This is the Introduction and General Information sections of the 1996-1999 University of Minnesota College of Natural Resources 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.

Policies

Bulletin Use—The University of Minnesota will change to a semester-based academic calendar beginning academic year 1999-2000. This bulletin is the last quarter-based bulletin that will be produced for the College of Natural Resources. It covers academic years 1996-97, 1997-98, and 1998-99. Information about semester-based academic programs will be provided in the fall of 1998 in semester-transition publications.

The information in this bulletin and other University bulletins, publications, or announcements is subject to change without notice. University offices can provide current information about possible changes.

This publication is available in alternative formats upon request. Please contact the Office of Admissions, University of Minnesota, 240 Williamson Hall, 231 Pillsbury Drive S.E., Minneapolis, MN 55455 (612/625-2008; e-mail admissions@tc.umn.edu).

This bulletin also is available in electronic format on Internet and may be accessed via the World Wide Web.

Course Guide—The Course Guide, a quarterly publication distributed at the University Bookstores, provides course information in addition to college bulletins and the Class Schedule.

Equal Opportunity—The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, color, creed, religion, national origin, sex, age, marital status, disability, public assistance status, veteran status, or sexual orientation.

In adhering to this policy, the University abides by the Minnesota Human Rights Act, Minnesota
Statute Ch. 363; by the Federal Civil Rights Act, 42 U.S.C. 2000e; by the requirements of Title IX of the Education Amendments of 1972; by Sections 503 and 504 of the Rehabilitation Act of 1973; by the Americans With Disabilities Act of 1990; by Executive Order 11246, as amended; by 38 U.S.C. 2012, the Vietnam Era Veterans Readjustment Assistance Act of 1972, as amended; and by other applicable statutes and regulations relating to equality of opportunity.

Inquiries regarding compliance may be directed to Stephanie Lieberman, Director, Office of Equal Opportunity and Affirmative Action, University of Minnesota, 419 Morrill Hall, 100 Church Street S.E., Minneapolis, MN 55455 (612/624-9547).

Access to Student Educational Records—In accordance with regents’ policy on access to student records, information about a student generally may not be released to a third party without the student’s permission. (Exceptions under the law include state and federal educational and financial aid institutions.) The policy also permits students to review their educational records and to challenge the contents of those records.

Some student information—name, address, electronic (e-mail) address, telephone number, dates of enrollment and enrollment status (full time, part time, not enrolled, withdrawn and date of withdrawal), college and class, major, adviser, academic awards and honors received, and degrees earned—is considered public or directory information. Students may prevent the release of public information only during their terms of enrollment. To do so, they must notify the records office on their campus.

Students have the right to review their educational records. The regents’ policy, including a directory of student records, is available for review at 150 Williamson Hall, Minneapolis, and at records offices on other campuses of the University. Questions may be directed to the Office of the Registrar, 150 Williamson Hall (612/625-5333).

Immunization—Students born after 1956 who take more than one University class are required under Minnesota law to submit an Immunization Record form.

The form, which is sent along with the official University admission letter, must be filled out and returned to Boynton Health Service within 45 days of the first term of enrollment in order for students to continue registering for classes at the University. Complete instructions accompany the form.

Extracurricular Events—No extracurricular events requiring student participation may be scheduled from the beginning of study day to the end of finals week. Exceptions to this policy may be granted by the Senate Committee on Educational Policy. The Senate advises all faculty that any exemption granted pursuant to this policy shall be honored and that students who are unable to complete course requirements during finals week shall be provided an alternative and timely opportunity to do so.

Smoke-Free Campus Policy—Smoking is prohibited in all facilities of the University of Minnesota, Twin Cities campus except for designated private residence hall rooms.

Career Opportunities

Some College of Natural Resources (CNR) programs offer excellent employment opportunities. Forest products majors, particularly those pursuing a specialization in paper science and engineering, find the job market very strong. Starting salaries for these graduates range from $38,000 to $43,000 per year. Other forest products specializations such as production management also offer excellent job opportunities.

Forest resources graduates generally find an improved job market, partially due to fewer graduates nationwide. Recent budget cutbacks have limited opportunities to some degree with government agencies such as the U.S. Forest Service. The forest industry, Minnesota Department of Natural Resources, and county forestry programs are typical employers. Starting salaries for forestry graduates typically range from $19,000 to $28,000 per year. Urban forestry and recreation resource management graduates with flexibility in location enjoy a strong employment outlook.

