

SUMMER 2026

AI in Medicine Program



Outset

Dates: July 5-10
Campus: UC Berkeley



Explore how AI is shaping the future of healthcare in the heart of Silicon Valley.

Outset's AI & Medicine program gives students an immersive introduction to how artificial intelligence is being applied across modern healthcare. Throughout the week, students explore AI in action through workshops, research, real-world case discussions, speakers and simulations that highlight how AI is transforming diagnostics, surgery, drug discovery, and patient care.

Students will learn directly from AI experts in small-group sessions, gaining firsthand insight into how clinicians use emerging technologies to solve complex problems under pressure.

These sessions introduce students to real applications of AI in healthcare and expose them to the interdisciplinary thinking required at the intersection of medicine, data, and innovation.

Alongside this broader exploration, students participate in off-campus visits to leading AI and Medicine companies and/or research hubs in the Bay Area. These visits will give students a chance to see up-close the innovation that AI tools and technologies are bringing to healthcare in the United States and globally.

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What to expect in a week of AI in Medicine

Research, Lectures, & Workshops at UC-Berkeley

Students get a firsthand look at how artificial intelligence is used in real clinical settings through hands-on simulations and guided activities. Examples of activities may include:

AI-Assisted Clinical Decision Making:

Work through simulated patient cases to see how AI tools support diagnosis, treatment planning, and risk assessment in medical settings.

Medical Imaging & Diagnostics:

Explore how AI is used to analyze medical imaging such as scans and X-rays, and understand how algorithms assist physicians in identifying patterns and abnormalities.

Technology in the Operating Room:

Learn how AI and advanced tools are used to enhance surgical planning, precision, and patient outcomes across different specialties.

Speakers and Q&A with AI & Medical Experts

Students attend sessions led by physicians and professionals working at the intersection of medicine and artificial intelligence. Speakers share firsthand perspectives on how AI is shaping modern healthcare and what it's like to work in a rapidly evolving medical field. Example topics:

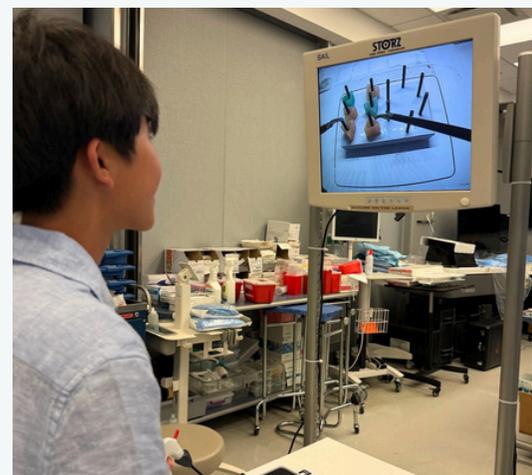
- How physicians use AI in diagnostics, treatment planning, and patient care
- Examples of AI in hospitals, clinics, and operating rooms
- How doctors choose specialties in a technology-driven medical landscape
- Training milestones from college to medical school, residency, and beyond
- Ethical considerations and limitations of AI in healthcare
- Student-driven Q&A about careers, education, challenges, and lifestyle

Off-Campus Visits to See AI Research & Innovation in the Bay Area

Students in the AI and Medicine program with Outset will have the opportunity to tour and visit companies and university research hubs doing cutting-edge research and innovation in AI and healthcare. These behind-the-scenes tours will give students access to some of the most interesting developments in AI and healthcare in the United States.

Our company and tour list is still in development, but we expect to do visits to at least 2-3 Bay Area companies or research hubs.

Note: Specific activities vary. Students receive final schedule closer to their program date.



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Example Day

Here's an example of a day in AI in Medicine at Outset. Each day is packed with classroom sessions, workshops, and off-campus activities. We try to have a good mix of academics and fun!

- 8:00 – 8:45 AM** Grab breakfast in dining hall with other students.
- 9:00 – 9:45 AM** Classroom session 1 at UC-Berkeley
- 10:00 – 10:45 AM** AI & Medicine Workshop at UC-Berkeley
- 11:00 – 11:45 AM** Classroom session 2 at UC-Berkeley
- 12:00 – 2:00 PM** Enjoy lunch at the dining halls, then free time or join staff-led activities around campus.
- 2:00 – 5:00 PM** Head into downtown San Francisco for a site visit at a leading AI & Healthcare company
- 5:00 – 6:00 PM** Grab dinner at a local SF restaurant with your group
- 6:00 – 9:00 PM** Enjoy an Outset coordinated evening activity out in SF!
- 9:00 - 9:30 PM** Take the bus back to UC-Berkeley campus
- 9:30 – 11:00 PM** Relax in the student dorm, shower, etc before lights out.

