This is the Introduction; Programs of Study; Admission Requirements; Costs and Financial Aid; Student Life; and College of Pharmacy Policies sections of the 1997-1999 University of Minnesota Pharmacy Bulletin.
University of Minnesota Mission Statement

The University of Minnesota, founded in the belief that all people are enriched by understanding, is dedicated to the advancement of learning and the search for truth; to the sharing of this knowledge through education for a diverse community; and to the application of this knowledge to benefit the people of the state, the nation, and the world.

The University’s mission, carried out on multiple campuses and throughout the state, is threefold:

• **Research and Discovery**—Generate and preserve knowledge, understanding, and creativity by conducting high-quality research, scholarship, and artistic activity that benefit students, scholars, and communities across the state, the nation, and the world.

• **Teaching and Learning**—Share that knowledge, understanding, and creativity by providing a broad range of educational programs in a strong and diverse community of learners and teachers, and prepare graduate, professional, and undergraduate students, as well as non-degree-seeking students interested in continuing education and lifelong learning, for active roles in a multiracial and multicultural world.

• **Outreach and Public Service**—Extend, apply, and exchange knowledge between the University and society by applying scholarly expertise to community problems, by helping organizations and individuals respond to their changing environments, and by making the knowledge and resources created and preserved at the University accessible to the citizens of the state, the nation, and the world.

In all of its activities, the University strives to sustain an open exchange of ideas in an environment that embodies the values of academic freedom, responsibility, integrity, and cooperation; that provides an atmosphere of mutual respect, free from racism, sexism, and other forms of prejudice and intolerance; that assists individuals, institutions, and communities in responding to a continuously changing world; that is conscious of and responsive to the needs of the many communities it is committed to serving; that creates and supports partnerships within the University, with other educational systems and institutions, and with communities to achieve common goals; and that inspires, sets high expectations for, and empowers the individuals within its community.

College of Pharmacy Mission

The College of Pharmacy educates pharmacy practitioners to meet the pharmaceutical care needs of the people of Minnesota and the rest of society. The college is committed to improving human health through the development of new drugs and drug delivery systems, optimization of drug use, and improvement of pharmaceutical services. It is committed to advancing pharmaceutical technology to strengthen Minnesota’s economy.

Overview

The University of Minnesota College of Pharmacy is recognized as one of the outstanding pharmacy education and research institutions in the world. It is ranked among the top five colleges of pharmacy in the United States by the Gourman Report and U.S. News and World Report. Graduates of the college’s doctor of pharmacy (Pharm.D.) program enter the profession as well qualified, highly sought-after pharmacists.

The college’s programs are supported by centers of excellence in diverse areas of pharmacy such as pharmaceutics, medicinal chemistry, pharmacy management and economics, rural pharmacy, and pharmaceutical care. The teaching, research, and service activities of the 48 full-time faculty members and hundreds of volunteer faculty are focused in four disciplines: medicinal chemistry, pharmaceutics, pharmacy practice, and experimental and clinical pharmacology.

The college is housed in the University of Minnesota Academic Health Center, a complex designed specifically for health education, research, and practice. Pharmacy students have access to modern classrooms, laboratories, and more than 350,000 volumes of pharmacy resource materials.

The college is fully accredited by the American Council on Pharmaceutical Education, 311 W. Superior Street, Chicago, IL 60610 (312/664-3575).
History

Throughout the college’s history, its programs have evolved to meet the needs of the pharmacy profession. In 1892 the college initiated a program consisting of two years of professional studies leading to the doctor of pharmacy degree. To accommodate new knowledge and technology, the period of formal instruction was extended to a four-year baccalaureate degree (B.S.) in 1927, and increased to five years in 1954. A clinical component was added to the B.S. program in 1967, and was followed by the establishment of a patient-oriented postbaccalaureate doctor of pharmacy (Pharm.D.) program in 1971. The College of Pharmacy added a six-year entry-level Pharm.D. program in 1981. To keep pace with society’s changing needs, the college revised the professional education curricula and introduced career tracking options in 1987. In 1995 the college introduced a new entry-level Pharm.D. program and began phasing out the former Pharm.D. and B.S. programs.

Pharmacy Licensure

Graduates of the Pharm.D. program are eligible to take the state licensure examination to practice pharmacy. For more information about licensure, call the Minnesota Board of Pharmacy at (612) 617-2201.

Programs of Study

Entry-level Doctor of Pharmacy (Pharm.D.) Program—The Pharm.D. program prepares pharmacists to identify, resolve, and prevent drug-related problems. These practitioners provide drug therapy to achieve positive outcomes that improve the quality of a patient’s life. Before enrolling in the college, students complete prepharmacy coursework at an accredited college. The required coursework listed in the Curricula section of this publication is offered on a full-time day school basis.

Postbaccalaureate Doctor of Pharmacy (Pharm.D.) Program—The postbaccalaureate Pharm.D. program enriches the knowledge and experience of pharmacists to enable them to practice at an advanced level. Applicants who have a B.S. in pharmacy from a college of pharmacy accredited by the American Council On Pharmaceutical Education (ACPE) may complete the Pharm.D. program in two years of full-time study (day school only). An additional year of study is generally required of students who hold a B.S. in pharmacy from a college of pharmacy not accredited by ACPE (see Admissions Requirements).

