



EXPLORATORY PATHWAYS

Can't decide on a major? No worries!
Students can choose a Pathway if still undecided on a major to determine what is most interesting and meaningful, while completing a variety of courses in several different subjects. This approach allows students to explore majors, but also maintain a plan for graduation.

UNIVERSITY STUDIES

University studies is required for all first-year students and those with less than 24 credit hours.

SUMMER AND INTERSESSION COURSES

Don't forget that summers and winter breaks are a way to fast-track your route to degree completion – and lighten your load during fall and spring!

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Mathematics and Scientific Research

The Mathematics and Scientific Research Pathway is intended for students that are fascinated by science, research, and how the universe operates. Students can expect a thorough examination of natural sciences, and can opt to also dive further into physical sciences and mathematical research. Those in this Pathway will gather the necessary skill-sets to conduct research in a variety of scientific fields; students interested in health sciences may also consider this Pathway.

MAJORS INCLUDE:

Biochemistry and Biotechnology • Biology Chemistry • Mathematics • Physics

FALL SEMESTER (16 credit hours)

BIOL 1800: Introduction to the Biology Major (1)

BIOL 1821: Introductory Biology: Organisms and Environment (5)

ENGL 1100: First-Year Writing (3)

MATH 1030: College Algebra (3)

MATH 1035: Trigonometry (2)

PHYSICS 1099: Windows on Physics (1)*

INTDSC 1003: University Studies (1)

SPRING SEMESTER (16 credit hours)

CHEM 1111: Introductory Chemistry I (5)

MATH 1800: Analytical Geometry and Calculus I (5)

PHIL 2256: Bioethics (3)

GEN ED EXPLORE: Social Sciences (3)

FALL SEMESTER (15 credit hours)
BIOL 1831: Introductory Biology: From Molec

BIOL 1831: Introductory Biology: From Molecules to Organisms (5) CHEM 1121: Introductory Chemistry II (5)

MATH 1900: Analytical Geometry and Calculus II (5)*
MATH 1100: Basic Calculus (3)

POL SCI 1800: Introduction to International Politics (3)

SPRING SEMESTER (16 credit hours)

BIOL 2012: Genetics (3)

MATH 1320: Intro to Probability and Statistics (3) PHYSICS 2111: Physics: Mechanics and Heat (4)*

GEN ED EXPLORE: Humanities and Fine Arts (3)

GEN ED EXPLORE: Social Sciences (3)

* students considering Physics

This is a sample two-year plan for the courses to take each academic semester/session. This map is not a substitute for academic advisement. Contact your advisor when making final selections.



