



# MCNEILL ACADEMIC PROGRAM

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PATHWAYS TO EXCELLENCE



Student Academic Success Center  
UNIVERSITY OF COLORADO **BOULDER**

# ABOUT MCNEILL

We are a diverse learning community with approximately 100 students accepted each year and about 400 students total in our program. Our students are leaders on campus, research assistants, peer mentors, teaching assistants, recipients of the Provost Achievement Award, and the President's Diversity Award. We have students who hold internships across the state and students who go on to Graduate School.

## mission:


We are committed to creating a place of belonging and connection among students, staff, and faculty. We engage and support our students to help them realize their full academic and personal potential while valuing the differences that make each of us. We offer a personalized approach to your experience at CU Boulder, working with you individually support you in reaching your goals.

*We are confident that you will thrive in the McNeill Program.*

# MCNEILL PROGRAM COMPONENTS



# PROGRAM REQUIREMENTS



**EO** before  
senior year

**Attend Take 2**  
in Spring

**Attend the Challenge  
Course Retreat** in Fall

**Attend the McNeill Welcome** in the  
Fall semester

**Meet with your McNeill Coordinator** once  
every semester. You can meet more time, but  
must be at least once per semester

Attend **3 Power Hours** each semester.  
First and Second Year students are encourage to attend a  
Power Hour with an associated Facilitated Dialogue



# PROGRAM QUICK FACTS

Can students in any major join McNeill?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is there a housing component?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Do McNeill Courses have credit and count toward graduation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are students in the program until they graduate?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Do students get updates about their grades at midterm?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is free printing offered?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is there a place to study?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are there leadership opportunities?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are there volunteer opportunities?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Do students meet with program staff every semester to discuss their goals?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Do any of the McNeill courses have more than 25 students?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Do students build a strong sense of community within the program?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Can I get a mentor?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Can students apply for the LEAD Scholarship?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

# STUDENT VOICES

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

**"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**



**"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 the McNeill Community."  
--Yang Li**

**"McNeill helped me feel like I belong here, and all of the people in it--my peers and 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 most."  
--Thy-An Julie Huynh**

# AVAILABLE MCNEILL 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.*

McNeill courses are spread out during the first 3 semesters at CU. Students often enroll in College Writing and Research, one or two math courses, STEM courses and co-seminars.

## **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.

# AVAILABLE MCNEILL COURSES

## **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 ambitious 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.

# AVAILABLE MCNEILL 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.

## **EDUC-2800 312R (1 credit) Research as Leadership: Inclusive Community Space**

This course considers leadership in the context of community-engaged research. Students will conduct research in partnership with SASC staff and faculty as we start planning our move from our current home in Fleming to our new home in the Education building. Students will design ways to engage the community in helping to make sure that we keep what we love about our current home and manage our move to best serve our whole community

## **EDUC-2800 313R (1 credit) Research as Leadership: Campus Research Opportunities**

In this class, students will learn about scene research being conducted at CU Boulder. Students will hear from researchers on campus and have the opportunity to visit various research labs. Students will learn about the field of research, funding opportunities, and how to get involved. Students will help identify and document the range of campus opportunities, in order to build a solid knowledge base for all of SASC and will learn how to write the most competitive application for these positions and how to ace the interviews to seal the deal.

## **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).



# AVAILABLE MCNEILL COURSES

## **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, bonding, molecular shapes, organic compounds, intermolecular forces, equilibrium. Extra sessions for collaborative group work included. Department enforced prereqs: 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, titrations, thermodynamics, redox reactions, electrochemistry, transition elements, solubility/solubility equilibria, crystal field theory, kinetics, nuclear chemistry. Dept enforced prereqs: (minimum grade C-). Dept enforced co-req: CHEM 1134.

## **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 GenEd: Distribution-Social Sciences

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

Designed to supplement and strengthen student experiences in specific courses 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 the course subject



# CONTACT US

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