Natural resources and environmental studies graduates have experienced relatively good job opportunities. Environmental consulting firms, soil and water conservation districts, Minnesota DNR, Minnesota Pollution Control Agency, and waste
management firms and recycling centers are just some of the recent employers. Other employers include environmental learning and nature centers; federal agencies such as the U.S. Forest Service, Natural Resources Conservation Service, and Bureau of Land Management; and nonprofit organizations such as the Nature Conservancy.

Fisheries and wildlife graduates have also experienced relatively good job opportunities. However, these graduates should be flexible in choosing where to work, maintain above average academic records, and gain related work experience before graduation. A master’s degree is advantageous. Starting salaries for fisheries and wildlife graduates typically range from $19,000 to $28,000 per year.

CNR offers assistance and advice to students seeking summer jobs and internships in fisheries and wildlife, forestry, forest products industries, outdoor recreation, and the environment, as well as permanent employment after graduation. Job search assistance for all students, except forest products majors, is provided by the career opportunities coordinator in 135 Natural Resources Administration Building. Many faculty also advise and assist students with job searches especially in highly specialized areas such as paper science and engineering. A series of special employment seminars are provided by the Career Opportunities office on topics including résumé writing, interviewing, initiating internship job searches, and summer/seasonal intern hiring updates. Each department also requires an orientation class for incoming students that provides interaction with faculty and alumni in their chosen professional field.

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**Letter From the Dean**

Never has there been a more exciting time to be involved in natural resources and environmental sciences. Today’s society is becoming increasingly aware of the direct link between the proper management of our natural resources and our own environmental, economic, and social health. Here at the College of Natural Resources our mission is to foster a quality environment by contributing to the management, protection, and sustainable use of our natural resources through teaching, research, and outreach. I truly believe the educational opportunities you find described in this bulletin will encourage you to join us as we strive to accomplish this mission.

As a student in the college you will have the option to major in forest resources, forest products, recreation resource management, urban forestry, or fisheries and wildlife. Another option is our natural resources and environmental studies major that focuses on the interaction between natural resources and modern society and the social and environmental roles natural resources play nationally and internationally. Specific information on any of these majors is contained in the following pages.

Continuously accredited since 1935, the College of Natural Resources is recognized as one of the leading colleges of its kind in the nation today. Building on our rich history and past successes, we continue to strive for excellence through the quality of the faculty and students we draw, as well as our strong alumni connections to industry, public agencies, research, and education.

Please consider becoming a member of our small and spirited community. I know you will not be disappointed.

Alfred D. Sullivan
Dean, College of Natural Resources
Facilities

CNR is based in five buildings on the St. Paul campus: the Natural Resources Administration Building, Green Hall, the Kaufert Laboratory of Forest Products and Wood Science, Hodson Hall, and the Engineering and Fisheries Laboratory.

The Dean’s Office, Office for Student Affairs, Cold Weather Climate Housing Information Center, Forestry Library, and CNR computer laboratory are located in the Natural Resources Administration Building. The Department of Forest Resources, Graduate Studies Office, Remote Sensing Laboratory, and some Department of Fisheries and Wildlife faculty and graduate student offices are located in Green Hall.

The Department of Forest Products is in the Kaufert Laboratory, which has well equipped laboratories for teaching and research in wood products manufacturing, wood chemistry, mechanical testing, biodeterioration, and wood drying. The Department of Fisheries and Wildlife office, library, laboratories, and lecture and faculty facilities are in Hodson Hall and the Engineering and Fisheries Laboratory. Also on the St. Paul campus, adjacent to college facilities, is the regional headquarters of the North Central Forest Experiment Station of the U.S. Forest Service.

CNR uses several field centers for its programs: The University’s Lake Itasca Forestry and Biological Station is located in Itasca State Park in north central Minnesota. Minnesota’s largest state park embraces 50 square miles of virgin and second-growth forest, bogs, streams, and lakes, including Lake Itasca, the source of the Mississippi River. The station offers housing, dining, library, and laboratory facilities. Fisheries and Wildlife, Forest Resources, and Urban Forestry majors spend a 31/2-week summer term at the station studying botany, ecology, fisheries and wildlife techniques, and forest measurement.