Nontraditional Postbaccalaureate Doctor of Pharmacy (Pharm.D.) Program—The college is developing a nontraditional postbaccalaureate Pharm.D. program that will be more accessible to pharmacists. The program is expected to begin fall 1998. For more information, call (612) 624-1900.

Pharmacy Rural Education Program—The Pharmacy Rural Education Program (PREP) attracts and retains pharmacists in rural Minnesota. By participating in PREP, Pharm.D. students gain clinical experience in rural communities either through pharmacy clerkships or at interdisciplinary sites offered through the Rural Health School. Postdoctoral opportunities in PREP focus on developing new practice models for pharmacists in rural family practice settings.

Honors Program—The Honors Program provides Pharm.D. students with opportunities to interact with faculty, develop specialized skills, learn about research, and enhance their professional development. Specific activities, called honors options, include special projects and honors courses. Special projects are defined by a student and faculty member. They may be laboratory research projects, directed research readings, term papers or seminar preparation on research topics, community service projects, leadership projects, or other appropriate activities. There is no financial remuneration for honors options.

Honors courses available within the college are designated by an “H” following the course number. These are advanced courses that may be of special interest to honors students.

Graduating students who have completed at least five honors options, including at least one special project, and earned a qualifying grade point average (GPA) graduate with the honors designation of cum laude (overall and required GPA of 3.25 to 3.49), magna cum laude (overall and required GPA of 3.50 to 3.79), or summa cum laude (overall and required GPA of 3.80 to 4.00).
Postgraduate Fellowship and Residency Programs—The postgraduate fellowship programs in pharmacy practice prepare clinical scientists to become leaders in drug research. The residency programs provide advanced training in general pharmacy practice and specialty practices, such as cardiology, nephrology, infectious disease, transplant, and pediatrics.

Candidates for fellowships and most residencies must have a Pharm.D., M.S., or Ph.D. and equivalent clinical experience; be eligible for licensure to practice pharmacy in Minnesota; and meet other qualifications specific to the program for which application is made. Some residencies are available to candidates who have a B.S. in pharmacy. For information call (612) 624-5151.

Graduate Programs—College of Pharmacy graduate programs for the M.S. and Ph.D. degrees are offered through the Graduate School in medicinal chemistry, pharmaceutics, hospital pharmacy, and social and administrative pharmacy. Detailed information about these programs can be found in the Graduate School Bulletin or by calling (612) 624-5151.

Continuing Education Programs—The College of Pharmacy offers high-quality continuing education programs for pharmacists in the Upper Midwest who provide services to patients and health care organizations. These programs are offered through various media: live programs, correspondence courses, home-study videotapes, teleconferencing, computer-assisted instruction, and distance learning. The college offers noncredit as well as University-credit programs. For more information, call (612) 624-2442.

Prepharmacy Advising

The college’s Office of Student Affairs & Admissions provides prepharmacy advising and answers questions about admission requirements and application procedures for the Pharm.D. program. Students may write the College of Pharmacy, Office of Student Affairs & Admissions, University of Minnesota, 5-110 Weaver-Densford Hall, 308 Harvard Street S.E., Minneapolis, MN 55455, call (612) 624-9490 Monday through Friday 8 a.m. to 4 p.m., or e-mail pharosaa@tc.umn.edu. The Office of Student Affairs & Admissions can also refer you to prepharmacy advisers in all Minnesota and nearby Wisconsin colleges.

Prepharmacy Course Requirements

<table>
<thead>
<tr>
<th>Subject</th>
<th>Requirement</th>
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<tbody>
<tr>
<td>Biology</td>
<td>General biology, including lab .................................................................. 1 course</td>
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<tr>
<td></td>
<td>Microbiology, including lab ...................................................................... 1 course</td>
</tr>
<tr>
<td></td>
<td>Human anatomy, including lab .................................................................... 1 course</td>
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<tr>
<td></td>
<td>(If anatomy is combined with physiology, the entire anatomy and physiology sequence must be completed.)</td>
</tr>
<tr>
<td>Calculus I and II</td>
<td>................................................................................................................. 2 courses</td>
</tr>
<tr>
<td>Chemistry</td>
<td>General chemistry, including labs ................................................................ sufficient to qualify for organic</td>
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<tr>
<td></td>
<td>Organic chemistry, including labs ............................................................ 3 quarters or 2 semesters</td>
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<tr>
<td>Physics</td>
<td>General physics, including labs .................................................................. entire introductory sequence</td>
</tr>
<tr>
<td>Behavioral Sciences</td>
<td>Courses dealing with human behavior in society (psychology or sociology courses) .................................................. 2 courses</td>
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<tr>
<td>English Composition</td>
<td>................................................................................................................. 2 courses</td>
</tr>
<tr>
<td>Microeconomics</td>
<td>................................................................................................................. 1 course</td>
</tr>
<tr>
<td>Public Speaking</td>
<td>................................................................................................................. 1 course</td>
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PROGRAMS OF STUDY
Admission Requirements

Entry-level Doctor of Pharmacy Program—
The required minimum overall grade point average (GPA) is 2.60. The required prepharmacy courses may be taken at any accredited college. Prepharmacy courses must be taken A-F and completed with a grade of C or better before enrollment.

