RECOMMENDED TRANSFER COURSES

2026-2027 Transfer Guide

WICHITA STATE UNIVERSITY

WSU Transfer Students Should Remember:

Dual Advising
WSU strongly suggests that potential transfer students involve their WSU advisor in program planning. Sign up for dual advising here: wichita.edu/dualadvising

WSU Admission Requirements
If you are a transfer student with 24 credit hours or more, you must: Have a minimum 2.00 cumulative GPA (on a 4.00 scale) on all previous college work. If you are a transfer student under age 21, with fewer than 24 credit hours, you must: Have a minimum 2.00 cumulative GPA (on a 4.00 scale on all previous college work and meet the freshman requirements. Some academic colleges at WSU have an additional higher transfer GPA requirement for admission. Visit wichita.edu/admissions/undergraduate/qa.php

WSU Transfer Credit Acceptance
It is the policy of WSU to accept all credits – with the exception of remedial coursework – earned at a post-secondary institution accredited by one of the U.S. regional accrediting agencies. Each academic college or department within WSU determines how those credits apply toward a particular degree program. Sometimes there can be a significant difference between what transfers and what counts toward a degree, especially if the courses are vocational in nature.

Graduation Requirements
To qualify for graduation with a WSU bachelor's degree, transfer students must meet certain requirements such as course credit hours, levels, GPA, and residency. Transfer students should visit the following page to familiarize themselves with all requirements: catalog.wichita.edu/undergraduate/academic-information/graduation/

CLOUD COUNTY COMMUNITY COLLEGE

WSU COLLEGE OF ENGINEERING

wichita.edu/engineering
316-978-3400
wichita.edu/engadvising

- To graduate from an engineering program, a candidate must attain 2.0 GPA in each of the following categories:
  - All college and university work attempted (cumulative GPA)
  - All work attempted at WSU (WSU GPA)
  - All work in the student's major at WSU including Engineering+ requirements.
- Most engineering courses have prerequisites and/or co-requisites; the prerequisite course must have been completed before the course requiring it can be taken, and the co-requisite must be completed prior to or taken concurrently with the required course sequence.
- Specific engineering courses for each major will be provided during student advising.

NOTE:
- ***(L)*** *- For purposes of this transfer guide, "Lab" in the course name or "(L)" after the course name indicates that the WSU equivalent course carries the "laboratory" (LAB) attribute.*
- ***^*** *- For purposes of this transfer guide, the "^" symbol that appears after the course name indicates that the WSU equivalent course carries the "Diversity Content" DIVC attribute.*

General Education Program at WSU

Effective Fall 2024, WSU will follow the KBOR system-wide GE program framework which is comprised of 34-35 credit hours organized in six discipline-based "buckets" and an institutionally designed bucket. A student who satisfies all seven buckets will complete the GE program.

The 34-35 credit hours are divided as follows:

- *English Discipline Area – Bucket 1: CM 101 and CM 102.*
- *Communications Discipline Area – Bucket 2: One listed course.*
- *Mathematics & Statistics Discipline Area – Bucket 3: One listed course.*
- *Natural & Physical Science Discipline Area – Bucket 4: Four to Five hours and must include a lab. Choose one of the listed courses.*
- *Social & Behavioral Sciences Discipline Area – Bucket 5: Six hours from at least two subject areas listed.*
- *Arts & Humanities Discipline Area – Bucket 6: Six hours from at least two subject areas listed.*
- *Institutionally Designated Area – Bucket 7: Six hours total, three hours of First-Year Seminar and three GE hours with Diversity designation. Those students who have earned an Associate Degree or 30 credit hours prior to high school graduation and before starting classes at WSU as a degree-bound student, may be exempt from taking a First-Year Seminar course.*
- *with Diversity designation.*

Cloud County CC courses approved for general education credit by the WSU College of Engineering are shown below.

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Academic Divisions for General Education

ENGLISH DISCIPLINE AREA BUCKET 1
- CM 101 English Composition I
- CM 102 English Composition II

COMMUNICATIONS DISCIPLINE AREA BUCKET 2
- CM 115 Public Speaking
- CM 240 Interpersonal Comm

MATHEMATICS & STATISTICS DISCIPLINE AREA BUCKET 3
- MA 108 Contemporary Math
- MA 111 College Algebra
- MA 112 Trigonometry
- MA 114 Elementary Statistics
- MA 115 General Calculus
- MA 120 Analytic Geom/Calculus I

NATURAL & PHYSICAL SCIENCES DISCIPLINE AREA BUCKET 4
- SC 101 General Biology (L)
- SC 103 Physical Science (L)
- SC 104 Geology (L)
- SC 105 General Astronomy (L)
- SC 110 Principles of Biology I (L)
- SC 111 Microbiology Lecture **and** SC 112 Microbiology (L)
- SC 120 Human Anatomy & Phys I **and** SC 121 Hum Anat & Phys II (L) **or** SC 126 Anatomy & Physiology (L)
- SC 129 Intro to Chemistry (L)
- SC 130 Gen, Org, & Biochemistry (L)
- SC 131 Chemistry I (L)
- SC 132 Chemistry II (L)
- SC 140 College Physics I (L)
- SC 141 College Physics II (L)
- SC 142 University Physics I (L)
- SC 143 University Physics II (L)
- SC 146 Environ Sci & Conservation^ **and** SC 147 Conservation Lab (L)
- SC 151 Principles of Biology II (L)

