



McNeill Academic Program

Pathways to Excellence

About McNeill



Mission & Vision

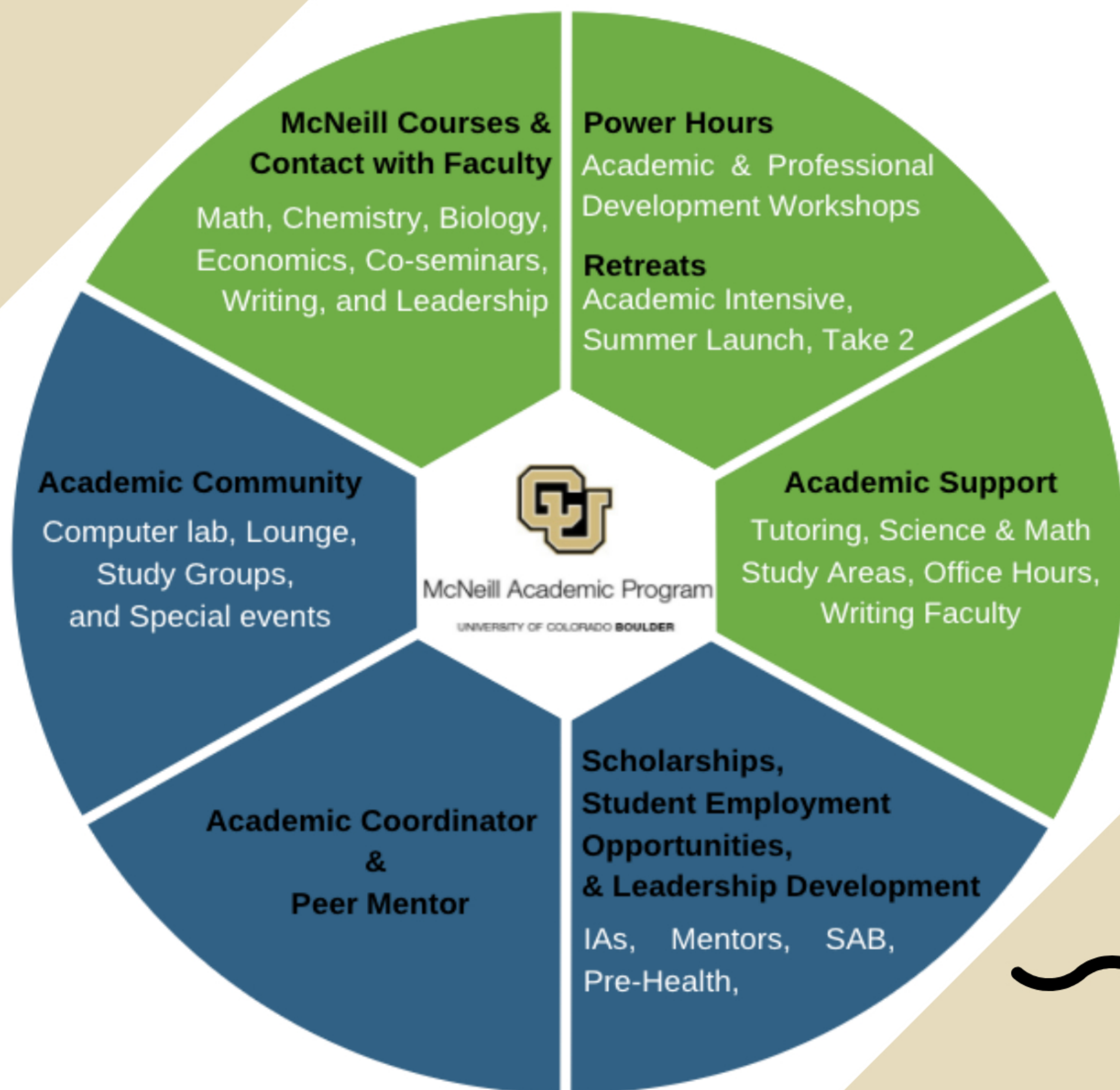
The McNeill Program is committed to creating a place of belonging and connection among students, staff and faculty. We engage and support students to help them realize their full academic and personal potential while valuing the differences which make each of them unique.

Our purpose is to inspire students to meet the challenges of education, to graduate with university degrees, and to become active contributors to their communities.

In the McNeill Program, we:

- Provide a stimulating and challenging academic experience
- Strengthen problem-solving and critical-thinking skills
- Familiarize students with CU Boulder's academic culture
- Connect students to faculty and campus resources

McNeill Program Components



Our program components are the different sectors that make up our program. As a student in our program, you have access to an array of resources designed to help you succeed.

Program Requirements

We expect students to be engaged in their learning. This includes being open to learning new ways of approaching academics.