In addition to the prepharmacy course requirements, students must complete at least 45 quarter (30 semester) credits of general education (nonscience, nonmathematics, nonprofessional) courses before graduation. Prepharmacy credits earned in behavioral sciences, English composition, microeconomics, and public speaking apply toward the general education requirement. It is recommended that this requirement be completed before entering the college. General education courses that do not fulfill prepharmacy requirements may be taken S-N (pass/fail).

Postbaccalaureate Doctor of Pharmacy Program—The required minimum professional GPA is 2.80. Applicants who have a B.S. in pharmacy from a college of pharmacy accredited by the American Council on Pharmaceutical Education (ACPE) may complete the Pharm.D. program in two years of full-time study (day school only). An additional year of study is generally required of students who hold a B.S. in pharmacy from a college of pharmacy not accredited by ACPE. In addition to the required Pharm.D. courses, applicants who have a B.S. in pharmacy from a college of pharmacy not accredited by ACPE must complete the entry-level Pharm.D. admission requirements (prepharmacy courses and general education requirements), Community Externship (Phar 5840), and Institutional Externship (Phar 5841).

Transfer Students—Students wishing to transfer from another pharmacy college must fulfill all entry-level Pharm.D. admission requirements. Professional courses completed at another college will be evaluated for equivalency to University of Minnesota College of Pharmacy professional coursework. Transfer students must spend a minimum of one year at the University before qualifying for a degree.

Adult Special Students—Pharmacists may apply for adult special status in the college and complete up to three College of Pharmacy courses. Contact the Office of Student Affairs & Admissions at (612) 624-9490 for information. Adult special students who wish to enter a degree program must apply for admission following the application process outlined below.

Application Procedures

Application materials are available from the college’s Office of Student Affairs & Admissions in August. February 1 is the postmark deadline for filing all required application documents to be considered for admission. Applicants are notified of admission decisions at the end of March. Students are admitted to the college fall quarter only.

Required Documents

- College of Pharmacy Application form and $50 nonrefundable application processing fee
- Professional Goals Statement (essay)
- Official transcript from each college attended
- Three College of Pharmacy Recommendation forms
- Résumé (required only of applicants to the postbaccalaureate Pharm.D. program)
- University of Minnesota Financial Certification Statement (required only of international applicants)
- English language test scores (required only of nonnative English speakers)

Early Decision Program

Applicants who submit all required documents by November 1 and who have an overall GPA of at least 3.40 will be considered for admission and notified of a decision by December 20. If admitted, a $250 nonrefundable tuition deposit to hold a position in the college is due in full by January 15.

English Language Requirements

A nonnative English speaker is a person who first spoke a language other than English. There are no substitutes (e.g., U.S. citizenship, grades in English courses, time spent in the United States, degrees earned in English-speaking schools) for the following English language requirements: 1) Test of English as a Foreign Language (TOEFL) score of 580 or Michigan
English Language Assessment Battery (MELAB) score of 82, and 2) Test of Spoken English (TSE) score of 50.

For further information about TOEFL and TSE, call the Educational Testing Service at (609) 771-7760. MELAB information is available from the English Language Institute at (313) 764-2416. Students are advised to register to take these examinations by October 1.

Evaluation of Applicants
The Admissions Committee consists of four faculty members and one student. The committee reviews applicants whose application documents are received by the February 1 deadline and whose overall college GPA is at least 2.60. The following criteria are used in the evaluation process.

- Academic achievement, including GPA, course selection, and course load
- Work experience (pharmacy experience desirable but not required)
- Three recommendations (from academic advisers, professors, or employers)
- Participation in community or college extracurricular activities
- Applicant goals statement
- On-campus interview

Tuition Deposit
Applicants who are admitted pay a $250 nonrefundable tuition deposit to hold a place in the college. The deposit, along with a signed Declaration of Intent, is due in full within three weeks of admission. The tuition deposit is applied to students’ fall quarter tuition. Deposits are not refunded to applicants who do not enroll in the year for which they have been admitted. Deposits are not transferable to another application cycle.

Background Study Requirement
Minnesota law requires that any student who provides services that involve unsupervised direct contact with patients and residents at hospitals, nursing homes, and other health care facilities licensed by the Minnesota Department of Health undergo a background study conducted by the state. The study covers civil agency findings related to maltreatment of children or vulnerable adults and a range of criminal convictions. A student who is disqualified from having direct patient contact as a result of the background study and whose disqualification is not set aside by the Commissioner of Health, may not participate in a clinical placement in these licensed health care facilities. Failure to pass the background study is grounds for dismissal from the University of Minnesota College of Pharmacy doctor of pharmacy program.

Costs and Financial Aid

Tuition, Fees, and Living Expenses
For information on current tuition and fees, consult the quarterly Class Schedule. Expenses for room and board, laundry and clothing, required health insurance, recreation, travel, and other personal expenses vary depending on whether a student lives at home, in a residence hall, or in off-campus housing.

