

Online 5th Year Master of Information and Data Science

Tailored for UC Berkeley undergraduates interested in data science careers, the 5th Year Master of Information and Data Science (MIDS) program provides UC Berkeley students with a path to earning a professional master's degree through focused advising and guided preparation.

Students will be prepared for careers in organizations that are relying increasingly on data to make decisions. Delivered using state-of-the-art online technology, this program is designed by School of Information faculty and brings the unique UC Berkeley student experience to you — no matter where you live.



ACADEMIC OVERVIEW

With a hands-on, project-based approach to learning, the 5th Year MIDS program features a rigorous, multidisciplinary curriculum focusing on key areas such as:



YOUR CAREER AFTER THE I SCHOOL

With a unique skill set, experience across disciplines, and an interdisciplinary outlook, 5th Year MIDS graduates are highly sought by employers.

Recent employers include:



Recent job titles include:

- Software Engineer
- Data Analyst
- Associate Data Scientist
- Data Scientist
- ML Engineer
- People Analytics

DEGREE REQUIREMENTS

The 5th Year MIDS program [requires 27 units of study](#), including 3 classes in the fall, 3 classes in spring, a data science practicum in the summer, and 2 classes including Capstone in the fall. Students will attend an Immersion program, and be supported to seek a summer internship.

Foundation Courses

- Introduction to Data Science Programming*
- Research Design and Applications for Data and Analysis for Early Career Data Scientists
- Statistics for Data Science*
- Fundamentals of Data Engineering*
- Applied Machine Learning

Selected Advanced Courses

- Data Visualization
- Behind the Data: Humans and Values
- Privacy Engineering
- Experiments and Causal Inference
- Deep Learning in the Cloud and at the Edge
- Machine Learning Systems Engineering
- Natural Language Processing with Deep Learning
- Computer Vision

Capstone

* Students who have completed undergraduate coursework in these topics may be eligible to waive specific 5th Year MIDS classes.

YOU BELONG AT BERKELEY

The I School is the proud home of a welcoming community that includes students, faculty, and staff from a wide variety of backgrounds, nations, cultures, and experiences. Our community includes students of all genders, students with disabilities, students of color, student parents, LGBTQ+ students, veterans, first-generation college graduates, and those seeking a career change. [Our commitment to Diversity, Education, Inclusion, and Belonging.](#)



ADMISSIONS

Applications are evaluated holistically on a combination of prior academic performance, professional experience, admissions essays, and 2-3 letters of recommendation. Admissions requirements include, but are not limited to, those listed below. [Detailed application instructions](#) can be found on our website.

- Completion of UC Berkeley bachelor's degree
- A high level of analytical reasoning ability and a problem-solving mindset
- Working knowledge of foundational data science concepts or demonstrated aptitude for learning these skills*
- Effective communication skills
- GRE/GMAT is not required

* Admitted students who lack a working knowledge of these concepts will be required to complete applicable bridge coursework prior to starting 5th Year MIDS.

IMPORTANT DATES

Early application deadline: November 3, 2022

Second application deadline: March 1, 2023

Final application deadline: May 18, 2023



“With the gift of cutting-edge data science tools, an advanced statistical background, and the passion to solve real-world problems, I foresee no limits to the change we can accomplish as the next generation of data scientists.”

Ben Chu, 5Y MIDS 2021

STUDENT EXPERIENCE

- **A robust online learning experience.** Featuring self-paced, online coursework and weekly live, collaborative seminars driven by problem solving and discussions with small class sizes.
- **Immersion.** This 3-4 day in-person program offers you the chance to meet faculty and classmates, attend lectures and workshops, and participate in networking events with industry leaders.
- **Dedicated student support and face-to-face interaction.** The I School offers academic, technical, and career services support.
- **Connections in the San Francisco Bay Area,** a renowned tech hub. As a UC Berkeley student, you will build valuable connections through an extensive global network.
- **Support for professional development.** 5th Year MIDS students will receive career coaching and advising designed to help them transition smoothly from student to data professional.

FINANCING YOUR EDUCATION

\$2,780* per unit, not including applicable fees

*Fees from 2022-23 academic year. Please note that tuition and fees are subject to change and you should expect them to rise each new academic year in the fall.

CONTACT US

We would love to hear from you!
admissions@ischool.berkeley.edu
(510) 642-5450 / 711 (The California Relay)

[Request Information](#)