

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:

www.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 <https://www.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: <http://catalog.wichita.edu/undergraduate/academic-information/graduation/>

KANSAS CITY KANSAS COMMUNITY COLLEGE

WSU COLLEGE OF ENGINEERING

www.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.

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: ENGL 0101 and ENGL 0102.
- ❖ Communications Discipline Area – Bucket 2: SPCH 0151.
- ❖ 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: 6 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.

Kansas City Kansas 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 0101 Composition I
- ENGL 0102 Composition II

COMMUNICATIONS DISCIPLINE AREA BUCKET 2

- SPCH 0151 Public Speaking

MATHEMATICS & STATISTICS DISCIPLINE AREA BUCKET 3

- MATH 0105 Coll Algebra w/Rev
- MATH 0106 College Algebra
- MATH 0108 Pre-Calculus
- MATH 0111 Contemporary Math
- MATH 0112 Trigonometry
- MATH 0115 Statistics
- MATH 0120 Calculus I (Non-engr)

- MATH 0121 Calculus II (Non-engr)
- MATH 0122 Calc/Analytic Geom I

NATURAL & PHYSICAL SCIENCES DISCIPLINE AREA BUCKET 4

- BIOL 0119 Life/the Environment (L)
- BIOL 0121 General Biology (L)
- BIOL 0131 Environmental Science and BIOL 0132 Environm Sci Lab (L)
- BIOL 0135 Principles of Cell & Molecular Biology (L)
- BIOL 0141 Human Anat & Lab (L)
- BIOL 0143 Hum Anatomy & Phys (L)
- BIOL 0225 Divers of Organisms (L)
- BIOL 0240 Intro to Genetics (L)
- BIOL 0261 Microbiology and BIOL 0262 Microbiology (L)
- CHEM 0109 General Chem (L)
- CHEM 0111 Coll Chemistry I (L)
- CHEM 0112 Coll Chemistry II (L)
- CHEM 0211 Organic Chemistry I and CHEM 0213 Organic Chem I (L)
- NASC 0103 Gen Physical Science (L)
- NASC 0107 Intro to Astronomy and NASC 0108 Intro to Astron (L)
- NASC 0130 Intro Physics and NASC 0131 Intro Physics (L)
- NASC 0186 Physical Geology (L)
- NASC 0231 General Physics I (L)
- NASC 0232 General Physics II (L)
- NASC 0245 Engineering Phys I (L)
- NASC 0246 Engineering Phys II (L)

SOCIAL & BEHAVIORAL SCIENCES DISCIPLINE AREA BUCKET 5

- ANTH 0100 General Anthropology
- ANTH 0101 Intro Cultural Anthropol
- ANTH 0105 Archaeology
- CRJS 0101 Intro to Criminal Justice
- CRJS 0116 Juvenile Delinq/Justice
- CRJS 0203 Criminal Law
- ECON 0201 Principles of Macroecon
- ECON 0202 Principles of Microecon
- GEOG 0101 Intro to Cultural Geog
- HONR 0202 PTK Ldrshp Dev
- HUMN 0150 Intro Women's Studies
- POSC 0101 Intro to Political Science
- POSC 0102 International Relations/Foreign Policy
- POSC 0111 American Government

- POSC 0112 State & Local Gov
- PSYC 0101 Psychology
- PSYC 0202 Child Development
- PSYC 0203 Human Development
- PSYC 0204 Personality
- PSYC 0214 Social Psychology
- SOSC 0107 Sociology
- SOSC 0108 Sociology of the Family
- SOSC 0109 Diversity Studies
- SOSC 0207 Urban Sociology
- SOSC 0209 Social Problems
- SOSC 0210 Intro to Social Work
- SOSC 0215 Intro to Human Service