Students complete externships and clerkships as part of their required courses. These practice experiences are conducted at community and hospital sites throughout the state. Students are responsible for additional expenses related to externships and clerkships.

Residency and Reciprocity—Because the University is a state institution, Minnesota residents pay lower tuition than nonresidents. To qualify for resident status, students must reside in Minnesota for at least one calendar year before the first day of class attendance. The University has reciprocity agreements with North Dakota, South Dakota, Wisconsin, and Manitoba. For more information, contact the Resident Classification and Reciprocity Office, 240 Williamson Hall, 231 Pillsbury Drive S.E., Minneapolis, MN 55455 (612/625-6330), or the residency office on your campus.

Financial Aid
Pharmacy students finance their education from a combination of sources, including personal or family funds, grants and scholarships, loans, and employment. Applications for federal, state, and institutional loans and grants are administered by the University of Minnesota Office of Scholarships and Financial Aid (OSFA). To receive the Free Application for
Federal Student Aid (FAFSA), contact the Office of Scholarships and Financial Aid, University of Minnesota, 210 Fraser Hall, 106 Pleasant Street S.E., Minneapolis, MN 55455. Applications should be filed as soon after January 1 as possible. Students may apply for financial aid before they are admitted to the college. Walk-in counseling is available on a limited basis at the Health Professions Financial Aid Office in 2-693 Moos Tower. For more information, call OSFA at (612) 624-1665 and ask to speak with a health professions financial aid counselor.

Inquiries about financial aid for international students may be directed to the International Student and Scholar Services office (612/626-7100).

College of Pharmacy Scholarships

Full-time pharmacy students who are in good academic standing may apply for College of Pharmacy scholarships (see list below) that range from $300 to $3,000. To be considered for scholarships with financial need as a criterion, students must have a complete financial aid application on file in the University of Minnesota Office of Scholarships and Financial Aid (OSFA).

College of Pharmacy scholarship applications are available from the Office of Student Affairs & Admissions. The college’s Scholarships and Awards Committee selects scholarship recipients. These scholarships are disbursed by OSFA. If a fully funded student receives a scholarship, other forms of assistance will be affected.

Affiliated Sites Scholarships—For minority or disadvantaged students who demonstrate financial need.

American Cancer Society Scholarship—For a Pharm.D. I student with demonstrated leadership potential, maturity, and an interest in oncology. A two-year scholarship.

Burroughs Welcome Scholarship—Based on academic achievement and leadership.

Harold H. Carpenter Memorial Scholarship—Based on interest and outstanding achievement in rural pharmacy.

Benjamin M. Cohen Memorial Scholarship—Based on financial need and academic achievement.

College Board Scholarships—For pharmacy students who demonstrate financial need.

College Board Experiential Scholarships—For Pharm.D. IV students who are enrolled in experiential courses outside the Twin Cities area and demonstrate financial need.

College of Pharmacy Minority and Disadvantaged Student Scholarships—For minority or disadvantaged students who demonstrate financial need.

Kappa Psi Scholarships—For Kappa Psi members based on financial need, activity in the Epsilon Chapter of Kappa Psi, and participation in community activities.

Keith K. Keller Memorial Scholarship—Based on financial need and interest in community pharmacy.

Cecil A. Krelitz Memorial Scholarships—For Pharm.D. I students from Minnesota who plan to practice community pharmacy.

Abbie N. Larson Memorial Scholarships—For students from Minnesota. Based on academic achievement and financial need.

Longs Drug Stores Scholarship—For a Pharm.D. II or III student planning to practice community pharmacy.

Sarah Lavintman Mark Scholarship—For a Pharm.D. IV student interested in hospital pharmacy.

Claude A. Mather Memorial Scholarships—For students from Eveleth, Minnesota.

McKesson Drug Company Scholarship—Based on scholastic achievement, leadership, and financial need. Recipient retains scholarship until graduation as long as satisfactory academic progress is achieved.

Samuel W. Melendy Memorial Scholarships—For the top scholars, based on academic performance the preceding year.

Samuel W. Melendy Research Scholarships—For students to conduct research projects. Based on scholastic performance and potential of the applicants. Award includes a summer stipend and funding for the following two quarters.

Fred Multaler Memorial Scholarship—For a student from Minnesota. Based on financial need.
Paddock Laboratories Scholarship—Based on financial need. Preference given to students who are single parents or from single-parent families.

William M. and Mildred E. Peters Academic Excellence Scholarships—Based on prepharmacy GPA. Awarded to the top applicants who complete their applications by November 1.

William M. and Mildred E. Peters Achievement Scholarships—Based on financial need and extracurricular activities.

William M. and Mildred E. Peters Pharmacy Scholarships—For deserving pharmacy students.

William M. and Mildred E. Peters Rural Scholarships—For students from rural Minnesota. Based on scholastic ability, extracurricular activities, and financial need. Recipients retain the scholarship until graduation as long as satisfactory academic progress is achieved.