The college’s Cloquet Forestry Center includes more than 3,700 acres of virgin and second-growth timber in a major forest products manufacturing area of northeastern Minnesota. Forest Resources seniors spend their fall quarter at the center taking 17 credits of field-oriented instruction. Students interact with representatives of local industries and nearby state and federal resource agencies. The center has housing, dining, classroom, laboratory, and library facilities.

The 300-acre John H. Allison Forest, about 10 miles from the St. Paul campus, is available for field laboratory work throughout the year.

Other field experiences—such as the industrial forest lands of the southern United States, and the Lake States’ forest products mills and factories—are also available to students.

Degrees Offered

Baccalaureate Degrees—The bachelor of science (B.S.) degree is awarded to CNR students who satisfactorily complete 192 required and elective credits in one of five major programs: fisheries and wildlife, forest products, forest resources, recreation resource management, or urban forestry. The B.S. degree is awarded to CNR students who satisfactorily complete 180 required and elective credits in the natural resources and environmental studies program. Curricular requirements are fully explained in the Baccalaureate Programs section of this bulletin. The degree may be earned “with distinction” or “with high distinction.”

Graduate Degrees—The master of science (M.S.) and the doctor of philosophy (Ph.D.) in forestry, fisheries, or wildlife conservation, and the master of forestry (M.F.) degrees are offered through the Graduate School in cooperation with CNR. For detailed information, contact the appropriate director of graduate studies, 301 Green Hall (612/624-2774) for forestry, 200 Hodson Hall (612/624-3600) for fisheries and wildlife, or the Graduate School Bulletin. Interested students should apply for admission through the Graduate School, 306 Johnston Hall, 101 Pleasant Street S.E., Minneapolis, MN 55455 (612/625-3014).

Administration

Undergraduate curricula of CNR are organized within three departments: fisheries and wildlife (200 Hodson Hall); forest products (203 Kaufert Laboratory); and forest resources (115 Green Hall), which includes the recreation resource management and urban forestry programs. The college also offers the natural
resources and environmental studies curriculum. The chief administrator of each department is the department head.

Each department has a Student Scholastic Standing Committee, composed of faculty members, that is responsible for interpreting and administering college policies and requirements regarding admission, transfer of credit, curricula, academic standards, student credit loads, and other academic matters.

CNR Office for Student Affairs, 135 Natural Resources Administration Building, provides admission, registration, advising, placement, and other assistance to all undergraduates.

Admission

Undergraduates seeking admission to CNR should apply through the Office of Admissions, 240 Williamson Hall, 231 Pillsbury Drive S.E., Minneapolis, MN 55455 (612/625-2008). A $25 nonrefundable application fee is required.

Freshman Admission—High school graduates must submit scores from the Preliminary Scholastic Aptitude Test (PSAT), Scholastic Aptitude Test (SAT), or American College Test (ACT) along with their high school rank percentile (HSR).

The formulas below show how to calculate the ACT or SAT “Aptitude Rating” using a student’s high school rank percentile and ACT or SAT test scores. If the Aptitude Rating falls at or above the number indicated for the college that a student plans to enter, the student will be admitted automatically, provided the student also has completed the high school preparation requirements below. If the Aptitude Rating falls below the number indicated, the application will be reviewed through the University’s individual review process.

<table>
<thead>
<tr>
<th>Formula</th>
<th>Minimum Score</th>
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<tbody>
<tr>
<td><strong>AAR</strong> (ACT Aptitude Rating, for students who have taken the ACT) HSR percentile + (2 x ACT composite score)</td>
<td>110</td>
</tr>
<tr>
<td><strong>SAR</strong> (SAT Aptitude Rating, for students who have taken the SAT) HSR percentile + (SAT verbal ÷ 10 + SAT math ÷ 10)</td>
<td>160</td>
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Students seeking admission will be expected to have completed at least the following courses while in high school (grades 9-12):

1) FOUR YEARS OF ENGLISH with emphasis on writing, including instruction in reading and speaking skills and in literary understanding and appreciation;
2) TWO YEARS OF SOCIAL STUDIES, including U.S. history;
3) THREE YEARS OF MATHEMATICS, including one year each of elementary algebra, geometry, and intermediate algebra;
4) THREE YEARS OF SCIENCE, including one year each of biological and physical science;
5) TWO YEARS OF A SINGLE SECOND LANGUAGE.