Your Foundation for the Pre-Med Journey

Our **Path to Pre-Med** curriculum is designed by pre-med advisors to help students understand what it takes, before they start the path.

Map Your Medical Journey

See the full timeline and financial picture.

Pick the Perfect College

Find the school that sets you up for pre-med success.

Tackle Pre-Med Challenges

Learn how to handle the toughest college hurdles.

Plan Your Courses

Know what classes to take and in what order.

Ace Hard Classes

Master strategies for challenging pre-med courses.

Gap Year Options

Weigh pros and cons of a gap year before med school.

Conquer the MCAT

What it is, why it matters, and prep tips.

Master Med School Applications

Learn the process and how to stand out.

**Hear from students what they take away from the Path to
Pre-Med curriculum at the video on our home page:**

[**Learn More**](#)



What kind of student is a good fit for AI in Medicine?

Students who are mature, motivated, and genuinely curious about innovation and ethics in the cutting edge of medicine. We look for applicants who show dedication, curiosity, and excitement for a challenging learning environment.

How competitive is the AI in Medicine program?

AI in Medicine is one of our more selective programs due to high academic and professional standards. If you're unsure about your fit, we encourage you to speak with your Admissions Representative for guidance.

Are there grade limitations for AI in Medicine?

Yes, the AI in Medicine program is for current 9th-12th graders.

Can I switch program specialty later?

You can switch programs up to 2 months before your start date if there are still spots available in other programs on your campus. We cannot guarantee this, so please [contact our Admissions team](#) for more info.

Can I do back to back programs in different specialties?

Yes. Back to back programs are a great way to meet more peers, explore other specialties, and reinforce core learning. Note that if you stay on the same campus, activities may repeat and you will be participating in the "Path to Pre-Med" course again along with your new week's student cohort.

What if I'm not sure this is the right program for me?

See our overview of other program specialties on the next page. You can also visit our [website](#) to explore other programs.

Contact Us

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FAQs Cont'd

Admissions deadline & process?

There is no deadline! We have rolling Admissions. We have a simple 4-step Admissions process. You can learn more how it works by **clicking here**.

What is the cost?

Tuition and housing for our programs is \$2,950, including 24/7 staff, dorms, meals, 20+ hours of academics, speakers, evening activities, and activity transport. Travel to and from campus is not included.

Is there financial aid?

Yes, if you need financial aid please indicate this on your application and fill out the aid request information. We are not able to guarantee aid but we do take every aid request seriously.

How do I apply? How competitive?

Applying online is easy: **click here**. You'll hear from us within 2 business days. Outset is competitive and we look for motivated students with strong grades and a genuine interest in medicine or healthcare.

Are students monitored 24 hours a day?

Outset maintains a 7:1 student-to-staff ratio, with ACA-trained staff providing 24/7 supervision. Our programs meet strict safety standards, and campuses are monitored to ensure students are safe at all times.

What is accommodation like?

Outset partners with student residence halls. Rooms are shared by 1-2 students of the same gender, with shared bathrooms. Single rooms are available (\$300-400). Dorms usually have common areas to socialize.

More Info

Hear from our alumni

What to expect in a week with Outset:



Have fun as you grow

Perfect balance of fun and education. My daughter made some great friends here, and it really solidified her passion for and decision to go into medicine.

~Outset Parent, 2025

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The trusted leader for teen career exploration.

Outset is trusted by 1,000+ families each summer for high-quality teen summer programs. [Read our reviews](#) and see why we're the leading brand for summer education.



Read Reviews



All Programs

Not sure if **AI in Medicine** is the right program for you?
Check out some of our other MD path specialties:

Orthopedic Surgery	Study musculoskeletal system care, bones, joints, and injuries.
General Medicine	Explore the fundamentals of care, diagnosis, and treatment.
Cardiology	Explore surgical care for the brain, spine, and nervous system.
Psychiatry	Focus on mental health assessment and treatment.
Anesthesiology	Learn how anesthesia supports surgeries and patient safety.
Pediatrics	Focus on healthcare of children from infancy to adolescence.
Dentistry	Study oral health, dental procedures, and patient care.
General Surgery	Explore surgical principles and patient care for procedures.
Emergency Medicine	Understand fast-paced care for urgent and acute conditions.
Dermatology	Study skin health, conditions, and treatments.
AI in Medicine	Explore surgical care for the brain, spine, and nervous system.

[See All Programs](#)

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Ready for your week
at Outset?

Apply Now

Have questions or need to follow-up on your admissions process? Schedule time with our Admissions Team

Schedule Call