SOCIAL & BEHAVIORAL SCIENCES DISCIPLINE AREA BUCKET 5
- AJ 100 Intro to Criminal Justice
- AJ 206 Criminal Law
- EC 101 Principles of Macroeconomics
- EC 102 Principles of Microeconomics
- GE 101 World Geography^
- HI 108 Women in American Society^
- SS 101 General Psychology
- SS 103 Social Psychology
- SS 105 Human Growth & Dev
- SS 106 Marriage & Family
- SS 125 Intro to Cultural Anthrop^
- SS 127 Child Psychology
- SS 129 Introduction to Social Work
- SS 130 Introduction to Sociology
- SS 131 Cultural Diversity & Ethnicity
- SS 140 US Government: National
- SS 141 US Government: State/Local
- SS 150 Intro to International Rel^
- SS 201 Social Problems

ARTS & HUMANITIES DISCIPLINE AREA BUCKET 6
- AR 100 Art Appreciation
- CM 106 Creative Writing I
- CM 121 Introduction to Literature
- CM 122 American Literature I
- CM 123 American Literature II
- CM 124 World Lit/Hum Experience
- CM 127 The Short Story
- CM 140 Theatre Appreciation^
- CM 141 Introduction to Acting
- CM 148 American Cinema Appreciation
- ED 114 Art in the Elem Classroom
- ED 123 Music in Elem Classroom
- FL 111 Spanish I^
- FL 112 Spanish II^
- HI 120 World History I^
- HI 121 World History II^
- HI 122 US History I
- HI 123 US History II
- HU 201 Humanities I
- HU 202 Humanities II
- JN 100 Mass Media in Society
- MU 100 Music Appreciation
- MU 102 World Music^
- MU 103 History of Rock Music
- PH 100 Introduction to Philosophy
- PH 101 Intro to Critical Thinking
- PH 105 Ethics^
- RE 104 World Religions

INSTITUTIONALLY DESIGNATED AREA BUCKET 7
- CS 108 Computer Applications
- MA 121 Analytic Geom/Calculus II
- MA 122 Analytic Geom/Calculus III
- SC 107 Meteorology (L)
- SC 137 Natural Hazards & Disasters **and** SC 138 Natural Haz & Dis (L)

Program-Specific Requirements

ENGINEERING MAJORS
- Aerospace Engineering (AE)
- Cybersecurity (CB)
- Biomedical Engineering (BME)
- Computer Engineering (CE)
- Computer Science (CS)
- Electrical Engineering (EE)
- Industrial Engineering (IE)
- Product Design & Manufacturing Engineering (PDME)
- Mechanical Engineering (ME)
- Applied Engineering (APEN)
  Applied Engineering Concentrations:
  - Engineering Management (EM)
  - Process Automation (PA)
  - Sustainable and Environmental Engineering (SE)

MATH & NATURAL SCIENCES
Required for all College of Engineering majors.
- MA 120 Analytic Geom/Calculus I *(except CB)*
- MA 121 Analytic Geom/Calculus II *(except CB)*
- MA 122 Analytic Geom/Calc III *(only AE, EE, ME)*
- MA 123 Differential Equations *(except APEN, CB, CS, IE)*
- SC 131 Chemistry I (L)* *(except APEN-PA concentration, CB, CE, CS)*
- SC 142 University Physics I (L) *(except CB)*

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- SC 143 University Physics II (L)*
  (except APEN-SE concentration, CB)

APEN-EM concentration - Choose one: SC 131* ***or* *SC 143*

OTHER COURSES BY MAJOR

Aerospace Engineering – AE
- EC 101 Princ of Macroeconomics

Applied Engineering – APEN
- BE 161 Accounting I
  and BE 162 Accounting II *(EM only)*
- EC 101 Princ of Macroeconomics
- MA 114 Elementary Statistics
- SC 146 Environ Sci & Conservation^
  and SC 147 Conservation Lab (L)

Biomedical Engineering – BME
- SC 110 Principles of Biology I (L)
- SC 126 Anatomy & Physiology (L)
- SC 132 Chemistry II (L)

Computer Engineering – CE
- CS 155 Computer Networks

Computer Science – CS
- CS 155 Computer Networks
- PH 101 Intro to Critical Thinking

Cybersecurity – CB
- EC 101 Princ of Macroeconomics
- MA 112 Trigonometry
- MA 114 Elementary Statistics
- PH 101 Intro to Critical Thinking
- SC 140 College Physics I (L)
- SS 101 General Psychology
- SS 103 Social Psychology

Electrical Engineering – EE
Major courses at WSU

Industrial Engineering – IE
Major courses at WSU

Mechanical Engineering – ME
Major courses at WSU

Product Design & Manufacturing Engineering – PDME
Major courses at WSU

Courses that Fulfill General Education & Program Requirements

Certain general education courses are also used as program requirements in the WSU College of Engineering. These courses can be applied to the programs through transfer credits. WSU strongly recommends that students looking at these programs take the following courses to fulfill both General Education and program requirements simultaneously.

Aerospace Engineering – AE
- EC 101 Princ of Macroeconomics
- SC 142 University Physics I (L)

Applied Engineering – APEN
- EC 101 Princ of Macroeconomics
- SC 142 University Physics I (L)

Biomedical Engineering – BME
- SC 131 Chemistry I (L)

Computer Engineering – CE
- SC 143 University Physics II (L)

Computer Science – CS
- SC 143 University Physics II (L)

Cybersecurity – CB
- EC 101 Princ of Macroeconomics
- SC 140 College Physics I (L)
- SS 101 General Psychology

Electrical Engineering – EE
- SC 131 Chemistry I (L)

Industrial Engineering – IE
- SC 131 Chemistry I (L)

Mechanical Engineering – ME
- SC 131 Chemistry I (L)

Product Design & Manufacturing Engineering – PDME
- SC 142 University Physics I (L)

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