COLLEGE OF ENGINEERING

DESCRIPTION
Lance C. Pérez, Ph.D., Dean
Sohrab Asgarpoor, Ph.D., Associate Dean for Undergraduate Programs

Engineering Student Services
107 Peter Kiewit Institute
1110 South 67th Street
Omaha, NE 68182
402.554.3562

Website: https://engineering.unl.edu/

ROLE AND MISSION

The College of Engineering improves the lives of every Nebraskan. We pursue this vision through our shared values of Community, Impact, and Inclusion. These values are embedded in and strengthened by the academic ideals of the university, the ethos of Nebraskans, and the principles of the entire Nebraska Engineering Community.

Our mission is to drive economic development in the state and region while solving problems of global importance. The College of Engineering will fulfill this mission through our deep commitment to engineering, computing, and construction education, research, and engagement. As the only engineering college in Nebraska, we have a particularly strong mandate to the state to ensure our resources and opportunities are accessible to all Nebraskans.

An essential and distinctive pillar of our mission is the notion of the Complete Engineer®. At its most fundamental, the Complete Engineer® is a commitment by the college to the development of every student, staff member, and faculty member in technical, professional, and personal dimensions. It enables each individual to become the best version of themselves in support of the fulfillment of the college’s mission and reinforces the values of Community, Impact, and Inclusion.

ADMINISTRATIVE STRUCTURE

The College of Engineering is located on three campuses (Lincoln City Campus, Lincoln East Campus, and Scott Campus in Omaha) and has two Dean's Offices, 114 Othmer Hall (OTHM) in Lincoln and 301 Peter Kiewit Institute (PKI) in Omaha. The College is subdivided into units, each under the leadership of a chairperson, department head, or director.

ADMISSION

College Entrance Requirements

Students must have high school credit for (one unit is equal to one high school year):

1. Mathematics - 4 units: 2 of algebra, 1 of geometry, and 1 of precalculus and trigonometry
2. English - 4 units
3. Natural sciences - 3 units that must include 1 unit of physics and 1 unit of chemistry (chemistry requirement waived for students in construction management)
4. Foreign language - 2 units of a single foreign language
5. Social studies - 3 units

6. Students having a composite ACT score of 28 or greater (or equivalent SAT score) will be admitted to the College of Engineering even if they lack any one of the following: trigonometry, chemistry, or physics. Students without test scores who are missing a full unit of trigonometry/pre-calculus/calculus or chemistry or physics will be evaluated through College Review.

A total of 16 units is required for admission.

Engineering requires that student performance meet one of the following standards: composite ACT of 24, SAT of 1180, ACT Math subscore of 24, SAT Math subscore of 580, or a 3.5 cumulative GPA.

Any domestic freshman student who does not gain admission to Engineering but does gain admission to the University of Nebraska-Lincoln will be reviewed through College Review. Any freshman student who is not admitted through college review is placed in Pre-Engineering within the college and are advised by the Engineering Student Services.

Students for whom English is not their language of nurture must meet the minimum English proficiency requirements of the University.

Students who lack entrance units may complete precollege training by Independent Study through the University of Nebraska-Lincoln Office of On-line and Distance Education, in summer courses, or as a part of their first or second semester course loads while in the Academic and Career Development Center at the University of Nebraska Omaha.

Students should consult their advisor, their department chair, or Engineering Student Services if they have questions on current policies.

Other Admission Requirements

Students who transfer to the University of Nebraska Omaha from other accredited colleges or universities and wish to be admitted to the College of Engineering (COE) must meet COE freshman entrance requirements, have a minimum cumulative GPA of 2.5, and be calculus-ready. Students not meeting all of these requirements must enroll in another University college until they meet COE admission requirements. Students transferring from UNO, UNL, or UNK to the College of Engineering must be in good academic standing with their institution.

The COE accepts courses for transfer for which a C or better grade was received. Although the University of Nebraska-Lincoln and the University of Nebraska Omaha accept D grades from the University of Nebraska Kearney and the University of Nebraska-Lincoln, not all majors in the COE accept such low grades. Students must conform to the requirements of their intended major and, in any case, are strongly encouraged to repeat courses with a grade of C- or less.

