

A1040F
Associate in Science
Pre-Major Mathematics Education

General Education

| Required Courses | | | Class | Lab | Clinic/Exp | Credits |
|---|-----|---------------------|-------|-----|------------|---------|
| <i>Students must take all of the following courses:</i> | | | | | | |
| ENG | 111 | Expository Writing | 3 | 0 | 0 | 3 |
| PHY | 251 | General Physics I | 3 | 3 | 0 | 4 |
| PHY | 252 | General Physics II | 3 | 3 | 0 | 4 |
| PSY | 150 | General Psychology | 3 | 0 | 0 | 3 |
| PSY | 241 | Developmental Psych | 3 | 0 | 0 | 3 |
| MAT | 175 | Precalculus | 4 | 0 | 0 | 4 |
| MAT | 271 | Calculus I | 3 | 2 | 0 | 4 |
| MAT | 272 | Calculus II | 3 | 2 | 0 | 4 |

English Composition

Students must select a course from the following:

| | | | | | | |
|-----|-----|---------------------------|---|---|---|---|
| ENG | 112 | Argument-Based Research | 3 | 0 | 0 | 3 |
| ENG | 113 | Literature-Based Research | 3 | 0 | 0 | 3 |
| ENG | 114 | Prof Research & Reporting | 3 | 0 | 0 | 3 |

Humanities/Fine Arts

Students must select 9 hours from the following courses:

| | | | | | | |
|-----|-----|-------------------------------|---|---|---|---|
| ART | 111 | Art Appreciation | 3 | 0 | 0 | 3 |
| COM | 110 | Introduction to Communication | 3 | 0 | 0 | 3 |
| COM | 120 | Intro Interpersonal Com | 3 | 0 | 0 | 3 |
| COM | 231 | Public Speaking | 3 | 0 | 0 | 3 |
| DRA | 111 | Theatre Appreciation | 3 | 0 | 0 | 3 |
| DRA | 122 | Oral Interpretation | 3 | 0 | 0 | 3 |
| DRA | 126 | Storytelling | 3 | 0 | 0 | 3 |
| ENG | 131 | Introduction to Literature | 3 | 0 | 0 | 3 |
| ENG | 231 | American Literature I | 3 | 0 | 0 | 3 |
| ENG | 232 | American Literature II | 3 | 0 | 0 | 3 |
| ENG | 241 | British Literature I | 3 | 0 | 0 | 3 |
| ENG | 242 | British Literature II | 3 | 0 | 0 | 3 |
| ENG | 243 | Major British Writers | 3 | 0 | 0 | 3 |
| ENG | 261 | World Literature I | 3 | 0 | 0 | 3 |
| ENG | 262 | World Literature II | 3 | 0 | 0 | 3 |
| FRE | 111 | Elementary French I | 3 | 0 | 0 | 3 |
| FRE | 112 | Elementary French II | 3 | 0 | 0 | 3 |
| FRE | 211 | Intermediate French I | 3 | 0 | 0 | 3 |
| FRE | 212 | Intermediate French II | 3 | 0 | 0 | 3 |
| GER | 111 | Elementary German I | 3 | 0 | 0 | 3 |
| GER | 112 | Elementary German II | 3 | 0 | 0 | 3 |
| GER | 211 | Intermediate German I | 3 | 0 | 0 | 3 |
| GER | 212 | Intermediate German II | 3 | 0 | 0 | 3 |
| HUM | 110 | Technology and Society | 3 | 0 | 0 | 3 |
| HUM | 115 | Critical Thinking | 3 | 0 | 0 | 3 |
| HUM | 120 | Cultural Studies | 3 | 0 | 0 | 3 |
| HUM | 121 | The Nature of America | 3 | 0 | 0 | 3 |

