

SPECIAL PROGRAMS AND OPPORTUNITIES

Pre-Professional Programs

Denison's commitment to the liberal arts, the strength of our pre-professional advising, and the success of our graduates have made Denison well-known by professional schools ranging from medicine and business to law and engineering. Pre-professional career coaching is provided by the Austin E. Knowlton Center for Career Exploration, which, along with faculty, provides a strong and knowledgeable advising system. Denison has earned the respect of deans of professional and graduate schools who recognize the value of the liberal arts education received at Denison. Whether a student earns a bachelor's degree at Denison and then goes on to a professional school or combines three years of study here with time at another university, a Denison education will contribute significantly to the attainment of professional goals. Please note that Denison financial aid can be applied only during the student's time at Denison. Interested students should discuss other financial aid opportunities with partnering institutions.

Pre-Health

Healthcare admission decisions, including but not limited to, medicine, dentistry, occupational therapy, physical therapy, nursing and veterinary medicine, etc., are based on performance on nationally-sponsored admissions tests (Medical College Admissions Test, Dental Admission Test, Graduate Record Examination), on academic achievement in both science and non-science courses, as well as other components such as personal statements and experiences. Most of our undergraduates considering the health professions bolster their preparations and gain an overview of several related fields by conducting internships, externships and health-related volunteer work in hospital and/or clinical settings.

Pre-Law

Denison graduates are typically successful in gaining admission to law schools across the country. Students' performance on the Law School Admission Test and their academic records are the major determining factors in the admissions decision. The acceptance rate of Denison graduates is consistently well-above the national average. Representatives from a number of schools regularly visit the campus. Attending career panels, programs and completing internships in legal settings helps students make informed career decisions.

Business

A broad-based undergraduate program in the liberal arts is one of the most satisfactory preparations for graduate study in business administration and management, and many Denison graduates continue their studies in programs across the country. The current national trend is to encourage students to work several years between undergraduate and M.B.A. programs and Denison students can receive advice on preparing for business school.

Engineering

With a long-standing tradition of strength in science and pre-engineering, Denison offers two plans to prepare for an engineering career. In the first, students receive a bachelor's degree after four years at Denison with a major in natural sciences or mathematics, followed by two years of graduate work at another institution leading to a master's degree

in engineering. Denison students are regularly accepted to graduate engineering programs at leading universities.

The second plan is a "3-2" program in which students study three or four years at Denison, and an additional two years at an affiliated engineering school, resulting in two bachelor's degrees. Denison is affiliated in such dual-degree programs with Washington University (St. Louis) and Columbia University. Students interested in these plans should contact the 3-2 Engineering Advisor, in care of Denison Physics Department, at their earliest opportunity. The required math and science courses typically include:

Code	Title
PHYS 125	Principles of Physics I: Quarks to Cosmos
PHYS 126	Principles of Physics II
PHYS 127	Principles of Physics III
PHYS 200	Modern Physics
MATH 135	Single Variable Calculus
MATH 145	Multi-variable Calculus
MATH 213	Linear Algebra and Differential Equations
MATH 430	Fourier Analysis
CHEM 131	Atoms and Molecules: Structure and Dynamics
CHEM 132	Organic Structure and Reactivity
CS 173	Intermediate Computer Science

Additional courses may be required, depending on the chosen field of engineering.

Denison Internship Program

The Denison Internship Program, managed by the Austin E. Knowlton Center for Career Exploration (<https://my.denison.edu/node/83>), offers students a structured learning experience as they explore career fields and apply academic coursework to the workplace. Participation in the program provides a three-tiered partnership between students, employers, and the Knowlton Center for Career Exploration. By setting internship goals at the onset of the experience, students are empowered to declare what they hope to learn, achieve, and contribute. Midway through the internship experience, students will review their progress towards their goals and near the end of the term, students are prompted to reflect on the experience through a self-evaluation and reflection process. Through the Denison Internship Program (<https://my.denison.edu/node/5171>), students will earn academic transcript notation for their internship experience once all requirements are met successfully and approved by the Knowlton Center.