All transfer students must adopt the curricular requirements of the undergraduate catalog current at the time of transfer to the COE - not that in use when they entered the University of Nebraska Omaha. Upon admission to Nebraska, students wishing to pursue degree programs in the COE will be classified and subject to the policies defined in the subsequent section.

Students who were previously admitted to COE and are returning to the College of Engineering must demonstrate a cumulative GPA of 2.5 in order to be readmitted to COE.

ADVISING

Academic Advising

Advisors assigned to students are either part of the Engineering Student Services, located in 107 PKI, or are in the student's major department.

Student Responsibility

Application for the Diploma

Students are expected to develop a clear understanding of degree requirements and to plan their course of study with the academic advisor.
Students requiring clarification of outstanding degree requirements should visit their academic advisor promptly.

Students should access their Degree Audit via MavLink at least once each term to review degree requirements and progress toward graduation. It is the student’s responsibility to make sure their Degree Audit accurately reflects their current College and program of study.

Students who believe their Degree Audit has errors or omissions should visit their academic advisor promptly. It is important that these matters be resolved as soon as practicable to avoid a delay in graduation.

Each student who expects to receive a diploma must file an application of candidacy for the diploma online on MavLINK. Announcements about deadline dates are posted on the University of Nebraska Omaha’s (UNO) Academic Calendar webpage, Maverick Weekly email to students, and by an email sent by the UNO Registrar’s office.

It is the responsibility of the students to inform the Registrar’s Office of their graduation plans including their mailing address and the manner in which they are completing their requirements.

Failure to meet these stipulations may necessitate the postponement of graduation until the next semester.

Scott Campus COE students wishing to attend Commencement on the UNL campus may do so by completing the online form found at https://engineering.unl.edu/undergraduate-programs/resources-scott-campus/.

ACADEMIC PROGRAMS & POLICIES

Honors Program
Honors Societies

These recognize students who excel in scholarship and give promise of being leaders in professional areas. They are branches of national societies and are generally open upon invitation to juniors and seniors: Alpha Epsilon (agricultural engineering), Chi Epsilon (civil engineering, both campuses), Eta Kappa Nu (electrical engineering), Pi Tau Sigma (mechanical engineering), Sigma Lambda Chi (construction management), Upsilon Pi Epsilon (computing and information disciplines https://upe.acm.org/), Sigma Xi (scientific, all colleges), Tau Alpha Pi (engineering technology, Scott campus in Omaha), and Tau Beta Pi (all engineering).

Student Recognition
Graduation with Distinction

GPA requirements for engineering students to graduate with levels of distinction are:

- Distinction: 3.750-3.849
- High Distinction: 3.850-3.949
- Highest Distinction: 3.950-4.000

For engineering students to graduate with Distinction, High Distinction, or Highest Distinction, they must meet the GPA levels listed above, and be approved by a majority vote of the faculty in the department offering their respective academic program. The GPA level is based on the cumulative GPA earned in the semester prior to the semester in which the student graduates.

Student Standing/Classification/Professional Admission

Professional admission to a student’s degree program is a requirement for graduation from that program.

Pre-Professionally Admitted COE Students. These are students who have been admitted to the College of Engineering and are in the process of establishing their academic credentials and confirming their choice of major. Transfer students from other colleges and universities or from the Academic and Career Development Center (ACDC) will be classified as pre-professionally admitted for at least one semester (12 credits) while they confirm their career path and establish their academic credentials (see Professional Admission). Most students are in pre-professionally admitted status for one to four semesters. Pre-professionally admitted students may enroll in upper-level engineering courses provided they meet the prerequisites, space is available, and no departmental restrictions exist.

Professionally Admitted COE Students. These students may register in engineering courses where they meet all prerequisites or have permission. A professionally admitted student who wishes to transfer from one COE major to another must re-apply for Professional Admission to gain professionally admitted status in the new major, subject to the admission criteria of the new major.