Pharmacists Mutual Insurance Company Scholarship—For a student from the Midwest who plans to practice community pharmacy in one of the states where the company operates. Based on academic achievement and financial need.

Pharmacy Alumni Society Scholarship—For a deserving pharmacy student.

Harold W. Pratt Memorial Scholarship—For a deserving pharmacy student.

Max and Rose Sadoff Memorial Scholarship—Based on financial need and demonstrated interest in pharmacy law or ethics.

ShopKo Pharmacy Scholarship—For a Pharm.D. III or IV student who has a demonstrated interest in community pharmacy.

Bert Supplee Memorial Scholarship—Based on academic performance or involvement in extracurricular activities or community service.

Thrifty Drug Stores Scholarships—For Pharm.D. II or III students from Minnesota, North Dakota, South Dakota, Wisconsin, or Montana. Based on interest in community pharmacy and financial need.

Wal-Mart Pharmacy Scholarship—For a Pharm.D. II student who demonstrates interest in community pharmacy, scholastic excellence, leadership, and financial need.

F. J. Wulling Scholarship—For a deserving pharmacy student.

Student Life

Advising

The College of Pharmacy provides counseling and advising services to students. Students choose faculty advisers who help them select emphasis area (elective) courses and discuss career opportunities. In addition, Office of Student Affairs & Admissions staff advisers provide registration materials, discuss academic difficulties, and counsel students with personal concerns.

Housing

The University of Minnesota Housing & Residential Life office (612/624-2994) assists students with their on- or off-campus housing needs.

Activities

Pharmacy students have opportunities for valuable experience and personal growth through activities outside the classroom. Students are encouraged to take an active part in a variety of student groups.

College Board—The Pharmacy College Board is the student government body. It acts as the students’ representative and liaison and sponsors many all-college activities. Its purpose is to advance students’ interest in the college through active student participation. It is composed of class representatives and leaders of all student organizations in the college.

Academy of Students of Pharmacy/Minnesota Pharmacists Association—The academy promotes the professional needs of students at the local, state, regional, and national levels. It is actively involved in educational activities and legislative matters affecting the profession at the state and national levels.

Professional Societies—Three professional pharmacy societies are active in the college: Kappa Epsilon, Kappa Psi, and Phi Delta Chi. These groups sponsor activities involving students, the college, the profession, and the public.

Honor Society—Rho Chi, the national honor society of pharmacy, is represented at the University of Minnesota by the Mu Chapter. During their second professional year, eligible students may be elected to membership by
society members. Election to the society is based on scholarship, character, and conduct.

**Leadership Society**—Phi Lambda Sigma, the national pharmacy leadership society, promotes the development of leadership qualities in pharmacy students. After the first professional year, eligible students may be elected to membership by society members. Election to the society is based on dedication, service, and leadership in the advancement of pharmacy.

**Faculty Committees**—Students are appointed to most standing and ad hoc committees that govern the college.

**Council for Health Interdisciplinary Participation (CHIP)**—This health sciences student organization promotes the team approach to health care delivery through student services and community programs.

**Career Development**—The college offers a variety of career-oriented activities, including career decision-making workshops, an annual career day, internship and postgraduate job listings, and résumé writing and interview skills presentations.

**Pharmacopa**—The Epsilon Chapter of Kappa Psi Pharmaceutical Fraternity prepares the annual Pharmacopa, which contains articles of interest as well as pictures of members of the graduating class, faculty, and staff.

**Pharmaceutical Education Trip**—Pharmacy students have an opportunity to visit the laboratories of at least one pharmaceutical or biological manufacturer during spring vacation.

**Pharmacy Day**—This annual celebration is sponsored by the school’s College Board. Classes are excused for a day in May for a picnic for students, faculty, and staff.

**Awards**

The following awards are available annually to pharmacy students who are in good academic standing. The college’s Scholarships and Awards Committee selects award recipients.

**Academy of Students of Pharmacy (ASP) Certificate of Recognition**—For the graduating student member who has made the greatest contribution to the College of Pharmacy Academy of Students of Pharmacy chapter.

**American Society of Health-System Pharmacists Student Leadership Award**—For a Pharm.D. I, II, or III student with demonstrated interest in institutional pharmacy practice, involvement and leadership in professional organizations, and academic excellence.

**American Pharmacists Association (APhA)/ASP Mortar and Pestle Professionalism Award**—For a graduating student demonstrating professionalism and excellence in patient care, leadership and involvement in professional organizations, and extracurricular activities.

**Award of Excellence in Clinical Communications**—For a Pharm.D. III or IV student demonstrating scholastic excellence and superior oral and written clinical communication skills. Sponsored by Facts and Comparisons.

**Award of Excellence in Nonprescription Medication Studies**—For a student demonstrating excellence in patient care in a community practice.

**Carol A. Beaty Memorial Award**—For the student demonstrating the greatest capability or interest in computer applications in pharmacy.

**John Y. Breckenridge Memorial Award**—For a Pharm.D. II student in recognition of outstanding scholastic achievement, professional potential, and leadership ability.