| | | | | | | |
|-----|-----|--------------------------|---|---|---|---|
| HUM | 130 | Myth in Human Culture | 3 | 0 | 0 | 3 |
| HUM | 150 | American Womens Studies | 3 | 0 | 0 | 3 |
| HUM | 160 | Introduction to Film | 2 | 2 | 0 | 3 |
| HUM | 220 | Human Values and Meaning | 3 | 0 | 0 | 3 |
| ITA | 111 | Elementary Italian I | 3 | 0 | 0 | 3 |
| ITA | 112 | Elementary Italian II | 3 | 0 | 0 | 3 |
| ITA | 211 | Intermediate Italian I | 3 | 0 | 0 | 3 |
| ITA | 212 | Intermediate Italian II | 3 | 0 | 0 | 3 |
| MUS | 110 | Music Appreciation | 3 | 0 | 0 | 3 |
| MUS | 112 | Introduction to Jazz | 3 | 0 | 0 | 3 |
| MUS | 210 | History of Rock Music | 3 | 0 | 0 | 3 |
| MUS | 211 | History of Country Music | 3 | 0 | 0 | 3 |
| PHI | 215 | Philosophical Issues | 3 | 0 | 0 | 3 |
| PHI | 240 | Introduction to Ethics | 3 | 0 | 0 | 3 |
| REL | 110 | World Religions | 3 | 0 | 0 | 3 |
| REL | 211 | Intro to Old Testament | 3 | 0 | 0 | 3 |
| REL | 212 | Intro to New Testament | 3 | 0 | 0 | 3 |
| REL | 221 | Religion in America | 3 | 0 | 0 | 3 |
| RUS | 111 | Elementary Russian I | 3 | 0 | 0 | 3 |
| RUS | 112 | Elementary Russian II | 3 | 0 | 0 | 3 |
| RUS | 211 | Intermediate Russian I | 3 | 0 | 0 | 3 |
| RUS | 212 | Intermediate Russian II | 3 | 0 | 0 | 3 |
| SPA | 111 | Elementary Spanish I | 3 | 0 | 0 | 3 |
| SPA | 112 | Elementary Spanish II | 3 | 0 | 0 | 3 |
| SPA | 211 | Intermediate Spanish I | 3 | 0 | 0 | 3 |
| SPA | 212 | Intermediate Spanish II | 3 | 0 | 0 | 3 |

Social/Behavioral Science-History

Students must select a course from the following:

| | | | | | | |
|-----|-----|-------------------------|---|---|---|---|
| HIS | 121 | Western Civilization I | 3 | 0 | 0 | 3 |
| HIS | 122 | Western Civilization II | 3 | 0 | 0 | 3 |
| HIS | 131 | American History I | 3 | 0 | 0 | 3 |
| HIS | 132 | American History II | 3 | 0 | 0 | 3 |

Core

Required Courses

Students must take all of the following courses:

| | | | | | | |
|-----|-----|--------------------------|---|---|---|---|
| EDU | 216 | Foundations of Education | 4 | 0 | 0 | 4 |
| MAT | 273 | Calculus III | 3 | 2 | 0 | 4 |
| ACA | 122 | College Transfer Success | 1 | 0 | 0 | 1 |

Other Required Hours

Students must select a course from the following:

| | | | | | | |
|-----|-----|------------------------|---|---|---|---|
| MAT | 280 | Linear Algebra | 3 | 0 | 0 | 3 |
| MAT | 285 | Differential Equations | 3 | 0 | 0 | 3 |

Other Required Hours-Computer

Students must select a course from the following:

| | | | | | | |
|-----|-----|------------------|---|---|---|---|
| CSC | 134 | C++ Programming | 2 | 3 | 0 | 3 |
| CSC | 151 | JAVA Programming | 2 | 3 | 0 | 3 |

Other Required Hours-Social/Behavioral Science

Students must select a course from the following:

| | | | | | | |
|-----|-----|---------------------------|---|---|---|---|
| POL | 120 | American Government | 3 | 0 | 0 | 3 |
| PSY | 281 | Abnormal Psychology | 3 | 0 | 0 | 3 |
| SOC | 210 | Introduction to Sociology | 3 | 0 | 0 | 3 |

Other Required Hours-Humanities/Fine Arts

Students must select a course from the following:

| | | | | | | |
|-----|-----|------------------------|---|---|---|---|
| PHI | 215 | Philosophical Issues | 3 | 0 | 0 | 3 |
| PHI | 240 | Introduction to Ethics | 3 | 0 | 0 | 3 |
| REL | 110 | World Religions | 3 | 0 | 0 | 3 |

*** C O M M E N T S ***

Notes:

At least one (1) humanities course must be a literature selected from ENG 231, ENG 232, ENG 241, ENG 242, ENG 261, or ENG 262.

At least one (1) humanities course must be a communications course selected from COM 110, COM 120, or COM 231.

Other Required Hours choices may be selected from the general education core courses listed in this program of study.

ACA courses are limited to one.

All college transfer student MUST take ACA 122 in the first semester.

Other Required Hours choices may be selected from the general education core courses listed in this program of study.

Total Credit Hours: 65

Forsyth Technical Community College
AS Pre-Major Mathematics Edu A1040F
2011*03 (fall 2011)