Students who are enrolled in the Academic and Career Development Center or in other colleges may enroll in any engineering courses for which they have met the prerequisites. Those with greater than a 2.5 cumulative GPA may register in upper-level engineering courses, but only on a space-available basis in courses where they meet all prerequisites and have permission from the department. These students may retake an engineering course for C-, D, and F removal no more than once, on a space-available basis and with permission. They may repeat courses with a previous withdrawal (W) only once.

Professional Admission must be earned by a student in order to move from pre-professionally admitted status to professionally admitted status within the College of Engineering. A review of the student’s academic history is completed by the department of the student’s intended major after the student has completed at least 43 credit hours within his or her intended degree program. Additional review criteria are based on the individual degree program and can be found under that major’s information in the undergraduate catalog.

A student may be reviewed up to two times for Professional Admission in a single major. If the student is rejected for Professional Admission on the second review, the student will not be allowed to continue in that major. The student may choose to pursue a new College of Engineering major, but will be subject to the review criteria of the new major. If the student is rejected for Professional Admission by the new major, the student will be dismissed from the College of Engineering. Further reviews for Professional Admission will not be allowed and the student will no longer be eligible to enroll in College of Engineering courses.

College Probation. A student who receives a cumulative grade point average (GPA) of less than 2.4 will be placed on college probation. The student will remain on probation until a semester is completed with a cumulative GPA at or above 2.4. Any student with three sequential semesters on college probation will be dismissed from the College of Engineering.

The first semester of probation is defined as the semester in which failure to meet a cumulative or semester GPA threshold, a course failure or withdrawal, or a code of conduct violation occurs.

Completion of the following semester (12 credits) with a semester GPA above 2.4 is required for a student to be removed from the college probation. Students may be placed on college probation (or dismissed) for violation of the UNO Student Code of Conduct at any time. A student cannot graduate from the College of Engineering while on college probation.

College Dismissal. A student will be dismissed from the College of Engineering at the end of any semester in which:

• The student has been placed on college probation for three sequential semesters.
• The student is suspended by UNO.
Students may also be dismissed for violating the University of Nebraska Omaha Student Code of Conduct at any time. College dismissal will cause an administrative change in the student’s matriculation to the Academic and Career Development Center or to a college indicated by the student. Students who have been dismissed from the College of Engineering may be readmitted (one time only) provided they have removed all academic deficiencies that led to the dismissal.

**General College Policies**

These policies are applicable to all students in the College of Engineering.

1. **Student priority for entrance into classes for which demand exceeds available class space will be based on cumulative GPA.** This priority will be applied at the end of early registration (when applicable).
2. **Students may withdraw from a maximum of four engineering courses. Students may withdraw from any one engineering course a maximum of one time.**
3. **Students may repeat a maximum of three engineering courses. Students may complete any one engineering course a maximum of two times.**
4. **All students must have a College of Engineering advisor’s, chairperson’s, or dean’s signature on all worksheets, enrollment, and drop-add forms. Any subsequent changes on these forms, or in enrollment from those courses previously approved, must also be approved by an advisor, chairperson, or dean.**
5. **At least 30 of the last 36 credits needed for a degree must be registered for and completed at UNO or UNL while identified with the College of Engineering. This means that practically speaking, the last year of a student’s work must be spent in residence. Credit earned during education abroad may be used toward degree requirements if students participate in prior approved programs and register through the University of Nebraska Omaha (see [https://www.unomaha.edu/international-studies-and-programs/study-abroad/index.php](https://www.unomaha.edu/international-studies-and-programs/study-abroad/index.php)).**
6. **Effective with the Fall semester 2011, students entering a baccalaureate program in the College of Engineering on the Omaha campus must satisfy the Achievement Centered Education (ACE) requirements of the University of Nebraska-Lincoln as part of their degree requirements.**
7. **Credit/No Credit courses: Students in the College of Engineering who must take ENGR 10 Freshman Engineering Seminar, ENGR 20 Sophomore Engineering Seminar, and ENGR 400 Professional Ethics and Social Responsibilities will do so with the grading option Credit/No Credit. In addition, students may take up to 12 credit hours of courses utilized for ACE 5, 6, 7, 8, or 9 on a Credit/No Credit basis, as long as the major does not require a predetermined engineering course to fulfill the ACE requirement (example, some majors require CONE 206 - Engineering Economics to fulfill the ACE 8 requirement). Students in the College of Engineering may not take any other ACE category, required, or engineering/technical elective courses with the grading option of Credit/No Credit.**
8. **Credits for “International students who are non-native speakers of English” at UNL and “English as a Second Language” at UNO are not applicable to degree programs in the College of Engineering.**
9. **Students who enroll at UNL, UNO, or UNK under the academic year (Fall, Spring, Summer) of this catalog must fulfill the requirements stated in this University of Nebraska Omaha catalog or in any other University catalog which is published while they are enrolled in the College, provided that the catalog is no more than 10 years old at the time of graduation. A student must, however, meet the graduation requirements from one catalog only. A student may not choose a portion from one catalog and the remainder from another catalog.**

