

GENERAL EDUCATION / PREREQUISITE CHEAT SHEET BY MAJOR

In an effort to help students maximize their degree requirements, **the courses listed below each major are the 'short cut' courses in general education as well as suggested Math Pathway courses encouraged for their degree.** This list simply calls to attention particular courses the students would need to complete or gives guidance to the advisors when providing advisement for students who know what major they are pursuing. This is not an exhaustive list of general education requirements but a useful guide.

Accounting Major, B.B.A.

MATH 1523 Functions and Change
ECON 2213 Microeconomics
IS 1003 Computers in Modern Society (or if computer proficient reserve 2nd part of Life Skills for IS Course in Major)

American Indian Studies Major, B.A.

MATH 1473 Applied Math
ANTH 2223 Intro to American Indian Studies
CHER 1113 Elementary Cherokee I (can be used as major elective)

Applied Physics Major, B.S.

MATH 2614 Calculus I (Act Score of a 26 allows this) otherwise MATH 1513 College Algebra
PHYS 2115 Applied Physics
Reserve 2nd part of Life Skills for CS 2014

Art Education Major, B.A.Ed.

MATH 1473 Applied Math
PSYC 1113 Intro to Psychology
Reserve 2nd part of Life Skills for Performance Based Art course requirement (and EDUC 4823 Emerging Technologies)
One course in foreign Language required

Art Major/Minor, B.F.A.

MATH 1473 Applied Math
Reserve 2nd part of Life Skills for Performance Based Art course

Business Administration Major, B.B.A.

MATH 1523 Functions and Change
ECON 2213 Microeconomics (Encouraged to take 2nd semester after Math)
IS 1003 Computers in Modern Society (or if computer proficient reserve 2nd part of Life Skills for IS Course in Major)

Cell and Molecular Biology Major, B.S.

MATH 1513 College Algebra (or higher)
BIOL 1013 Intro Biology I and 1011 Intro Biology I Lab
CHEM 1123 Chemistry I Lecture and 1131 Chemistry I Lab

Chemistry Major, B.S.

MATH 1513 College Algebra (or higher)
BIOL 1013 Intro Biology I and 1011 Intro Biology I Lab
CHEM 1123 Chemistry I Lecture and 1131 Chemistry I Lab

Cherokee Cultural Studies Major, B.A.

MATH 1473 Applied Math
CHER 1113 Elementary Cherokee I
CHER 1123 Elementary Cherokee II

Cherokee Education Major B.A.Ed.

MATH 1473 Applied Math
CHER 1113 Elementary Cherokee I
CHER 1123 Elementary Cherokee II
PSYC 1113 Intro to Psychology
EDUC 4823 Emerging Technologies

Communication Studies Major, B.A.

MATH 1313 Elementary Statistics
COMM 2213 Public Speaking
COMM 2543 Intercultural Communication

Computer Science Major, B.S.

MATH 1513 College Algebra
If HS courses grant computer proficiency or student passes computer proficiency test, reserve 2nd part of Life Skills for CS course in major

Criminal Justice Major, B.S.

MATH 1473 Applied Math

Cyber Security Major, B.S.

MATH 1523 Functions and Change
Reserve 2nd part of Life Skills for CS 2014 Computer Science I

Drama Major, B.A.

MATH 1473 Applied Math
DRAM 2763 Theatre Appreciation
DRAM 2843 Film Appreciation
Reserve 2nd part of Life Skills for DRAM Course in Major

Early Childhood Education Major, B.S.Ed.

MATH 1313 Elementary Statistics (Start with this course to work towards 12 hours)
4 HRS OF BIOL
4 HRS OF SCI
EDUC 4823 Emerging Technologies
ENGL 2113 Intro to Literature
GEOG 2253 World Regional Geography
One Course in Foreign Language
PSYC 1113 Intro to Psychology

Elementary Education Major, B.S.Ed.

MATH 1313 Elementary Statistics (Start with this course to work towards 12 hours)
4 HRS OF BIOL
4 HRS OF SCI
EDUC 4823 Emerging Technologies
ENGL 2113 Intro to Literature
GEOG 2253 World Regional Geography (If the student has never had Geography)
One Course in Foreign Language
PSYC 1113 Intro to Psychology

English Education Major, B.A.Ed.

MATH 1473 Applied Math
PSYC 1113 Intro to Psychology
EDUC 4823 Emerging Technologies
One Course in Foreign Language
ENGL 3413 World Literature

English Major, B.A.