**Hallie Bruce Memorial Award**—For a graduating student with outstanding achievement in hospital pharmacy.

**College Board Pharm.D. III Award**—For outstanding contributions to and involvement in the profession, the college, and its students. Candidate must be active during the Pharm.D. III year.

**Community Service Award**—For a graduating student who has made significant contributions to community education.

**Dean’s Award**—For a student who has made significant contributions to the goals of the college.

**Dean’s Research Award**—For a Pharm.D. I, II, or III student in recognition of outstanding achievement in research activities.
Ole Gisvold Medicinal Chemistry Award—For a graduating student with an exceptional record in all chemistry-related courses in the professional curriculum and potential for graduate study in medicinal chemistry.

Kappa Epsilon Award—For a student member who has rendered outstanding service to the college.

Kappa Psi Pharmacopa Awards—For the editors of the Pharmacopa.

Kappa Psi Award—For a graduating student member for scholastic performance.

Deborah A. Kasper Memorial Award—For the Pharm.D. I student who has contributed most to class esprit de corps.

Izaak M. Kolthoff Rho Chi Research Award—For a graduating student who has contributed to and shown promise of excellence in research in pharmaceutical science.

Lilly Achievement Award—For a graduating student who exemplifies scholastic and professional achievement, leadership ability, and ethical conduct.

McKesson Drug Company Award—For the president of the Academy of Students of Pharmacy.

Merck Awards—For graduating students with outstanding scholastic achievement.

Metropolitan Professional Pharmacists Society Award—For the president of the College Board.

Minnesota Pharmacists Association (MPhA) Outstanding Student Award—For an outstanding Pharm.D. II student.

MPhA Patient Education Award—For a graduating MPhA/ASP student for skill and ability in public health education.

MPhA/ASP President’s Award—For the president of the Academy of Students of Pharmacy.

Minnesota Society of Health-System Pharmacists Outstanding Student Award—For a graduating student (first professional degree) for scholastic excellence, contributions, and demonstrated leadership in hospital pharmacy.

Mylan Pharmaceuticals Excellence In Pharmacy Award—For a graduating student demonstrating academic achievement, high professional motivation, and superior proficiency in providing drug information services.

Pfizer Pharmaceuticals Community Pharmacy Internship Award—For a graduating student demonstrating excellence in community pharmacy internship.

Pharmacists Mutual Award—For a Pharm.D. I student for scholastic achievement and extracurricular involvement.

Pharmacy Alumni Society Graduating Student Award—For a graduating student for scholastic excellence and extracurricular involvement.

Pharmacy Alumni Society Student Award—For a Pharm.D. I, II, or III student demonstrating enthusiasm and the ability to stimulate personal and professional growth among others.

Phi Delta Chi Award—For a graduating student member for outstanding service to the fraternity and the college.

Phi Delta Chi Scholarship Award—For a student member for outstanding scholarship in the first professional year.

Phi Lambda Sigma Award—For the outstanding graduating member of Phi Lambda Sigma.

Rho Chi Award—For the Pharm.D. I student who has earned the highest GPA.

Roche Pharmacy Communications Award—For a graduating student for outstanding instructions and guidance to patients in a clinical practice.

SmithKline Beecham Patient Care Award—For a graduating student demonstrating superior achievement in patient care.

T. O. Soine Memorial Award—For a Pharm.D. II student who has made significant contributions by enhancing interstudent communication, stimulating class spirit, and serving the needs of the college and its students.

Carol Windisch Memorial Award—For a student member of the Alpha Chapter of Kappa Epsilon for service to the community and fraternity, scholastic achievement, extracurricular activities, and leadership ability.

F. J. Wulling Pharm.D. I Award—For the student with the second highest GPA.

F. J. Wulling Pharm.D. II Award—For the student with the highest GPA.

F. J. Wulling Pharm.D. III Award—For the student with the highest GPA.
College of Pharmacy Policies

Pharmacy Student Code of Ethical Responsibility and Professional Behavior

Part I—The University of Minnesota Pharmacy Student Code of Ethical Responsibility and Professional Behavior (The Code) is established in the belief that central to any intellectual and professional endeavor is an atmosphere of mutual trust and respect, based on individual maintenance of community standards. Pharmacy education under a voluntary, individual system has a twofold obligation: to ensure observance of rules by its members and to report that its rules have been observed.

The hallmark of becoming a professional is that the individual is willing to undergo a transformation in awareness of his or her personal and social values, profess special personal and social values, and self-regulate his or her behavior and monitor the behavior of peers in terms of these special values.

It is not possible for a community to legislate morality, good sense, independence, learning, or judgment. Each of these is a matter of individual effort and discipline. However, an educational community can create an environment in which these attributes may be cultivated and allowed to flourish. Central to this environment is an awareness and an affirmation of the basic fact that every student’s pharmacy education is the product of his or her own intellectual effort. Therefore, every student who enrolls and remains at the University of Minnesota College of Pharmacy understands that to submit work that is not his or her own or to default on clinical obligations violates the purpose and spirit of pharmacy education.