**Undergraduate Seminars.** Freshmen engineering students may be required by their program to attend ENGR 10. The Freshman Engineering Seminar provides information on engineering disciplines, resources and tools available to students in the college, and opportunities to meet engineering faculty members. Sophomore engineering students may be required by their program to attend ENGR 20. The Sophomore Engineering Seminar provides information on career planning, interviewing, resume preparation, and coop/internship opportunities.

**Design Requirement.** All engineering majors require a minimum of 48 credit hours of engineering topics (engineering topics include subjects in the engineering sciences or engineering design). Engineering design is the process of devising a system, component, or process to meet desired needs. Engineering design work may be done by individuals; however, team efforts are encouraged where appropriate. Engineering majors are provided an integrated engineering design experience throughout the curriculum. In addition, all engineering programs include a meaningful major design experience that builds upon the fundamental concepts of mathematics, basic sciences, humanities, social sciences, engineering topics, and communication skills.

**Experiential Learning Requirement.** All undergraduates in the College of Engineering, starting with the 2022-2023 catalog requirements, must complete an Experiential Learning (EL) course. The capstone course for each program is designated as an experiential learning course.

**Regulations**

The college and its various divisions and departments reserve the right to change the rules governing admission to, instruction in, and graduation from the college or its various divisions.

Such regulations are operative whenever the college authorities deem necessary and apply not only to prospective students but also to those currently enrolled in the college. The college also reserves the right to withdraw courses and to reassign instructors.

Prerequisites for courses offered in the college are effective even if they are not listed in the schedule. A maximum amount of credit that a student may enroll in during any semester is 18 credit hours without the Dean’s permission to override the maximum.

**CATALOG TO USE**

Students must fulfill the requirements stated in the catalog for the academic year in which they are first admitted into the College of Engineering. In consultation with advisors, a student may choose to follow a subsequent catalog for any academic year in which they are admitted to and enrolled as a degree-seeking student at Nebraska in the College of Engineering. Students must complete all degree requirements from a single catalog year. The catalog which a student follows for degree requirements may not be more than 10 years old at the time of graduation.

Students who have transferred from a community college may be eligible to fulfill the requirements as stated in the catalog for an academic year in which they were enrolled at the community college prior to attending the University of Nebraska-Lincoln College of Engineering. This decision should be made in consultation with the student’s College of Engineering academic advising team (e.g., ESS professional advisor and the chief faculty advisor for the student’s declared degree program). The chief faculty advisor has the final authority for this decision. Eligibility is based on a) enrollment in a community college during the catalog year the student wishes to utilize, b) maintaining continuous enrollment of at least 12 credit hours per semester at the previous institution for at least 2 semesters, and c) continuous enrollment at the University of Nebraska-Lincoln, either through UNO’s Scott Campus or in Lincoln, within 1 calendar year from the student’s last term at the previous institution. Students must complete all degree requirements from a single catalog year and within the timeframe allowable for that catalog year.

**COLLEGE DEGREE REQUIREMENTS**

**Appeals**

**Grade Appeals**
In the event of a dispute involving any college policies or grades, the student should appeal to his/her instructor, and appropriate department chair or school director (in that order). If a satisfactory solution is not achieved, the student may appeal his/her case through the College Academic Appeals Committee.

**Academic Amnesty and Appeals**

The following policies shall apply for academic amnesty and appeals of academic suspension.