Admission applicants who attain at least the minimum score and meet course requirements will be admitted routinely. Others will be considered on an individual basis, taking into account factors such as high school performance and educational objectives.

Transfer Admission—Appropriate credits earned at other accredited colleges and universities or within other units of the University may be applied toward CNR programs. Most students find they must transfer before their junior year to meet residence and upper-level course requirements of CNR.

Credits earned through special examination or University College/Continuing Education and Extension may transfer to CNR.

Adult Special Admission—Students may be admitted, after college approval, as adult specials. Such students are not degree candidates, but complete courses to satisfy individual needs.
Planning to Transfer?

Minnesota’s public colleges and universities are working to make transfer easier. You can help if you PLAN AHEAD, ASK QUESTIONS, and USE PATHWAYS created by transfer agreements.

Preparing for Transfer

If you are currently enrolled in a college or university:

• Discuss your plans with the campus transfer specialist in the Office for Student Affairs, 135 Natural Resources Administration Building.

• Call or visit your intended transfer college. You should obtain the following materials and information:
  — college catalog
  — transfer brochure
  — information on admissions criteria and on materials required for admission (e.g., portfolio, transcripts, test scores). Note that some majors have limited enrollments or their own special requirements such as a higher grade point average.
  — information on financial aid (how to apply and by what date)

• After you have reviewed these materials, make an appointment to talk with an adviser/counselor in the college or program you want to enter. Be sure to ask about course transfer and admission criteria.

If you are not currently enrolled in a college or university, you might begin by meeting with a transfer specialist or an admission officer at your intended transfer college to plan the steps you need to take.

Understanding How Transfer of Credit Works

• The receiving college or university decides what credits transfer and whether those credits meet its degree requirements. The accreditation of both your sending and your receiving institution can affect the transfer of the credits you earn.

• Institutions accept credits from courses and programs like those they offer. They look for similarity in course goals, content, and level. “Like” transfers to “like.”

• Not everything that transfers will help you graduate. Baccalaureate degree programs usually count credits in three categories: general education, major/minor courses and prerequisites, and electives. The key question is, “Will your credits fulfill requirements of the degree or program you choose?”

• If you change your career goal or major, you might not be able to complete all degree requirements within the usual number of graduation credits.

Applying for Transfer Admission

• Application for admission is always the first step in transferring. Fill out the application as early as you can prior to the deadline. Enclose the application fee.

• Request that official transcripts be sent from every institution you have attended. You might be required to provide a high school transcript or GED test scores as well.

• Recheck to be certain you supplied the college or university with all the necessary paperwork. Most colleges make no decisions until all required documents are in your file.

• If you have heard nothing from your intended college of transfer after one month, call to check on the status of your application.

• After the college notifies you that you have been accepted for admission, your transcripted credits will be evaluated for transfer. A written evaluation should tell you which courses transfer and which do not. How your courses specifically meet degree requirements may not be decided until you arrive for orientation or have chosen a major.

• If you have questions about your evaluation, call the Office of Admissions and ask to speak with a credit evaluator. Ask why judgments were made about specific
courses. Many concerns can be cleared up if you understand why decisions were made. If not satisfied, you can appeal. See “Your Rights as a Transfer Student” below.

Your Rights as a Transfer Student

- A clear, understandable statement of an institution’s transfer policy.
- A fair credit review and an explanation of why credits were or were not accepted.
- A copy of the formal appeals process.

Usual appeals steps are: 1) Student fills out an appeals form. Supplemental information you provide to reviewers—a syllabus, course description, or reading list—can help. 2) Department or committee will review. 3) Student receives, in writing, the outcome of the appeal. 4) Student can appeal decision to the Office for Student Affairs, 135 Natural Resources Administration Building.

- At your request, a review of your eligibility for financial aid or scholarships.

For help with your transfer questions or problems, see your campus transfer specialist.

Residence and Reciprocity

Residence—Because the University is a state institution, Minnesota residents pay lower tuition than nonresidents and, in many programs, receive priority consideration for admission. To qualify for resident status, students must reside in Minnesota for at least one calendar year before the first day of class attendance. 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.