When presented with an allegation that there has been a violation of The Code, the Academic Standing Committee carefully considers all relevant factors, using procedural due process as a guide to its action. Strict confidentiality is observed. The administration is in no way involved in the evaluation of a case. It is to be understood that intellectual responsibility is internal and that the standards delineated in this statement may or may not be those of the individual. However, the precepts of a community must be respected by all members of that community. The statement is planned as a broad outline of standards within which each student is expected to exercise her or his own judgment, the essence of any affirmative statement being each student’s pledge that she or he will uphold that statement’s principles.

Part II—In addition to the general principles of ethical conduct mentioned above, each student is bound by the following specific provisions as part of The Code:

1. Each student will respect intellectual and physical property and will not use such property without the owner’s permission.
2. Each student recognizes that academic misconduct is unacceptable behavior for students in a professional school and is a violation of The Code. Academic misconduct includes, but is not limited to, falsification (willfully providing University offices or officials with false, misleading, or incomplete information); cheating on assignments or examinations; plagiarizing; altering, forging, or misusing a University academic record; taking and acquiring or using test materials without faculty permission.
3. Each student recognizes the right and obligation of the University of Minnesota College of Pharmacy faculty to establish and maintain high standards of academic performance. Examinations taken at the College of Pharmacy will represent the student’s individual efforts only; the student will not use information provided during the examination by other individuals, notes, textbooks, or other references except as specified by the evaluator.
4. Each student recognizes that his or her primary responsibility while on clinical clerkships is the care of his or her patients and that patients’ welfare has precedence over a student’s personal educational objectives. The student will respect each patient’s privacy and dignity and will maintain confidentiality with regard to information about patients. Each student recognizes his or her responsibility to consult with the house staff, preceptor, or attending physician regarding each patient’s management.

1 Adapted from a similar statement adopted by the Medical School Student Council.
(5) Each student recognizes that part of her or his clinical obligations includes providing coverage when assigned (e.g., at clinics, at night, or on weekends). When such an assignment is made, a student will abide by it or make suitable alternative arrangements with the faculty member who made the assignment. If a student is convinced that such an assignment is inappropriate, the matter must be discussed with the Director or Assistant Director of Experiential Education.

(6) A violation of The Code occurs if the Academic Standing Committee finds in a hearing, at which the student must be present, that
(a) based on all evidence it is clear and convincing that the act or acts alleged to have occurred did in fact occur, and
(b) such act or acts so found are prohibited by The Code.

(7) Students found by the Academic Standing Committee to be guilty of a violation of The Code are subject to disciplinary action that will range from failure in the course to dismissal from the college.

(8) Appeals of Academic Standing Committee decisions may be made by students to the President’s Student Behavior Review Panel within ten days of the decision.

Part III—Upon accepting a class place in the University of Minnesota College of Pharmacy, each student will be asked to sign the following statement:

I hereby affirm that I have read and understand the provisions and stipulations of the University of Minnesota Pharmacy Student Code of Ethical Responsibility and Professional Behavior.

Each student who is unwilling to sign this statement is required to submit to the Academic Standing Committee for its approval a statement of his or her own, addressing the ethical responsibilities involved in academic conduct, examination policy, and patient care.

In the event that a student witnesses what she or he believes to be a violation of The Code by another student, that student may report her or his suspicions to a member of the Academic Standing Committee or to the course instructor.

**Immunization Policy**

Students born after 1956 who take more than one University course are required under Minnesota law to submit an Immunization Record form. In addition, pharmacy students must document receipt of a second red measles immunization and a Hepatitis B series. The Hepatitis B series consists of three shots given over a period of six months; students must have at least two of the three shots before enrollment.

**Grading Policies**

The College of Pharmacy uses the A-B-C-D-F (A-F) and satisfactory-no credit (S-N) grading systems. All required prepharmacy and professional courses must be taken A-F unless the only grade option available is S-N. General education courses may be taken S-N.

Instead of receiving letter grades, students may be assigned one of three registration symbols: W (withdrawal) for official cancellation of a course after the second week of the quarter; V (visitor) for noncredit registration as a visitor; and I (incomplete) for a course in which work will be completed by the end of the next quarter of residence. Students must make up incompletes by the end of the next quarter or the I changes to F or N.

A GPA is computed quarterly for each student, using a 4.00 scale. This GPA is printed on the student’s official transcript. S and N grades, for which no grade points are awarded, are not computed into the University GPA. The college computes two separate GPAs for its students—the overall GPA, which includes all coursework completed since entering the College of Pharmacy, and the required GPA, which is based on required professional coursework completed in the college.

**Academic Standing Policies**

The Academic Standing Committee consists of four faculty members and one student. This committee meets regularly to monitor the academic progress of students, consider petitions from students who wish to depart from the established program requirements or have a requirement waived, and adjudicate accusations of student misconduct. The following is a list of the college’s academic standing policies.
(1) The committee periodically reviews the progress of students and can place students on probation at any time. Students on probation may be dismissed from the college if they are not making satisfactory academic progress. The committee informs students by mail of its actions.

(2) Students who accumulate more than six credits of F, I, or N grades or more than a total of 12 credits of F, I, N, or D grades in required professional courses are not allowed to advance to the fall quarter of the next academic year. These students will be either dismissed from the college or, if their performance merits a second chance, required to repeat all courses for which they earned grades of F or N. The committee usually requires these students to repeat courses in which they received grades of D.