**Academic Amnesty/Bankruptcy**

Academic bankruptcy removes the grade point factors of a semester taken at the University of Nebraska-Lincoln or the University of Nebraska Omaha from a student’s cumulative grade point average, but the course(s) and grades(s) remain on the student’s academic record. To review the criteria for eligibility, see https://registrar.unl.edu/academic-standards/policies/academicbankruptcy/. Students seeking academic amnesty/bankruptcy should consult with their academic advisor first.

**Appeals of Academic Suspension**

Appeals of academic suspension must be filed in writing with the Office of the Dean within 21 days after official electronic notification/posting of the grades by the Registrar for the semester at the end of which the suspension was invoked. Suspended students who have filed a notice of appeal may apply to the Office of the Dean for a temporary release from suspension pending the final disposition of their appeal by the Academic Appeals Committee of the College of Engineering.

**DEGREES & MAJORS**

**Engineering**

To meet the need for innovative engineers, the College's programs offer a broad education in the physical sciences, social sciences, mathematics, information sciences, and humanities. This education is complemented by a study of engineering methods of modeling, analysis, synthesis, and design in students' areas of specialization. In addition to preparing students for careers in engineering, the College's bachelor's degree programs provide excellent preparation for graduate study in those fields.

**Construction Management**

This profession is allied with architecture, engineering, and business. Construction managers coordinate people, machines, and materials to produce (within the constraints of budget and time) buildings, highways, bridges, dams, and other structures essential to modern society. The College’s construction management program provides a solid technical background, develops business knowledge, and considers ethical issues of the profession.

**Undergraduate Programs**

**Engineering.** The College offers bachelor of science degree programs in each of the following engineering fields: agricultural engineering (Lincoln only), architectural engineering (Omaha only), biological systems engineering (Lincoln only), chemical engineering (Lincoln only), civil engineering, computer engineering, construction engineering, electrical engineering, environmental engineering, mechanical engineering (Lincoln only), and software engineering (Lincoln only). Over 85 percent of all the engineering degrees granted in the United States during the last five years were granted in these fields. Students with interests in specialty fields such as aerospace or biomedical engineering should seek advice in the Engineering Student Services Center on how to incorporate such emphases into the above degree programs.

**Construction Management.** The College offers a bachelor of science degree program in construction management.

**Dual Degrees.** Students can major in two departments in the college by consulting their advisors (one from each department) and completing all the requirements for the departmental majors.

**ACCREDITATION**

The agricultural engineering, biological systems engineering, chemical engineering, civil engineering (Lincoln and Omaha), computer engineering (Lincoln and Omaha), construction engineering (Lincoln and Omaha), construction management (Lincoln and Omaha), electrical engineering (Lincoln and Omaha), and mechanical engineering programs are accredited by the Engineering Accreditation Commission (EAC) of ABET, http://www.abet.org. The software engineering (Lincoln) program anticipates full accreditation by the EAC of ABET in July 222. The master of architectural engineering is also accredited by EAC of ABET.

**MINORS & AREAS OF SPECIALIZATION OFFERED**

College faculty encourage students to minor in a discipline outside the College of Engineering to further develop critical thinking skills, curiosity, understanding of the connections between engineering and the social or natural sciences and fine arts, and sensitivity to ethical issues.

**Policies**

1. A minor will not reduce or alter the existing course or degree requirements for students electing to pursue a minor.
2. A student's minor program(s) must be reviewed by an advisor prior to the submission of the senior check. It is the responsibility of the student to determine that all requirements for the minor are met.
3. The minor(s) must be approved by the cognizant program offering the minor(s).
4. Departments may restrict students in the major(s) from obtaining certain minor(s) at their discretion; see the catalog entry for individual majors for details.

**GRADUATE STUDENT INFORMATION**

Courses supporting several engineering graduate programs are offered both on and off-campus. For details, see the UNL Graduate Studies Catalog (https://catalog.unl.edu/graduate-professional/) and contact the appropriate department or the Office of the Dean of the College of Engineering.