Reciprocity—The University has reciprocity agreements with North Dakota, South Dakota, Wisconsin, and Manitoba. The University also participates in a reciprocity program with Kansas, Michigan, Missouri, and Nebraska, for students in the following undergraduate colleges: Agricultural, Food, and Environmental Sciences; Architecture and Landscape Architecture; Biological Sciences; Education and Human Development; Human Ecology; Natural Resources; Carlson School of Management; Pharmacy; Dental Hygiene; School of Nursing; and Institute of Technology. If you are a resident of any of these states or this province, you may qualify for reciprocity tuition rates, which are lower than nonresident tuition rates and, in some cases, comparable to resident rates. 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

Scholarships, grants, loans, and work-study programs available University-wide to eligible students are administered through the Office of Scholarships and Financial Aid, 210 Fraser Hall, 106 Pleasant Street S.E., Minneapolis, MN 55455 or 197 Coffey Hall, 1420 Eckles Avenue, St. Paul, MN 55108 (612/624-1665). Applications are available from either of these student financial aid offices and from most Minnesota high school guidance offices. Students should apply as soon as possible. The ACT Family Financial Statement is the official need analysis document used in selecting financial aid recipients.

Scholarships and awards available only to CNR students are listed below. These awards are administered by the college’s scholarship committees. Awards may vary each year depending on earnings and availability of funds. Those available to incoming freshmen and/or transfer students are normally awarded the spring before the academic year of their use. Contact CNR Office for Student Affairs for application information.

CNR Scholarships and Awards

Mary Dwight Akers Loan—Sponsor anonymous. Limited loans as needed and approved by the CNR scholarship chair. Up to $1,000 each.

John H. Allison Scholarship—Sponsored by former members of the Beta Chapter, Tau Phi Delta. For students with special interests in forest economics, forest management, and related areas. One $500 award annually.

Andersen Corporation Scholarships—Sponsored by Andersen Corporation, Bayport,
Minnesota. For forest products juniors and seniors in the marketing and production management specializations on the basis of academic achievement and professional promise. One or more $1,500 awards annually.

**Robert C. Bernard Memorial Scholarship**—Sponsored by Mrs. Lori Bernard and family and Georgia Pacific Corporation. Established to financially assist a deserving CNR student. One $1,000 award annually.

**R.M. Brown Scholarship**—Sponsored by donations to CNR. For a forest resources or natural resources and environmental studies senior with a special interest in mensuration or statistics. One $500 award annually.

**Carolinind Scholarships**—Sponsored by the late Dr. Ralph M. Lindgren. For deserving and outstanding undergraduates. Number per year varies. $500 each.

**E.G. Cheyney Memorial Scholarships**—Sponsored by the Minnesota Forestry Alumni Association. For juniors or seniors who have demonstrated outstanding ability and improvement in creative writing and speaking skills. One $300 award annually.

**Day Family Scholarship**—Sponsored by Vivian and Maurice Day and their son Norman Day. Awarded to a sophomore or junior studying forest management. One $500 award annually.

**Caleb Dorr Scholarships**—Sponsored by the Caleb D. Dorr Fund. For the student in each class with the highest grade point average. Four $500 awards annually.

**Edward A. Everett Memorial Scholarship**—Sponsored by the late Edward A. Everett. For upper division forestry students on the basis of financial need, acceptable scholarship, and professional promise. Number per year varies. $500 each.

**Federated Garden Clubs of Minnesota Scholarships**—Sponsored by the Federated Garden Clubs of Minnesota. For forestry students on the basis of special interest in urban forestry, academic aptitude, and personal attributes. Number and amount per year varies. Usually $200 each.

**Forest Products Marketing Scholarships**—Sponsored by the Forest Industry Fraternity of Minneapolis and St. Paul. For deserving and promising forest products juniors or seniors in the marketing specialization. One or two $1,000 awards annually.

**Thomas W. French Memorial Scholarship**—Sponsored by Dr. David and Audrey French. For juniors and seniors. Recipient must have strong interest in urban forestry and a high degree of professional promise. One or more $1,000 awards annually.

**Robert L. Goudy Memorial Scholarships**—Sponsored by Mr. and Mrs. F.X. Corbett, Georgetown, Colorado. For outstanding incoming forest resources transfer students on the basis of academic ability, vocational promise, extracurricular activities, personality, and financial need. Two $300 awards annually.