2

Participate in McNeill Academic Program events

- McNeill Welcome (early September),
- Student Retreats (for first year students) in the Spring and Fall - Academic Intensive (end of September), Take 2 (January)
- Academic and Professional Development workshops (attend 2 per semester)

4

Meet with your McNeill Peer Mentor

Peer mentors are students in the program who've been in your shoes and are there to help you become acclimated to the McNeill Program and the larger campus. They will be able to answer questions about the college experience first-hand (minimum once per term).

1

Meet with McNeill Coordinator

Schedule one meeting with your McNeill Coordinator each semester to develop and discuss your academic and career success plan, and to assess your progress toward meeting your goals (minimum once a term).

3

Enroll in McNeill courses

Enroll in appropriate McNeill writing, math, and chemistry courses and co-seminars. First year students usually enroll in once McNeill course per semester and often take math, writing, and/or science, depending on their area of study.

5

Use your resources

Take advantage of campus resources and seek out opportunities that will enhance your CU experience and help you successfully reach your goals.

McNeill Academic Program Quick Facts

Can students in any major join McNeill?	Yes	✓	No
Is there a housing component?	Yes		No ✓
Do McNeill courses have credit and count towards graduation?	Yes	✓	No
Are students in the program until they graduate?	Yes	✓	No
Do students get updates about their grades at midterm?	Yes	✓	No
Is free printing offered?	Yes	✓	No
Is there a place to study?	Yes	✓	No
Are there leadership options?	Yes	✓	No
Are there volunteer opportunities?	Yes	✓	No
Do students meet with program staff every semester to discuss their goals?	Yes	✓	No
Do any of the McNeill courses have more than 25 students?	Yes		No ✓
If free tutoring available?	Yes	✓	No
Do students get a good sense of community?	Yes	✓	No
Can I get a mentor?	Yes	✓	No
Can students apply for LEAD Scholarship?	Yes	✓	No

Student Voices

"I have loved being in the McNeill program because it has been a foundation for me to not only be successful in my social life but my academic one as well."
-Allison Stratton



"McNeill helped me feel like I belong here, and all of the people in it-my peers and my teachers-have, directly and indirectly, inspired me in some way to chase after my own definition of success and happiness in the times when I need it the most."
-Thuy-An Julie Huynh



"McNeill Academic Program provides a great social-relation opportunity for me. I met new people and became friends with them every year by attending different McNeill events. I also felt a sense of belonging inside of McNeill community."
-Yang Li



"The McNeill program has benefitted me because the classes have stimulated my academic experience through various methods that push me to expand on my problem solving and critical thinking skills."
-Yadiel Tesfaye



"The McNeill community to me means caring, giving a helping hand, and always having someone there for you, to support you and help you through bumps."
-Destiny Trinidad

McNeill Academic Courses

McNeill courses are student centered and provide students with the experience needed to meet and exceed the demands of upper division college work. Depending on the student's major and goals, McNeill students will take a selection of the following courses. All courses fulfill graduation requirements.

Students often enroll in 1-2 McNeill courses each in the fall and spring terms of their first year. Students usually enroll in College Writing and Research, one or two math courses, and Coseminars.

ARSC 1080 (4 credits) College Writing and Research

Introduces academic and professional genres through the research and inquiry process. Students practice close reading, oral presentation, drafting, synthesis, analysis and research skills in discussion, writing workshops, and one-on-one conferences. Approved for Arts Sci Gen Ed: Written Communication-Lower Division.

ARSC 2000 (3 credits) Ways of Knowing: Constructions of Knowledge in the Academy & Beyond

Explores different ways of knowing from interdisciplinary, cross-cultural perspectives. Course begins with personal interrogations of students' primary learning modes. It goes on to examine cultural assumptions about schooling, learning and knowledge, juxtaposing western and eastern philosophies of knowing and looking at how gender, race, class, and other categories of identity shape and interpret concepts of knowledge. Approved for Arts Sci Gen Ed: Distribution-Arts Humanities

ARSC 3100 (3 credits) Multicultural Perspectives and Academic Discourse

Teaches students how to write academic papers related to race, class, gender, sexuality, and other areas of cultural identity. Students acquire expertise on issues through readings, guided discussion, and research and practice oral presentation skills, drafting, and workshopping of papers. Approved for Arts Sci Gen Ed Upper Division Written Communication.

MATH-1212 (3 credits) Data and Models

Engages students in statistical and algebraic problem solving through modeling data and real world questions taken from the social and life sciences. The course will emphasize these skills and the mathematical background needed for a university level statistics course. Credit not granted for this course and MATH 1011. Approved for Arts Sci Gen Ed: Quantitative Reasoning Math

MATH-1150 (4 credits) Precalculus Mathematics

Develops techniques and concepts prerequisite to calculus through the study of trigonometric, exponential, logarithmic, polynomial, and other functions. Approved for Arts Sci Gen Ed: Quantitative Reasoning Math; MAPS Course: Mathematics.