Seniors in COE who have obtained prior approval from the Dean of UNL Graduate Studies may receive up to 12 hours credit for graduate courses taken in addition to their required undergraduate work. However, these credits must be earned within the calendar year prior to receipt of the bachelor's degree. For procedures, inquire at the UNL Graduate Studies Office. Graduate credits earned prior to receipt of the bachelor's degree may not always be accepted for transfer to other institutions as graduate work.

**OTHER**

**Dean's List**

The College recognizes students for academic achievement during the fall and spring semesters by placement on the College Dean's List. To qualify for the College of Engineering Dean's List, students must complete 12 credit hours of graded coursework (courses must be started and completed in one semester) by the census date of the grade reports and attain a minimum semester grade point average of 3.500. The following do not qualify as part of the 12 credit hours: Credit/No Credit credit, transfer hours, removals of incomplete(s), and grade changes submitted after the census grade reports.

**Professional Licensure**

The College encourages professional licensure. The majority of the College's engineering seniors take the Fundamentals of Engineering (FE) examination prior to graduation. This examination is administered by NCEES (ncees.org), and is the first step in the process of becoming a licensed
professional engineer. To become a licensed professional engineer, one must pass the FE exam, have at least four years of experience, and pass the Principles and Practice of Engineering (PE) Examination, including the Structural Engineering (SE) Exam (https://ea.nebraska.gov/engineer-initial-licensure). Students may take the FE exam in the last semester of their baccalaureate program.

Practical Training

For a student who anticipates pursuing a career as a practicing engineer, it is strongly recommended that the student engages in an internship or equivalent practical training experience.

Scholarships and Financial Aid

Each year the College awards scholarships to freshmen and upperclassmen worth more than $750,000. Scholarship awards are made possible through generous gifts of alumni and friends, as well as local and national organizations. Contact the Office of the Dean or the Office of Scholarships and Financial Aid for information regarding these awards and for other financial assistance.

Application for the University of Nebraska Omaha freshmen scholarships automatically makes you eligible for College of Engineering scholarships, as well as other university awards such as the Regents scholarships. You must submit the UNO application form (due January 15, prior to the beginning of the next academic year) to be eligible.

A significant number of entering students have academic records that qualify them for university-wide scholarship awards. Each year, about 25 percent of the freshman Regent Scholarship recipients are engineering students.

A large number of students are able to find part-time employment in fields related to their interests.

Student Organizations in the College

Technical Societies

The technical student societies help develop greater personal and professional interest and understanding in engineering, computer science, and construction management. Student branches of the major national technical and scientific societies are sponsored by the academic programs and departments.

Scott Campus (Omaha). Acoustical Society of America; American Society of Heating, Refrigeration and Air-conditioning Engineers; Architectural Engineering Institute; Architectural Engineering Student Leadership and Advisory Committee; Associated General Contractors of America; Earthquake Engineering Research Institute; Emerging Green Builders; Illuminating Engineering Society of North America; Mechanical Electrical Specialty Contractors; National Association of Home Builders Student Chapter; American Society of Civil Engineers; American Water Works Association/Water Environment Federation; Engineers Without Borders; Institute for Transportation Engineers; Structural Engineering Association of Nebraska; and Institute of Electrical & Electronics Engineers.

Lifelong Learning

The education of professionals in construction management and engineering is a continuing process. The groundwork in both technical and non-technical studies is laid while in college, but education continues after graduation. For a professional, education will continue not only in the technical areas but in areas that relate to human and social concerns. A professional may expect to take a leadership role in the community and must have a broad awareness of human and social accomplishments, needs, values, and a willingness to take the responsibility for meeting these needs. For these reasons, an integrated program of coursework in the humanities and social sciences is part of the educational requirements.

College Entrance Requirements

Students must have high school credit for (one unit is equal to one high school year):
1. Mathematics - 4 units: 2 of algebra, 1 of geometry, and 1 of precalculus and trigonometry
2. English - 4 units
3. Natural sciences - 3 units that must include 1 unit of physics and 1 unit of chemistry (chemistry requirement waived for students in construction management)
4. Foreign language - 2 units of a single foreign language
5. Social studies - 3 units
6. Students having a composite ACT score of 28 or greater (or equivalent SAT score) will be admitted to the College of Engineering even if they lack any one of the following: trigonometry, chemistry, or physics.

