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/

JOHNSON 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

The 34-35 credit hours are divided as follows:

- *English Discipline Area – Bucket 1: ENGL 119 or ENGL 121 or ENGL 257 and ENGL 122.*
- *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.*

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

Academic Divisions for General Education

ENGLISH DISCIPLINE AREA BUCKET 1

- ENGL 121 Composition I
  or ENGL 119 College Comp I w/Rev
  or ENGL 257 Generative AI and the Future of Writing
- ENGL 122 Composition II

This Transfer Guide is for information only and is not a contract. Courses/requirements subject to change.
Produced March 2026

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COMMUNICATIONS DISCIPLINE AREA BUCKET 2

- COMS 120 Interpersonal Comm
- COMS 121 Public Speaking

MATHEMATICS & STATISTICS DISCIPLINE AREA BUCKET 3

- MATH 151 Contemporary Math
- MATH 161 Elementary Statistics
- MATH 171 College Algebra
- MATH 172 Trigonometry
- MATH 173 Precalculus
- MATH 201 Statistics
- MATH 231 Bus/Applied Calculus I
- MATH 241 Calculus I

NATURAL & PHYSICAL SCIENCES DISCIPLINE AREA BUCKET 4

- ASTR 122 Astronomy (L)
- BIOL 121 Intro Bio/Non-majors (L)
- BIOL 125 General Botany (L)
- BIOL 127 General Zoology (L)
- BIOL 135 Principles of Cell & Molecular Biology (L)
- BIOL 140 Human Anatomy **and** BIOL 225 Human Physiology (L)
- BIOL 144 Hum Anatomy & Phys (L)
- BIOL 150 Biology of Organisms (L)
- BIOL 230 Microbiology **and** BIOL 231 Microbiology (L)
- CHEM 120 Chemistry in Society (L)
- CHEM 122 Princ of Chemistry (L)
- CHEM 124 Gen Chemistry I Lecture **and** CHEM 125 Gen Chemistry I (L)
- CHEM 131 Gen Chemistry II Lecture **and** CHEM 132 Gen Chemistry II (L)
- CHEM 140 Principles of Organic & Biological Chemistry (L)
- CHEM 220 Organic Chemistry I (L)
- EVRN 130 Envrnm Science^
- EVRN 132 Envrnm Sci Lab (L)
- GEOS 130 General Geology (L)
- GEOS 160 Intro to Meteorology
- GEOS 130 General Geology (L)
- PHYS 130 College Physics I (L)
- PHYS 131 College Physics II (L)
- PHYS 220 Engineering Physics I (L)
- PHYS 221 Engineering Physics II (L)
- PSCI 120 Physical Science (L)

SOCIAL & BEHAVIORAL SCIENCES DISCIPLINE AREA BUCKET 5

- ANTH 125 Cultural Anthropology^
- ANTH 130 World Cultures^
- ANTH 142 World Prehistory
- ANTH 144 Archaeology
- ANTH 150 People and Cultures of Mesoamerica^
- ANTH 165 Linguistic Anthropology
- BIOL 132 Intro to Public Health
- BUS 235 Intro Int'l Business^
- CJ 121 Intro to Criminal Justice Sys
- CJ 141 Criminal Law
- ECON 230 Princ of Macroeconomics
- ECON 231 Princ of Microeconomics
- GEOS 140 Physical Geography^
- GEOS 145 World Regional Geog^
- PHIL 177 Feminist Theory^
- POLS 122 Political Science
- POLS 124 American National Gov
- POLS 126 State/Local Government
- POLS 132 Intro Comparative Gov^
- POLS 135 International Relations^
- POLS 192 Political Theory
- POLS 250 Intro to Globalization^
- PSYC 130 Introduction to Psychology
- PSYC 215 Child Development
- PSYC 218 Human Development
- PSYC 220 Social Psychology
- SOC 122 Introduction to Sociology
- SOC 125 Social Problems
- SOC 131 Sociology of Families
- SOC 146 Introduction to Social Work & Social Welfare
- SOC 270 Men and Masculinities
- WGS 201 Global Women's Studies^

ARTS AND HUMANITIES DISCIPLINE AREA BUCKET 6

- ANTH 135 American Indian Art
- ART 142 Ceramics I
- ARTH 180 Art Hist: Ancient-Mdvl
- ARTH 182 Art Hist: Renais-Modern
- ASL 123 Intermd Amer Sign Lang II^
- COMS 180 Intercultural Comm^
- ENGL 130 Introduction to Literature
- ENGL 205 Bible as Literature
- ENGL 214 Environmental Literature
- ENGL 223 Intro to Creative Writing
- ENGL 227 Introduction to Poetry
- ENGL 230 Introduction to Fiction
- ENGL 235 Drama as Literature
- ENGL 236 British Lit to 1800
- ENGL 237 British Lit after 1800
- ENGL 243 Lit of Science Fiction
- ENGL 244 Lit of Amer Popular Music
- ENGL 246 American Literature I
- ENGL 247 American Literature II
- ENGL 251 World Lit to 1620
- ENGL 252 Intro to Shakespeare
- EVRN 155 Bioethics^
- EVRN 250 Bioethics in Science and Research^
- FL 130 Elementary Spanish I^
- FL 131 Elementary Spanish II^
- FL 140 Elementary French I^
- FL 141 Elementary French II^
- FL 182 Intermediate Japanese I^
- FL 183 Intermediate Japanese II^
- FL 220 Intermediate German I^
- FL 221 Intermediate German II
- FL 230 Intermediate Spanish I^
- FL 241 Intermediate French II
- FMS 100 Intro to Film
- HIST 120 Local & Kansas History
- HIST 125 Western Civilization: Ancient World to the Renaissance
- HIST 126 Western Civ: Scientific Revolution to the Modern Age
- HIST 130 European Hist since 1789
- HIST 140 US History to 1877
- HIST 141 US History since 1877
- HIST 151 World Hist: Traditional^
- HIST 152 World History: Modern^
- HIST 160 Modern Russian History
- HUM 122 Introduction to Humanities
- HUM 145 Wrld Humnt: Anc-Mdieval
- HUM 146 Wrld Humnt: Ren-Modern
- JOUR 120 Mass Media & Society
- MUS 121 Intro to Music Listening
- MUS 124 Basic Mus Elem Classroom
- MUS 125 Intro to Jazz Listening^
- MUS 126 Intro to World Music^
- MUS 128 History Rock & Roll Music
- PHIL 121 Introduction to Philosophy
- PHIL 124 Logic & Critical Thinking
- PHIL 140 Business Ethics^
- PHIL 143 Ethics^
- PHIL 154 Hist Ancient Philosophy
- PHIL 155 Bioethics^
- PHIL 176 Philosophy of Religion
- PHIL 210 Hist Modern Philosophy

- REL 120 Exploring World Religions
- REL 126 Religions of the West
- THEA 120 Introduction to Theater^
- THEA 121 Fundamentals of Acting
- THEA 130 Acting I

INSTITUTIONALLY DESIGNATED AREA BUCKET 7

- ANTH 126 Physical Anthropology^
- ASTR 120 Fundamentals of Astronomy
- ASTR 122 Astronomy (L)
- CIS 124 Intro Compu Conc/App (L)
- CIS 201 Intro to Info Systems
- EVRN 124 Oceanus
- MATH 242 Calculus II
- MATH 243 Calculus III
- MATH 285 Statistics for Business

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.

- CHEM 124 Gen Chemistry I Lecture **and** CHEM 125 Gen Chemistry I (L)* *(except APEN-PA concentration, CB, CE, CS)*
- MATH 181 Statistics *(except AE, ME)*
- MATH 241 Calculus I *(except CB)*
- MATH 242 Calculus II *(except CB)*
- MATH 243 Calculus III *(only AE, EE, ME)*
- MATH 254 Differential Equations *(except APEN, CB, CS, IE)*
- PHYS 220 Engineering Physics I (L) *(except CB)*
- PHYS 221 Engineering Phys II (L)* *(except APEN-SE concentration, CB)*

APEN-EM concentration - Choose one: CHEM 124* ***or* *PHYS 221*

OTHER COURSES BY MAJOR

Aerospace Engineering – AE

- ECON 230 Princ of Macroeconomics
- ENGR 131Engineering Graphics I
- ENGR 251 Statics
- ENGR 254 Dynamics

Applied Engineering – APEN

- ACCT 121 Accounting I **and** ACCT 122 Accounting II *(EM only)*
- ECON 230 Princ of Macroeconomics
- ENGR 131 Engineering Graphics I
- ENGR 251 Statics
- EVRN 130 Envrnm Science^ **and** EVRN 132 Envrnm Sci Lab (L)

Biomedical Engineering – BME

- BIOL 135 Princ Cell & Molecu Bio (L)
- BIOL 144 Human Anat & Phys (L)
- CHEM 131 Gen Chemistry II Lecture **and** CHEM 132 Gen Chemistry II (L)
- ENGR 251 Statics

Computer Engineering – CE

- CS 200 Conc/Prog Algorithms/C++ **or** CS 202 Conc of Programming Algorithms using Python
- CS 235 Obj-Oriented Prog Using C++
- CS 250 Basic Data Strctrs Using C++

Computer Science (CS)

- CS 200 Conc/Prog Algorithms/C++ **or** CS 202 Conc of Programming Algorithms using Python
- CS 235 Obj-Oriented Prog Using C++
- CS 250 Basic Data Strctrs Using C++
- PHIL 124 Logic & Critical Thinking

Cybersecurity – CB

- CSS 120 Comp User Support Skills **or** IT 120 CompTIA A+ Core 2 **or** IT 206 Network Security Fund
- CSS 290 Comp Supp Specialist Intern
- ECON 230 Princ of Macroeconomics
- IT 202 IT Scripting
- MATH 172 Trigonometry **or** MATH 172H HON: Trigonometry
- PHIL 124 Logic & Critical Thinking
- PHYS 130 General Physics I (L)
- PSYC 130 Intro to Psychology
- PSYC 220 Social Psychology

Electrical Engineering – EE

- CS 200 Conc/Prog Algorithms/C++ **or** CS 202 Conc of Programming Algorithms using Python

Industrial Engineering – IE

- CS 200 Conc/Prog Algorithms/C++ **or** CS 202 Conc of Programming Algorithms using Python
- ENGR 131 Engineering Graphics I

Mechanical Engineering – ME

- ENGR 131 Engineering Graphics I
- ENGR 251 Statics
- ENGR 254 Dynamics

Product Design & Manufacturing Engineering – PDME

- ENGR 131 Engineering Graphics I
- ENGR 251 Statics

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
- ECON 230 Princ of Macroeconomics
- PHYS 220 Engineering Physics I (L)

Applied Engineering – APEN
- ECON 230 Princ of Macroeconomics
- PHYS 220 Engineering Physics I (L)

Biomedical Engineering – BME
- CHEM 124 Gen Chemistry I Lecture **and** CHEM 125 Gen Chemistry I (L)

Computer Engineering – CE
- PHYS 221 Engineering Physics II (L)

Computer Science – CS
- PHYS 221 Engineering Physics II (L)

Cybersecurity – CB
- ECON 230 Princ of Macroeconomics
- PHYS 130 General Physics I (L)
- PSYC 130 Intro to Psychology

Electrical Engineering – EE
- CHEM 124 Gen Chemistry I Lecture **and** CHEM 125 Gen Chemistry I (L)

Industrial Engineering – IE
- CHEM 124 Gen Chemistry I Lecture **and** CHEM 125 Gen Chemistry I (L)

Mechanical Engineering – ME
- CHEM 124 Gen Chemistry I Lecture **and** CHEM 125 Gen Chemistry I (L)

Product Design & Manufacturing Engineering – PDME
- PHYS 220 Engineering Physics I (L)