**Samuel B. Green Scholarship Medal**—Sponsored by the late Mrs. Samuel B. Green in memory of her husband. For the senior with the highest grade point average at the end of fall quarter. One honorary medal annually.

**Frank H. Kaufert Scholar**—Sponsored by CNR alumni and friends. For students within three quarters of graduation on the basis of academic accomplishments, progress toward degree, and leadership and professional promise. One or more $2,500 awards annually.

**Dayton Kirkham Scholarship**—Sponsored by the late Mr. Dayton Kirkham. For entering high school seniors and transfer students on the basis of outstanding academic ability and strong desire to pursue careers in natural resource management. One to two $750 awards ($4,500 total for four years) are available to entering first-year students and three $1,250 awards ($2,750 total for two years) to transfer students.

**Timothy B. Knopp Memorial Scholarship**—Sponsored by the Timothy Knopp family and friends for a junior or senior on the basis of demonstrated environmental awareness and interest in the ethics of conservation, and a high degree of professional promise and scholarship. One $500 award annually.

**Ludden Scholarship**—Sponsored by the Ludden Trust Fund of the Institute of Agriculture, Forestry, and Home Economics. For undergraduates on the basis of professional commitment, financial need, student organization involvement, and personal attributes. One $1,000 award annually.
Oscar L. Mather Scholarship—Sponsored by the Minnesota Federation of Women’s Clubs and Mrs. Oscar L. Mather, Madison Lakes, MN, in memory of her husband. Book awarded to a forestry student displaying outstanding scholarship, leadership, and character.

Ken Merriam Scholarship—Sponsored by Dr. Lawrence Merriam. For a physically handicapped and/or recreation resource management junior or senior. Professional promise emphasized. One or more $750 awards annually.

William R. Miles Scholarship—Sponsored by the William R. Miles Fund. For a forest resources junior on the basis of professional promise, character and integrity, academic aptitude, and leadership. One or more $500 awards annually.

C.J. Mulrooney Endowed Memorial Scholarships—Sponsored by WCCO AM and FM Radio and Television. For forest products juniors and seniors with a specialization in marketing or production management. One or more $2,500 awards annually.

Mutual of Omaha Marlin Perkins Scholarship—Sponsored by Mutual of Omaha. For a student with senior class standing, a desire to work in wildlife conservation, natural resources management, or environmental education. One $1,000 award annually.

Natural Resources Alumni Society Scholarship—Sponsored by the Natural Resources Alumni Society. For juniors and seniors on the basis of student involvement in college-related activities, professional promise, leadership, personal attributes, and academic aptitude. Six $1,000 awards annually.

Leiton Nelson Scholarship—Sponsored by L. E. Nelson Endowment. For a forest resources or forest products senior demonstrating outstanding academic ability and strong professional promise. One $1,200 award alternate years. (Available to qualified graduate student for interim year.)

Charles Lathrop Pack Awards in Forestry—Sponsored by the Charles Lathrop Pack Foundation. For regularly enrolled undergraduates who write the best essays on current forestry or conservation subjects. Three awards annually of $300, $200, and $100.

Paper Chase Scholarship—Sponsored by BE&K, Inc. For a paper science and engineering student preparing to work as an engineer in the pulp, paper, and allied support industries. One or more $500 to $1,000 awards annually.

Paper Science and Engineering Scholarships—Sponsored by manufacturing and supply companies representing the pulp, paper, and allied support industries, and by paper science and engineering alumni. Administered by the University of Minnesota Paper Science and Engineering Council and the Department of Forest Products. For paper science and engineering students on the basis of academic performance and professional promise. $600 for freshmen, $1,200 for sophomores, $1,800 for juniors, and $2,400 for seniors—total of $6,000. Current sponsors include Akrosil, Division of International Paper; Albany International; Appleton Papers, Inc.; BE&K, Inc.; Betz Laboratories, Inc.; Blandin Paper Company; Boise Cascade Corporation; Buckman Laboratories, Inc.; Champion International; Consolidated Papers Foundation, Inc.; Cross Pointe Paper Corp.; Diversey Wyandotte; Englehard Corporation; H.B. Fuller Company Foundation; Henkel Chemical Company; Hennepin Paper Company; Hercules, Inc.; Jefferson Smurfit; Lake States Section, Technical Association of the Pulp and Paper Industry (TAPPI); Lake Superior Paper Industries; 3M Paper Technology Center; Minnesota Forestry Association; Nalco Chemical Company; Nekoosa Packaging; North Central Division, Packaging Corporation of America; Paper Industry Management Association (PIMA); Penford Products Company; Potlatch Foundation for Higher Education; Repap Wisconsin, Inc.; Waldorf Corporation; and alumni and personal contributors.