MATH 1473 Applied Math

Environmental, Health, And Safety Management Major, B.S.

MATH 1513 College Algebra
BIOL 1113 Lecture
CHEM 1123 Chemistry I Lecture and 1131 Chemistry I Lab (If student wants to take CHEM 2 and work in governmental agencies)
IS 1003 Computers in Modern Society (if not computer proficient)

Finance Major, B.B.A.

MATH 1523 Functions and Change
ECON 2213 Microeconomics (Encourage to take 2nd semester)
IS 1003 Computers in Modern Society (or if computer proficient reserve 2nd part of Life Skills for IS Course in Major)

General Studies, B.G.S.

MATH 1473 Applied Math

Geography Major, B.A.

MATH 1313 Elementary Statistics
GEOG 2243 Fundamentals of Geography
Reserve Geography section in Global Perspectives for GEOG Course in Major

Health and Human Performance Major, B.S.

MATH 1313 Elementary Statistics
HED 1113 Personal Health
NUTR 1653 Basic Nutrition
HED 2212 First Aid / Responding to Emergencies

Health and Physical Education Major, B.S.Ed.

MATH 1313 Elementary Statistics
PSYC 1113,
Reserve 2nd part of Life Skills for HED 2212 First Aid / Responding to Emergencies and EDUC 4823
Emerging Technologies
One course in foreign language

Health Care Administration Major, B.S.

MATH 1523 Functions and Change
ECON 2213 Microeconomics (Encouraged to take 2nd semester after Math)
IS 1003 Computers in Modern Society (or if computer proficient reserve 2nd part of Life Skills for IS Course in Major)

History Major, B.A.

MATH 1473 Applied Math
HIST 1113 Early Western Civilization
HIST 1483 American History 1492-1876
HIST 1493 American History since 1876
GEOG 2243 Fundamentals of Geography
POLS 1113 American Federal Government

Homeland Security, B.S.

MATH 1473 Applied Math

Hospitality and Tourism Management Major, B.B.A.

MATH 1523 Functions and Change

ECON 2213 Microeconomics (Encourage to take 2nd semester after Math)

IS 1003 Computers in Modern Society (or if computer proficient reserve 2nd part of Life Skills for IS Course in Major)

Information Systems Major, B.B.A.

MATH 1523 Functions and Change

ECON 2213 Microeconomics (Encouraged to take 2nd semester after Math)

IS 1003 Computers in Modern Society (or if computer proficient reserve 2nd part of Life Skills for IS Course in Major)

Integrative Biology Major, B.S.

MATH 1513 College Algebra (or higher)

BIOL 1013 Intro Biology I and 1011 Intro Biology I Lab

CHEM 1123 Chemistry I Lecture and 1131 Chemistry I Lab

Legal Studies, B.S.

MATH 1473 Applied Math

Management Major, B.B.A.

MATH 1523 Functions and Change

ECON 2213 Microeconomics (Encouraged to take 2nd semester after Math)

IS 1003 Computers in Modern Society (or if computer proficient reserve 2nd part of Life Skills for IS Course in Major)

Marketing Major, B.B.A.

MATH 1523 Functions and Change

ECON 2213 Microeconomics (Encouraged to take 2nd semester after Math)

IS 1003 Computers in Modern Society (or if computer proficient reserve 2nd part of Life Skills for IS Course in Major)

Mathematics Education Major, B.S.Ed.

MATH 1513 (or higher, look for higher MATH ACT and encourage proper placement)

PSYC 1113 Intro to Psychology

PHYS 1115 or PHYS 2115 for Physical Science category, EDUC 4823, 1 COURSE IN FOREIGN LANGUAGE

Mathematics Major, B.S.

MATH 1513 College Algebra (or higher, look for higher MATH ACT and encourage proper placement)

PHYS 1115 General Physics I or PHYS 2115 Engineering Physics for Physical Science category
Reserve 2nd part of Life Skills for CS 2014 Computer Science I

Media Studies Major, B.A.

MATH 1313 Elementary Statistics

Medical Laboratory Science Major, B.S.