(3) Students who repeat courses must reregister for the courses.

(4) Students who have an overall GPA or required GPA of less than 2.00 are placed on probation. These students will be reviewed periodically and may be dismissed from the college if they are not making satisfactory progress.

(5) Students who earn more than one F, I, or N grade in required courses in one academic year will be placed on probation and continued on probation for the academic year.

(6) Students who fail a required professional course must repeat that course. Students who fail twice will be dismissed from the college.

(7) Students who earn an F or I in more than one required clerkship will be placed on probation or dismissed from the college. Students cannot make further progress toward the degree until making up at least one of the required clerkships.

(8) Students who are dismissed from the college and wish to appeal must present information that was not available at the time of their dismissal and has a direct bearing on their academic performance. This information must be presented to the associate dean within four weeks of the dismissal decision. If the associate dean decides the information is new and substantial, the Academic Standing Committee will reconsider the dismissal decision. Students who wish to be considered for readmission must apply through the admission application process.

(9) Students must satisfactorily complete required professional courses and have a GPA (overall and required) of at least 2.00 before beginning externships or clerkships.

(10) Students may have no more than four special examinations in prepharmacy coursework or course waivers in required pharmacy coursework.

(11) A course waiver is in effect for six years from the date the course waiver form was signed.

(12) The professional pharmacy program is a full-time continuous program. Students must petition the Academic Standing Committee to extend their programs. Students must request a leave of absence if they will not be enrolled for a period of time in which required classes are scheduled. When a part-time schedule is granted, the committee will determine the program of study the student must follow.

Graduation Requirements

Degrees from the University of Minnesota are granted by the Board of Regents on the recommendation of the College of Pharmacy faculty. To be granted a degree, a student must:

(1) meet all prepharmacy course requirements (waived for students who have a B.S. in pharmacy from a college accredited by the American Council on Pharmaceutical Education);

(2) meet all professional course requirements;

(3) earn minimum overall and professional GPAs of 2.00;

(4) have no more than 12 credits of D grades;

(5) complete 45 quarter credits in general education courses (waived for students who have a B.S. in pharmacy from a college accredited by the American Council on Pharmaceutical Education);

(6) earn a minimum of 45 quarter credits at the University of Minnesota; and

(7) meet all financial obligations to the University.
Chemical Dependency Policy

The University of Minnesota College of Pharmacy supports the efforts of chemically dependent students to become free of their dependency problems. In dealing with chemically dependent students, the college’s procedure involves intervention and requiring students to join treatment and rehabilitation programs. This procedure was established to ensure the safety of patients with whom students may come in contact and to protect the interests of patients, students, the college, and faculty.

The following steps are taken as soon as a student has been identified as having chemical dependency problems.

1. The student is granted a medical leave of absence by the Academic Standing Committee if he or she is participating in educational activities that involve direct patient contact (e.g., clinical clerkships or externships). The request for a leave may be initiated by the student or the associate dean. Students participating in educational activities that do not involve direct patient contact are not required to take a medical leave of absence.

2. The associate dean advises the student to enroll in a chemical dependency treatment program or a different mode of treatment contingent on the associate dean’s approval. The student must provide the college with evidence of successful completion of the treatment program.

3. The associate dean advises the student to join a sobriety support group, e.g., Pharmacists Aiding Pharmacists, after completion of the treatment program.

4. The student is asked to give the associate dean permission to solicit letters of reference from counselors, employers, or members of the sobriety support group to monitor the progress of the student’s rehabilitation program.

5. The student is asked to agree to give urine samples at any time, without prior notification, for detection of drugs of abuse.

6. The associate dean makes recommendations to the Academic Standing Committee to terminate the student’s medical leave of absence and allow the student to participate in educational activities that do not involve direct patient contact after obtaining evidence that the student has completed the treatment program and is participating in the rehabilitation program.

7. The associate dean makes recommendations to the Academic Standing Committee to permit the student to participate in educational activities involving direct patient contact after obtaining evidence that the student has been chemically free for at least ten weeks.

8. If the student is a licensed pharmacist and her or his license was suspended because of chemical dependency, the State Board of Pharmacy lifting the suspension may be used as evidence of sobriety and is a prerequisite for participation in educational activities involving direct patient contact. However, the license suspension being lifted does not obligate the college to allow the student to participate in educational activities that involve direct patient contact.

9. Office of Student Affairs & Admissions staff are not required to report to the Academic Standing Committee on students who initiate information about a personal chemical dependency problem while being counseled. The staff may report such information to the associate dean.

10. The Academic Standing Committee may dismiss from the college students who have a recurrence of chemical dependency problems after completing the treatment and rehabilitation program described above.

11. If the student and the associate dean do not reach an agreement on a treatment and rehabilitation program, either may request a hearing by the Academic Standing Committee. The committee carefully considers all relevant factors, using procedural due process as a guide to its action. The student may appeal the Academic Standing Committee’s decisions to the President’s Student Behavior Review Panel within ten days of the decision.