Denison Museum

The Denison Museum is a teaching museum located in Burke Hall. Each semester, Denison Museum staff works with faculty, students, and other campus organizations to provide integrative learning opportunities through changing exhibitions and the more than 9,000 objects in the permanent collection. Every year, the Denison Museum also hires 8-10 year-long interns and 2-6 summer interns from all four liberal arts divisions through the MyDenison portal or Handshake. Student interns gain extensive transferable skills by participating in exhibition preparation and research, creating promotional materials using "InDesign" and other technologies, creating videos and podcasts of Museum events,

the careful handling of objects, research, and documentation, and through assisting in the creation of educational materials for class and community visits. Denison Museum interns are frequently successful in securing professional internships or advancing careers in related fields or admission to graduate programs in museum studies and professional writing based on work at the Museum. More information on the Denison Museum is available (<https://denison.edu/campus/museum>).

Service-Learning

The J.W. Alford Center for Service Learning collaborates with students, faculty, and staff to experience active citizenship through service and interaction with the Licking County community and beyond. Service learning enables students to creatively think about society, question its possible inequalities and inequities, and to develop ways of evoking positive social change. Three main functions comprise the work of the Alford Center:

- Curricular Service learning courses in which students and faculty partner with schools, agencies, and organizations to contribute and to experience the course content through hands-on experience.
- The Denison Community Association, in which students organize themselves into more than 20 committees that contribute in excess of 19,000 hours of volunteer service annually; and
- America Reads, that sends work-study students to 10 area schools to provide literacy education.

In all of these functions, students have opportunities to learn to work within a sustainable experiential cycle of defining an issue, researching it, creating and implementing an action plan, and then reflecting on their work through evaluation, and reconsideration of the issues.

Advising Circles

The advising relationship is an important place for conversations that connect the dots between academic work and the learning that occurs beyond the classroom walls. AC 101 - Advising Circles: Engaging the Mission is a structured, weekly opportunity for a small group of first-year students to come together to talk about their experiences, to learn more about the university and the community, to explore how our community is shaped by the diversity of perspectives, and to think productively about how to plan for four years of a meaningful, educational experience.

Students who have participated in this course have been overwhelmingly positive about their experience; 90% of students who have taken an AC 101 - Advising Circles would strongly recommend it to entering students.

Center for Learning and Teaching

The primary goal of Denison's Center for Learning and Teaching is to support and collaborate with faculty at all career stages, considering questions, ideas, activities, and research on teaching and learning. The Center provides support for faculty development and mentoring related to the practice of effective teaching. Specific goals include:

1. Conduct teaching and learning seminars for first-year and early-career faculty.
2. Develop or sponsor workshops, brown-bag lunches, reading and discussion groups, and other programs (e.g., *Teaching Matters!*) that address specific teaching approaches, strategies, activities, and pedagogies including digital technology.
3. Provide a structured program for one-on-one consultations and classroom teaching observations as a way of delivering formative

feedback for faculty at all experience levels and providing mentoring relationships for early-career faculty.

4. Coordinate and enhance collaboration among faculty, faculty groups, professional staff, and administrative offices in order to initiate and promote a variety of faculty development programs and resources that address teaching, learning, scholarship, and mentoring for our college.
5. Support the development of faculty pedagogy and curricular projects focused on the intersection of innovative teaching, integrated learning, and scholarship of teaching and learning.
6. Participate and provide leadership in forging relationships and collaborations between Denison's faculty development programs and other professional organizations that address issues in teaching, learning, and curriculum in higher education.
7. Foster use of the Center's meeting spaces in the Library's atrium level for workshops, discussions, meetings, and any type of program relevant to teaching, learning, advising, mentoring, the curriculum, and other higher education forums.

The Center is located on the atrium level of the Library. Jeffrey Kurtz (Department of Communication) is the Center's director.