Kimberley Ann Paulsen Scholarship—Sponsored by the Paulsen family and friends. For undergraduates in the natural resources and environmental studies curriculum on the basis of financial need, environmental awareness, leadership, and academic achievement. One $500 award annually.
Robert D. Peterson Writing Skill Award—Sponsored by the Robert D. Peterson Award Fund. Open to all sophomores, juniors, and seniors. Recognizes outstanding effort and ability related to communication skills. One or more $1,000 awards annually.

A.G. Roan Scholarship—Sponsored by Mrs. A.G. Roan and family. Available to a junior or senior demonstrating a strong conservation ethic. One or more $500 to $1,000 awards annually.

Henry Schmitz Forest Products Engineering Scholarship—Sponsored by Dr. Stanley J. and Mertie W. Buckman, Memphis, Tennessee. For a forest products junior or senior on the basis of academic achievement and professional promise. One or more $1,000 awards annually.

Henry Schmitz Student Leadership Awards—Sponsored by Dr. Stanley J. and Mertie W. Buckman, Memphis, Tennessee. For juniors or seniors on the basis of demonstrated leadership and acceptable scholarship. Two to five $500 awards annually.

Augustus L. Searle Scholarship—Sponsored by Augustus L. Searle. For women in the college with preference given to Minnesota residents. Number per year varies. $500 each.

J. Donald Smith Award—Sponsored by J. Donald Smith Memorial Fund. Book awarded to a senior in fisheries and wildlife on the basis of academic achievement and professional promise.

K.E. Winsness Scholarship—Sponsored by family and friends of the late Professor Winsness. For a junior or senior in CNR who is pursuing a degree while coping with unusual hardships. One or more $500 awards annually.

Helen A. Young Memorial Scholarship—Sponsored by John Young, Rochester, Minnesota. To help qualified, competent, and needy students start and complete their forestry education. One $200 award annually.

Student Activities

Governance—Students may participate in governance activities at the department, college, and campus levels. Within each department, several committees (including curriculum committees) have student representatives. Students also serve on CNR committees and on the college’s Student-Faculty Board, which advises the dean on student problems and concerns. Students also participate in the St. Paul Campus Board of Colleges, which directs student activities and acts as a liaison between the student body and administration, and on the Student Center Board of Governors, which establishes programs, operation policies, and budgets for the St. Paul Student Center.

Clubs—Student clubs in the college include the Environmental Studies Club, Forestry Club, student chapter of the Society of American Foresters, Recreation Resource Management Club, Forest Products Society—Student Chapter, Technical Association of the Pulp and Paper Industry (TAPPI), Paper Industry Management Association (PIMA), Fisheries and Wildlife Club (with an affiliated student chapter of The Wildlife Society), Minnesota Women in Natural Resources Student Organization, and Xi Sigma Pi Honor Society. Through these clubs, students hold an annual Forester’s Day, support a scholarship fund by selling Christmas trees, attend events such as the Midwest Fish and Wildlife Conclave and the Midwestern Foresters Conclave, and produce and market wood identification kits. Xi Sigma Pi Honor Society holds an annual banquet and administers a student speakers bureau.

University Counseling and Consulting Services

University Counseling and Consulting Services (UCCS) offers counseling for academic, career, personal, or relationship concerns. Besides counseling, UCCS features a variety of services. The Career Resource Center and the Learning and Academic Skills Center offer workshops, courses, and materials for career development or academic skills improvement. The Organizational Development Program offers consultation, assessment, team building, conflict mediation, training, and workshops. UCCS’s Measurement Services office administers tests; scores exams, surveys, and research instruments for University faculty; and operates the Minnesota Statewide Testing Program for Minnesota elementary and secondary schools. The Testing Center administers admissions, placement, and national tests.