MATH 1513 College Algebra (or higher)

BIOL 1013 Intro Biology I and 1011 Intro Biology I Lab

CHEM 1123 Chemistry I Lecture and 1131 Chemistry I Lab

Music, B.A. - Jazz Studies (Major/Minor)

MATH 1473 Applied Math

MUS 2743 Jazz Appreciation

MUS 2863 World Music

Reserve 2nd part of Life Skills for performance based arts course

Music, B.A. - Music Business (Major/Minor)

MATH 1473 Applied Math

MUS 2863 World Music

Reserve 2nd part of Life Skills for performance based arts course

Music, B.A. - Musical Arts (Major/Minor)

MATH 1473 Applied Math

MUS 2863 World Music

Reserve 2nd part of Life Skills for performance based arts course

Music, B.A. - Performance (Major/Minor)

MATH 1473 Applied Math

MUS 2863 World Music

Reserve 2nd part of Life Skills for performance based arts course

Music Education Major-Minor, B.M.Ed.

MATH 1473 Applied Math
MUS 2863 World Music
PSYC 1113 Intro to Psychology
Reserve 2nd part of Life Skills for EDUC 4823 Emerging Technologies (and performance based art courses)
One course in Foreign Language

Nursing Major, B.S.N.

Refer Student to Craig Clifford

Nutritional Sciences, B.S.

MATH 1513 College Algebra (or higher)
NUTR 1653 Basic Nutrition
NUTR 3653 Food & Culture
PSYC 1113 Intro to Psychology OR SOC 1113 Intro to Sociology
BIOL 1013 Intro Biology I and 1011 Intro Biology I Lab
CHEM 1123 Chemistry I Lecture and 1131 Chemistry I Lab

Organizational Leadership Major, B.S.

MATH 1473 Applied Math
May want to take TECH 3023 Technology and Society in Global Perspectives

Political Science Major, B.A.

MATH 1313 Elementary Statistics
Reserve Political Science category in Global Perspectives for POLS course in Major

Psychology - General Major, B.A.

MATH 1313 Elementary Statistics
PSYC 1113 Intro to Psychology

Science Education Major, B.S.Ed.

MATH 1513 College Algebra (or higher)
BIOL 1013 Intro Biology I and 1011 Intro Biology I Lab
CHEM 1123 Chemistry I Lecture and 1131 Chemistry I Lab
PSYC 1113 Intro to Psychology
EDUC 4823 Emerging Technologies
One course in Foreign Language

Social Studies Education Major-Minor, B.A.Ed.

Math 1473 Applied Math
GEOG 2243 Fundamentals of Geography
ECON 2213 Principles of Microeconomics
HIST 1113 Early Western Civilization
HIST 1483 American History 1492-1876
HIST 1493 American History since 1876
POLS 1113 American Federal Government
PSYC 1113 Introduction to Psychology
SOC 1113 Introduction to Sociology
EDUC 4823 Emerging Technologies
One course in Foreign Language

Social Work Major, B.S.W.

MATH 1313 Elementary Statistics
PSYC 1113 Intro to Psychology
SOC 1113 Intro to Sociology
BIOL 1113 General Biology Lecture and 1111 lab
MATH 1513 College Algebra OR MATH 1473 Applied Math

Sociology Major, B.A.

MATH 1313 Elementary Statistics
SOC 1113 Intro to Sociology

Spanish Major, B.A.

Math 1473 Applied Math
SPAN 1113 Elementary Spanish I (or higher – see Spanish Placement)
SPAN 1123 Elementary Spanish II (or higher – see Spanish Placement)

Spanish Education Major, B.A.Ed.

MATH 1473 Applied Math
SPAN 1113 Elementary Spanish I (or higher – see Spanish Placement)
SPAN 1123 Elementary Spanish II (or higher – see Spanish Placement)
PSYC 1113 Intro to Psychology
EDUC 4823 Emerging Technologies

Special Education - Mild/Moderate Disorders Major, B.S.Ed.

MATH 1313 Elementary Statistics
ENGL 2113 Intro to Literature
PSYC 1113 Intro to Psychology
GEOG 2253 World Regional Geography
4 HRS of BIOL
4 HRS of SCI
EDUC 4823 Emerging Technologies
One course in Foreign Language

Speech-Language Pathology Major, B.S.

MATH 1513 College Algebra
SPED 3313 American Sign Language I (May want to take SPED 3323 to finish Global Perspectives if under pre-2017 Gen Eds)
PSYC 1113 Intro to Psychology (May want to take so student can do more PSYC classes to count in SLP elective area)

Supply Chain Management Major, B.B.A.

MATH 1523 Functions and Change
ECON 2213 Microeconomics (Encouraged to take 2nd semester after Math)
IS 1003 Computers in Modern Society (or if computer proficient reserve 2nd part of Life Skills for IS Course in Major)

Technology Major, B.T.

MATH 1523 Functions and Change
TECH 3023 Technology and Society