

MATHEMATICS

MATHEMATICS – AS DEGREE PLAN

PROGRAM INFORMATION: The transfer curriculum shown below is designed for students who plan to pursue a degree in mathematics at a senior college or university after completing their studies at Navarro College. The Associate in Science Degree with a specialization in mathematics will be awarded to students who fulfill the general requirements for the degree and complete MATH 2413, MATH 2414, and two of the following courses: MATH 1316, MATH 2320, MATH 2315, MATH 2318, MATH 1342, or MATH 2412.

FRESHMAN YEAR - FALL

| COURSE SECTION | COURSE TITLE | CREDIT HOURS |
|---------------------------------------|---|--------------|
| ENGL 1301 | Composition I | 3 |
| HIST 1301 | United States History I | 3 |
| MATH 2412 OR X3XX OR X4XX | Pre-Calculus Math OR Approved Math OR Approved Math | 3, 4 |
| COSC 1301 | Introduction to Computing | 3 |
| SPCH 1315 | Public Speaking | 3 |
| Fall Total Credit Hours | | 15, 16 |

FRESHMAN YEAR - SPRING

| COURSE SECTION | COURSE TITLE | CREDIT HOURS |
|---------------------------|----------------------------|--------------|
| ENGL 1302 | Composition II | 3 |
| HIST 1302 | United States History II | 3 |
| MATH 2413 | Calculus I | 4 |
| PHIL 1301 | Introduction to Philosophy | 3 |
| XXXX | Approved Elective | 3 |
| Spring Total Credit Hours | | 16 |

SOPHOMORE YEAR - FALL

| COURSE SECTION | COURSE TITLE | CREDIT HOURS |
|---|---|--------------|
| GOVT 2305 | Federal Government | 3 |
| PHYS 2425 OR BIOL 1406 OR CHEM 1411 | University Physics I OR Biology for Science Majors OR General Chemistry I | 4 |
| SOCI 1301 OR PSYC 2301 | Introduction to Sociology OR General Psychology | 3 |
| MATH 2414 | Calculus II | 4 |
| XXXX | Approved Elective | 2 |
| Fall Total Credit Hours | | 16 |

SOPHOMORE YEAR - SPRING

| COURSE SECTION | COURSE TITLE | CREDIT HOURS |
|----------------|------------------|--------------|
| GOVT 2306 | Texas Government | 3 |

| COURSE SECTION | COURSE TITLE | CREDIT HOURS |
|---|--|--------------|
| BIOL 1407 OR CHEM 1412 OR PHYS 2426 | Biology for Science Majors II OR General Chemistry II OR University Physics II | 4 |
| ARTS 1301 OR MUSI 1306 | Art Appreciation OR Music Appreciation | 3 |
| X3XX OR X4XX | Approved Math OR Approved Math | 3, 4 |
| Spring Total Credit Hours | | 13, 14 |
| Program Total Credit Hours | | 60 |

MATH 2413 and MATH 2414 are required. Additional two math classes may be any of the following: MATH 1316, MATH 1342, MATH 2318, MATH 2320, MATH 2412, or MATH 2315/2415. Some universities require the PHYS 2425 / PHYS 2426 sequence in addition to a sequence in BIOL or CHEM.

This is a sample degree plan; students should consult catalog of senior institution they plan to attend since some requirements vary. Counselors are available to assist in this matter.