MATH-1300 (5 credits) Calculus 1

Topics include limits, derivatives of algebraic and trigonometric functions, applications of the derivative, integration and application of the definite integral. Approved for Arts Sci Gen Ed: Quantitative Reasoning Math

LEAD-1000 (4 credit) Becoming a Leader

This foundation course will prepare students to exercise leadership in business, and community organizations. Introduces leadership skills useful in a variety of settings including community and civic activities. Helps students to improve self-awareness, understand multiple theories, recognize moral courage, build analytic and critical thinking skills and adapt leadership practices to different people and contexts. Student will also enroll in the LEAD 1000 practicum -(EDUC 2910) to gain hands on practical leadership experience.

EDUC-2800 (1 credit) Ethics of Ambition

How can we live a meaningful life? In every society, there are people who aggressively pursue ambition and others who are not so aggressive. How can leaders integrate their dreams with the needs of their communities? Even altruistic ambition may violate the ethical obligations owed to family and their community. In this seminar, we will explore the moral ambiguities inherent in ambition pursuits. Our core goal in this house will be consider the following questions: How might we become moral agents, leaders who are model of principle and conscience.

McNeill Academic Courses

EDUC-2800 311R (1 credit) Leadership and Art Storytelling

This course focuses on storytelling in the context of professional development. Students will apply rhetorical approaches to refine their personal narratives for a range of audiences and professional genres, in order to find authentic and effective ways to connect with employers, education opportunities, and diverse communities. In the process of their own professional development, students will help design materials and strategies for all SASC students to build professional success.

IPHY 3410 (3 credits) Human Anatomy

Explores the cells, tissues, and organs that compose the different anatomical systems including integumentary, skeletal, muscular, digestive, respiratory, cardiovascular, lymphatic, nervous, urinary and reproductive. Department enforced prerequisite: one year of general biology (lecture + lab).

CHEM-1113 (4 credits) General Chemistry I

Lecture and recitation. Intended for first-semester students whose academic plans require advanced work in chemistry. Subjects: components of matter, stoichiometry, classes of reactions, gases, thermochemistry, atomic structure, electron configuration, chemical bonding, molecular shapes, covalent bonding, organic compounds, intermolecular forces, equilibrium. Extra sessions for collaborative group work included. Department enforced pre-reqs., one-year high school chemistry or CHEM 1021 (min grade C-). Not recommended for students with grades below B- in CHEM 1021. Department enforced co-req., CHEM 1114. Approved for Arts Sci Gen Ed: Distribution-Natural Sciences

CHEM 1133 (4 credits) General Chemistry II

Lecture and recitation. Intended for second-semester students whose academic plans require advanced work in chemistry. Subjects: acid-base equilibria, buffers and titrations, thermodynamics, redox reactions, electrochemistry, transition elements and their coordination compounds, solubility/solubility equilibria, crystal field theory, kinetics, nuclear chemistry. Department enforced pre-reqs: CHEM 1113 and CHEM 1114 (minimum grade C-). Department enforced co-requisite: CHEM 1134.

EBIO-1210 (3 credits) General Biology I

Lecture, Provides a concentrated introduction to molecular, cellular, genetic, and evolutionary biology. Emphasizes fundamental principles, concepts, facts, and questions. Extra sessions for collaborative group work included. Intended for science majors. Approved for GT-SC1. Meets MAPS requirement for natural science. Approved for Arts Sci Gen Ed: Distribution-Natural Sciences

ECON-2010 (4 credits) Principles of Microeconomics

Examines basic concepts of microeconomics, or the behavior and the interactions of individuals, firms, and government. Topics include determining economic problems, how consumers and businesses make decisions, how markets work and how they fail, and how government actions affect markets. Extra sessions for collaborative group work included. Credit not granted for this course and ECON 1000 and 1001. Meets MAPS requirements for social sciences. Approved for Arts Sci Gen Ed: Distribution-Social Sciences

ECON-2020 (4 credits) Principles of Macroeconomics

Provides an overview of the economy, examining the flows of resources and outputs and the factors determining the levels of income and prices. Explores policy problems of inflation, unemployment, and economic growth. Extra sessions for collaborative group work included. Credit not granted for this course and ECON 1000 and 1001. Meets MAPS requirement for social sciences. Approved for Arts Sci Gen Ed: Distribution-Social Sciences

ARSC-**** (1 credit) Co-seminar

Designed to supplement and strengthen student experiences in a specific course in biology, chemistry, economics, physics, or psychology. Allows students an opportunity to extend their understanding of the subject and to explore possible careers in the academic area. ****course number varies with course subject

Let's get in touch!

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