   | Credits | Grade | Title                |
|------|----------|---------|-------|----------------------|
| 23FA | ACCT2110 | 3.0     | A+    | PRINCIPLES OF ACCT I |

+ Complete ACCT 2120.

| Term | Course   | Credits | Grade | Title                 |
|------|----------|---------|-------|-----------------------|
| 24SP | ACCT2120 | 3.0     | B     | PRINCIPLES OF ACCT II |

+ Complete BLAW 316 or BLAW 385V.

| Term | Course   | Credits | Grade | Title                       |
|------|----------|---------|-------|-----------------------------|
| 24FA | BLAW385V | 3.0     | B+    | EMPLOYMENT AND CONSUMER LAW |

+ Complete ECON 2110G. Note: Course may be used in General Area III/IV.

| Term | Course    | Credits | Grade | Title                    |
|------|-----------|---------|-------|--------------------------|
| 23SP | ECON2110G | 3.0     | A+    | MACROECONOMIC PRINCIPLES |

+ Complete ECON 2120G. Note: Course may be used in General Area III/IV.

| Term | Course    | Credits | Grade | Title                     |
|------|-----------|---------|-------|---------------------------|
| 23FA | ECON2120G | 3.0     | A     | MICROECONOMICS PRINCIPLES |

+ Complete BFIN 322.

| Term | Course  | Credits | Grade | Title              |
|------|---------|---------|-------|--------------------|
| 24SP | BFIN322 | 3.0     | A+    | PRINS OF INSURANCE |

+ Complete BFIN 341.

| Term | Course  | Credits | Grade | Title               |
|------|---------|---------|-------|---------------------|
| 25FA | BFIN341 | 3.0     | IP    | FIN ANALYSIS & MKTS |

+ Complete CSCI 1720.

| Term | Course  | Credits | Grade | Title  |
|------|---------|---------|-------|--|
| 23FA | C S 172 | 4.0     | C     | COMPUTER SCIENCE I<br>CONVERTED TO: CSCI1720 |

Mathematics courses completed with C or better. Excludes course not used toward the major (see above).

Courses counted as lower division:

| Term | Course    | Credits | Grade | Title                   |
|------|-----------|---------|-------|-------------------------|
| 22FA | MATH1215  | 3.0     | A     | INTERMEDIATE ALGEBRA    |
| 23SP | MATH1220G | 3.0     | A-    | COLLEGE ALGEBRA         |
| 23FA | MATH1250G | 4.0     | A     | TRIG & PRE-CALC         |
| 24SP | MATH1511G | 4.0     | A     | CALCULUS I              |
| 24FA | MATH1521G | 4.0     | C     | CALCULUS II             |
| 25SP | MATH1531  | 3.0     | B-    | INTRO TO HIGHER MATH    |
| 25SP | MATH2530G | 3.0     | C     | CALCULUS III            |
| 25FA | MATH2415  | 3.0     | IP    | INTRO TO LINEAR ALGEBRA |

Courses counted as upper division:

| Term | Course   | Credits | Grade | Title                 |
|------|----------|---------|-------|-----------------------|
| 25SP | STAT3110 | 3.0     | A     | STAT-ENGR/SCNTST      |
| 25FA | MATH3160 | 3.0     | IP    | INTRO ORD DIFF EQS    |
| 25FA | STAT4210 | 3.0     | IP    | PROBABILITY: THRY/APP |

Courses used to bring credits to 120 hours

+ Complete 25 credits of electives.

| Term | Course    | Credits | Grade | Title  |
|------|-----------|---------|-------|--|
| 22FA | BUSA1110  | 3.0     | A     | INTRO TO BUSINESS                            |
| 22FA | ENGL1105M | 3.0     | A     | INT ESL COMP/GRAM REV                        |
| 22FA | MATH1215  | 3.0     | A     | INTERMEDIATE ALGEBRA                         |
| 23SP | BCIS1110  | 3.0     | A     | INTRO TO INFORMATION SYSTEMS                 |
| 23FA | ACCT2110  | 3.0     | A+    | PRINCIPLES OF ACCT I                         |
| 23FA | C S 172   | 4.0     | C     | COMPUTER SCIENCE I<br>CONVERTED TO: CSCI1720 |
| 24SP | ACCT2120  | 3.0     | B     | PRINCIPLES OF ACCT II                        |
| 24SP | BFIN322   | 3.0     | A+    | PRINS OF INSURANCE                           |

Courses in Excess of Specific Requirements

| Term | Course   | Credits | Grade | Title              |
|------|----------|---------|-------|--------------------|
| 22FA | FYEX1131 | 1.0     | A+    | PRNL LRNG SKILLS I |
| 22FA | MATH1217 | 1.0     | S     | GEN SUPPL INSTR I  |
| 24FA | FYEX1117 | 2.0     | A+    | FINANCIAL LITERACY |

Developmental courses

Courses count in GPA but not towards degree requirements.

| Term | Course    | Credits | Grade | Title             |
|------|-----------|---------|-------|-------------------|
| 22FA | CCDM114 N | 4.0     | A     | {N ALGEBRA SKILLS |

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===== *      LEGEND      *=====
DEGREE AUDIT CODES:
NO  REQUIREMENT NOT COMPLETE      {R   REPEAT - GRADE IN GPA
OK  REQUIREMENT COMPLETE          {X   REPEAT - GRADE NOT IN GPA
IP  REQUIREMENT IN PROGRESS       {P   PLANNED COURSE GRADE IN GPA
+   SUB-REQUIREMENT COMPLETE    < {A ADJUSTED CREDIT OPTION
-   SUB-REQUIREMENT NOT COMPLETE {S   COURSE SPLIT
IN-P---> IN-PROGRESS SUMMARY      { * REPEAT - IN-PROGRESS
{N DEVELOPMENTAL COURSE-GRADE IN GPA
=====
===== *   THIS AUDIT IS SUBJECT TO ADMINISTRATIVE APPROVAL   *=====
AND ASSUMES IN-PROGRESS COURSES WILL BE COMPLETED SUCCESSFULLY
=====
NMSU LEGEND

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\*\*\*\*\* END OF ANALYSIS \*\*\*\*\*