These required K-State lower division courses may have an equivalent at your community college.

**COMMUNICATIONS: 8-9 HOURS**
- ENGL 100   Expository Writing I
- ENGL 200   Expository Writing II
- COMM 105   Public Speaking IA
  or
- COMM 106   Public Speaking I

**NATURAL SCIENCES: 30-32 HOURS**
- CHM 210   Chemistry I and Lab
- CHM 230   Chemistry II and Lab
- BIOCH 265   Intro to Organic and Biochemistry
  or
- CHM 350   General Organic Chemistry
  and
- CHM 351   General Organic Chemistry Lab
- BIOL 198   Principles of Biology
- PHYS 113   General Physics I and Lab*
- PHYS 114   General Physics II and Lab *
* Cereal chemistry option students must take PHYS 213 Engineering Physics I
and Lab and PHYS 214 Engineering Physics II and Lab.

**QUANTITATIVE: 7-13 HOURS**
- MATH 205     General Calculus and Linear Algebra*
- STAT 325   Introduction to Statistics
** BSM and MSM cereal chemistry option students must take
- MATH 220 Calculus I
  and Math 221 Calculus II.

**ECONOMICS AND ACCOUNTING: 9 HOURS**
- ECON 110   Principles of Macroeconomics or ECON 120
- AGEC 120   AgEcon and Agribusiness
- ACCTG 231   Accounting for Business Operations

**HUMANITIES AND SOCIAL SCIENCES: 3-9 HOURS**
Select elective course(s) from various areas such as American ethnic studies, anthropology, architecture, art, dance, engineering, economics, English, environmental design, geography, history, family studies and human services, music, modern languages, philosophy, political science, psychological sciences, sociology, social work, theatre, women’s studies and humanities.

**FREE ELECTIVES: 3-9 HOURS**
Select elective course(s).

To confirm specific curriculum requirements in our majors, please check the curriculum at [grains.k-state.edu](http://grains.k-state.edu), available by selecting undergraduate programs.

**CONTACT US**
For more information about the majors in grain science and industry, please visit our website at [grains.k-state.edu](http://grains.k-state.edu). You’ll find undergraduate program options and courses, financial assistance resources, student clubs, K-State and Manhattan information, career fields, study abroad opportunities, faculty profiles, department news and much more!

Explore the website or call to speak with Brenda Heptig, academic programs coordinator, for more information.

**Brenda Heptig**, Academic Programs Coordinator
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INGRAIN YOURSELF

The grain science and industry programs at Kansas State University prepare students for work in well-paying industries that have a shortage of qualified applicants. K-State’s grain science and industry department is the only place in the United States offering college degrees in bakery science and management, feed science and management, and milling science and management, granting Bachelor of Science degrees in addition to minors and graduate degrees.

TRANSFER CREDIT CHECK

Transferring into an undergraduate program in the Department of Grain Science and Industry will prepare you for careers in the growing food and feed industries. K-State is proud to serve our transfer students and make the transition to our four-year institution as seamless as possible. However, it is important to understand that not all courses at your community college may be applied as transfer credit toward program requirements for your K-State bachelor’s degree.

To determine which of your courses apply toward meeting graduation requirements at K-State, first determine the K-State equivalent course, and then check the curriculum requirements of your K-State major to determine how the course will apply. You will be able to verify your transfer credits online at http://www.k-state.edu/undergradadmit/transfequivalency.html. If your school is not listed, contact the K-State Office of Admissions for assistance at 785-532-6250 or k-state@k-state.edu.

REQUIRED COURSES

The Department of Grain Science and Industry welcomes transfer students from community colleges who wish to pursue their bachelor’s degrees at K-State. To transition from community college to the university, we recommend that you enroll at K-State as a junior, transferring approximately 63 credit hours toward your bachelor’s degree — the maximum number that can be applied from a two-year institution.

When working with your community college advisor, select courses that not only interest you, but that are applicable to your K-State degree. If you attend community college for two full years, we also strongly recommend completing the following courses/areas prior to transferring to K-State: