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/

HIGHLAND 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: ENG 101 and ENG 102 or ENG 103.*
- ❖ *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.*

Highland 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
- ENG 101 Composition I
- ENG 102 Comp II: Lit & Research
  or ENG 103 Comp II: Rhet & Rsrch

COMMUNICATIONS DISCIPLINE AREA BUCKET 2
- SP 101 Oral Communications
- SP 105 Interpersonal Comm
- SP 106 Public Speaking

MATHEMATICS & STATISTICS DISCIPLINE AREA BUCKET 3
- MAT 104 College Algebra
- MAT 105 Trigonometry
- MAT 106 Calculus I
- MAT 107 Gen Calc/Linear Algebra
- MAT 108 Topics in Contemp Math
- MAT 203 Basic Statistics

NATURAL & PHYSICAL SCIENCES DISCIPLINE AREA BUCKET 4
- BS 101 College Biology (L)
- BS 104 Human Anatomy
  and BS 105 Physiology (L)
- BS 107 Intro Environm Science (L)^
- BS 201 General Zoology
  and BS 202 General Botany (L)
- BS 203 Microbiology (L)
- CHM 107 General Chemistry (L)
- CHM 111 College Chemistry I (L)
- CHM 112 College Chemistry II (L)
- CHM 211 Organic Chemistry I (L)
- PS 101 College Physical Sci (L)
- PS 102 Concepts of Physics (L)
- PS 104 Physical Geology (L)
- PS 108 Astronomy (L)
- PS 203 General Physics I (L)
- PS 204 General Physics II (L)
- PS 215 College Physics I (L)
- PS 216 College Physics II (L)

SOCIAL & BEHAVIORAL SCIENCES DISCIPLINE AREA BUCKET 5
- ANT 112 General Anthropology^
- BUS 203 Macroeconomics
- BUS 204 Microeconomics
- CJ 100 Intro to Criminal Justice
- CJ 201 Criminal Law
- GEO 212 Wrld Regional Geography^
- HMS 100 Fund of Human Services
- HMS 118 Ethics/Helping Prof^
- POL 100 US Government
- POL 101 Intro to Political Science
- POL 115 State & Local Government
- PSY 101 General Psychology
- PSY 202 Child Psychology
- PSY 205 Human Growth & Dev
- PSY 206 Social Psychology
- SOC 101 General Sociology
- SOC 102 Marriage and Family
- SOC 104 Intro to Social Work
- SOC 210 Social Problems

ARTS & HUMANITIES DISCIPLINE AREA BUCKET 6
- A 101 Art Appreciation
- A 112 Ceramics I
- A 201 Art Hist Surv: Prehist-Mediev
- A 202 Art Hist Surv: Renais-Contemp
- ENG 104 Intro to Literature
- ENG 202 Amer Lit: Precolo-Civ War
- ENG 205 Old Testament Literature
- ENG 208 Intro to the Short Story
- ENG 209 Amer Lit: Reconst-Pres
- ENG 210 World Lit: Beg to Renais
- ENG 211 World Lit: Enlight-Pres
- ENG 212 Brit Lit_ Mid Age-1800
- ENG 213 British Lit-1800-Pres
- ENG 215 Diverse Voices in Lit
- ENG 223 Creative Writing
- HIS 101 US History I to 1877
- HIS 102 US History II since 1877
- HIS 103 Hist Western Civilization I^
- HIS 104 Hist Western Civilization II^
- LG 101 Spanish I^
- LG 102 Spanish II^
- LG 201 Spanish III^
- M 103 Music History/Appreciation
- M 146 Musical Theatre History
- M 162 Intro to World Music^
- M 223 History of Jazz^
- MT 110 Intro Mass Communications
- PHI 101 Intro to Philosophy
- PHI 102 Intro to Ethics^
- PHI 103 Logic & Critical Thinking
- PHI 105 Religions of the World
- SP 103 Oral Interpretation
- TH 105 Intro to Dramatics^
- TH 108 Hist/Apprec of Theatre Art^
- TH 109 Fund Style/Princ of Acting
- TH 110 Acting I
- TH 146 Musical Theatre History
- TH 207 Acting III
- TH 208 Film Appreciation

INSTITUTIONALLY DESIGNATED AREA BUCKET 7
- BUS 130 Microcomputer Appl I: Word Processing, Spreadsheet, Database, Presentation (L)
- CAD 111 Operating Systems (L)
- CST 107 Intro Computers/Apps
- MAT 110 Calculus II
- MAT 201 Calculus III

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.
- CHM 111 College Chemistry I (L)*
  (except APEN-PA concentration, CB, CE, CS)

- MAT 106 Calculus *(except CB)*
- MAT 110 Calculus II *(except CB)*
- MAT 201 Calculus III *(only AE, EE, ME)*
- MAT 202 Differential Equations *(except APEN, CB, CS, IE)*
- PS 215 College Physics I (L) *(except CB)*
- PS 216 College Physics II (L)* *(except APEN-SE concentration, CB)*

APEN-EM concentration - Choose one: CHM 111 **or PS 216*

OTHER COURSES BY MAJOR

Aerospace Engineering – AE
- BUS 203 Macroeconomics
- CAD 101 Technical Drawing I **and** CAD 151 Technical Drawing II **and** CAD 201 Technical Drawing III **and** CAD 251 Technical Drawing IV **or** EGT 186 Engr Graphics Appl (*ONLY if student takes IME 222L at WSU*)

Applied Engineering – APEN
- BS 107 Intro Environm Science (L)^
- BUS 103 Accounting I **and** BUS 105 Accounting II **or** BUS 200 Financial Acct *(EM only)*
- BUS 203 Macroeconomics
- CAD 101 Technical Drawing I **and** CAD 151 Technical Drawing II **and** CAD 201 Technical Drawing III **and** CAD 251 Technical Drawing IV **or** EGT 186 Engr Graphics Appl (*ONLY if student takes IME 222L at WSU*)
- MAT 203 Basic Statistics

Biomedical Engineering – BME
- BS 104 Human Anatomy **and** BS 105 Human Physiology (L)
- BS 201 General Zoology **and** BS 202 General Botany (L)
- CHM 112 College Chemistry II (L)

Computer Engineering – CE
Major courses at WSU

Computer Science – CS
- PHI 103 Logic & Critical Thinking

Cybersecurity – CB
- BUS 203 Macroeconomics
- CST 106 Intro to Networking: CCNA1
- MAT 105 Trigonometry
- PHI 103 Logic & Critical Thinking
- PS 203 General Physics I
- PSY 101 General Psychology
- PSY 206 Social Psychology

Electrical Engineering – EE
Major courses at WSU

Industrial Engineering – IE
- CAD 101 Technical Drawing I **and** CAD 151 Technical Drawing II **and** CAD 201 Technical Drawing III **and** CAD 251 Technical Drawing IV **or** EGT 186 Engr Graphics Appl (*ONLY if student takes IME 222L at WSU*)

Mechanical Engineering – ME
- CAD 101 Technical Drawing I **and** CAD 151 Technical Drawing II **and** CAD 201 Technical Drawing III **and** CAD 251 Technical Drawing IV **or** EGT 186 Engr Graphics Appl (*ONLY if student takes IME 222L at WSU*)

Product Design & Manufacturing Engineering – PDME
- CAD 101 Technical Drawing I **and** CAD 151 Technical Drawing II **and** CAD 201 Technical Drawing III **and** CAD 251 Technical Drawing IV **or** EGT 186 Engr Graphics Appl (*ONLY if student takes IME 222L 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
- BUS 203 Macroeconomics
- PS 215 College Physics I (L)

Applied Engineering – APEN
- BUS 203 Macroeconomics
- PS 215 College Physics I (L)

Biomedical Engineering – BME
- CHM 111 College Chemistry I (L)

Computer Engineering – CE
- PS 216 College Physics II (L)

Computer Science – CS
- PS 216 College Physics II (L)

Cybersecurity – CB
- BUS 203 Macroeconomics
- PS 203 General Physics I
- PSY 101 General Psychology

Electrical Engineering – EE
- CHM 111 College Chemistry I (L)

Industrial Engineering – IE
- CHM 111 College Chemistry I (L)

Mechanical Engineering – ME
- CHM 111 College Chemistry I (L)

Product Design & Manufacturing Engineering – PDME
- PS 215 College Physics I (L)