A total of 16 units is required for admission.

Students must have an ACT (enhanced) score of 24 or greater (or equivalent SAT). Students who lack entrance requirements may be admitted based on ACT scores, high school rank and credits, or may be admitted to pre-engineering status. Pre-engineering students are advised within the College of Engineering.

Students for whom English is not their language of nurture must meet the minimum English proficiency requirements of the University.

Students who lack entrance units may complete precollege training by Independent Study through the University of Nebraska-Lincoln Office of On-line and Distance Education, in summer courses, or as a part of their first or second semester course loads while in the Academic and Career Development Center at the University of Nebraska Omaha.

Students should consult their advisor, their department chair, or Engineering Student Services if they have questions on current policies.

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The COE accepts courses for transfer from which a C or better grade was received. Although University of Nebraska-Lincoln and University of Nebraska Omaha accept D grades from the University of Nebraska Kearney, Omaha, and -Lincoln, not all majors in the COE accept such low grades. Students must conform to the requirements of their intended major and, in any case, are strongly encouraged to repeat courses with a grade of C- or less.

All transfer students must adopt the curricular requirements of the undergraduate catalog current at the time of transfer to the COE - not that in use when they entered the University of Nebraska Omaha. Upon admission to Nebraska, students wishing to pursue degree programs in the COE will be classified and subject to the policies defined in the subsequent section.

Students who were previously admitted to COE and are returning to the College of Engineering must demonstrate a cumulative GPA of 2.5 in order to be readmitted to COE.
**College of Engineering Programs**

**Engineering**

**Architectural Engineering**
- B.S. Degree Program (http://catalog.unomaha.edu/undergraduate/college-engineering/bs-architectural-engineering/)

**Civil Engineering**
- B.S. Degree Program (http://catalog.unomaha.edu/undergraduate/college-engineering/civil-engineering-bs/)

**Computer Engineering**
- B.S. Degree Program (http://catalog.unomaha.edu/undergraduate/college-engineering/electrical-computer-engineering/computer-engineering-bs/)

**Construction Engineering**
- B.S. Degree Program (http://catalog.unomaha.edu/undergraduate/college-engineering/construction/construction-engineering-bs/)

**Construction Management**
- B.S. Degree Program (https://catalog.unomaha.edu/undergraduate/college-engineering/construction/construction-management-bs/)

**Electrical Engineering**
- B.S. Degree Program (http://catalog.unomaha.edu/undergraduate/college-engineering/electrical-computer-engineering/electrical-engineering-bs/)

**Environmental Engineering**
- B.S. Degree Program (http://catalog.unomaha.edu/undergraduate/college-engineering/environmental-engineering/)

**First two years of:**
- Agricultural Engineering (http://catalog.unomaha.edu/undergraduate/college-engineering/pre-engineering/pre-agricultural-engineering/)
- Biological Systems Engineering (http://catalog.unomaha.edu/undergraduate/college-engineering/pre-engineering/pre-biological-systems-engineering/)
- Mechanical Engineering (http://catalog.unomaha.edu/undergraduate/college-engineering/pre-engineering/pre-mechanical-engineering/)

**Graduate Programs**
A variety of graduate programs in engineering and construction management are available. For details on programs leading to masters and doctorate degrees, including the application process, individuals should contact the appropriate department or office of the dean in the College of Engineering. Application forms are available at http://www.unl.edu/gradstudies/.

**Minors & Areas of Specializations Offered**
College faculty encourage students to minor in a discipline outside the College of Engineering to further develop critical thinking skills, curiosity, understanding of the connections between engineering and the social or natural sciences and fine arts, and sensitivity to ethical issues.

**Policies**
1. A minor will not reduce or alter the existing course or degree requirements for students electing to pursue a minor.
2. A student's minor program(s) must be reviewed by an advisor prior to the submission of the senior check to the department chair or head. It is the responsibility of the student to determine that all requirements for the minor are met.
3. The minor(s) must be approved by the cognizant program offering the minor(s).
4. Departments may restrict students in their major(s) from obtaining certain minor(s) at their discretion; see the catalog entry for individual majors for details.