ARTS & HUMANITIES DISCIPLINE AREA BUCKET 6

- ARTS 0101 Art Appreciation
- ARTS 0102 Art Hst I: Neolith-Mediev
- ARTS 0103 Art Hist II: Renais-Cntmp
- ARTS 0263 Ceramics III
- ENGL 0104 Intro to Literature
- ENGL 0108 Intro to Poetry
- ENGL 0109 Intro to Fiction
- ENGL 0133 Women in Literature
- ENGL 0204 Creative Writing
- ENGL 0210 Early American Lit
- ENGL 0211 Modern American Lit
- ENGL 0212 Drama as Literature: Early to Modern
- ENGL 0214 Afro-American Lit
- ENGL 0217 Early English Literature
- ENGL 0218 Modern English Lit
- HIST 0104 US to 1877
- HIST 0105 US since 1877
- HIST 0109 The Bible as History
- HIST 0115 World Civilization I
- HIST 0116 World Civilization II
- HIST 0204 Western Civilization I
- HIST 0205 Western Civilization II
- HUMN 0101 Arts/Culture Early Wrld
- HUMN 0102 Art/Culture Mdrn Wrld
- HUMN 0207 Compar Wrld Religions
- JOUR 0175 Intro to Mass Comm
- LANG 0203 French III
- LANG 0204 French IV
- LANG 0223 German III
- LANG 0224 German IV
- LANG 0243 Spanish III
- MUSC 0101 Music Appreciation
- PHIL 0103 Intro to Philosophy
- PHIL 0105 Logic

- PHIL 0206 Ethics
- PHIL 0207 Philosophical Foundations in Health Care Ethics
- SPCH 0201 Interpersonal Comm
- THTR 0101 Theatre Appreciation
- THTR 0105 Intro to Acting
- THTR 0112 Dance History
- THTR 0115 Acting I

INSTITUTIONALLY DESIGNATED AREA BUCKET 7

- CIST 0101 Computer Conc/App (L)
- MATH 0123 Calc/Analytic Geom II
- MATH 0224 Calc/Analytic Geom III
- NASC 0101 Intro to Physical Science
- NASC 0175 Intro to Meteorology (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.

- CHEM 0111 College Chem I (L)*
(except APEN-PA concentration, CB, CE, CS)
- MATH 0122 Calc/Analytic Geom I
(except CB)
- MATH 0123 Calc/Analytic Geom II
(except CB)
- MATH 0224 Calc/Analytic Geom III
(only AE, EE, ME)

- MATH 0227 Differential Equations
(*except APEN, CB, CS, IE*)
- NASC 0245 Engineering Physics I (L)
(*except CB*)
- NASC 0246 Engineering Phys II (L)*
(*except APEN-SE concentration, CB*)

**APEN-EM concentration - Choose one:
CHEM 0111 or NASC 0246*

OTHER COURSES BY MAJOR

Aerospace Engineering – AE

- ECON 0201 Principles of Macroecon
- NASC 0248 Statics
- NASC 0249 Dynamics

Applied Engineering – APEN

- BIOL 0131 Environmental Science
and BIOL 0132 Environm Sci Lab (L)
- BUSN 0101 Accounting I
and BUSN 0102 Accounting II
(*EM only*)
- ECON 0201 Principles of Macroecon
- ELEC 0120 DC Circuits
and ELEC 0210 AC Circuits (*PA & SE
only*)
- MATH 0115 Statistics
- NASC 0248 Statics

Biomedical Engineering – BME

- BIOL 0135 Principles of Cell &
Molecular Biology (L)
- BIOL 0141 Human Anat & Lab (L)
or BIOL 0143 Hum Anat & Phys (L)
- CHEM 0112 College Chem II (L)
- NASC 0248 Statics

Computer Engineering – CE

- CIST 0291 Discrete Structures II

Computer Science – CS

- CIST 0291 Discrete Structures II
- PHIL 0105 Logic

Cybersecurity – CB

- CIST 0155 Digital Forensics
- CIST 0225 Information Assurance &
Data Protection
- CIST 0245 Adv Security Practitioner
- CIST 0272 Server-Side Prog PHP
- CRTE 0100 CompTIA A+ Core 1

- ECON 0201 Principles of Macroecon
- MATH 0112 Trigonometry
- MATH 0115 Statistics
- NASC 0231 General Physics I (L)
- PSYC 0101 Psychology
- PSYC 0214 Social Psychology
- PHIL 0105 Logic

Electrical Engineering – EE

Major courses at WSU

Industrial Engineering – IE

Major courses at WSU

Mechanical Engineering – ME

- NASC 0248 Statics
- NASC 0249 Dynamics

Product Design & Manufacturing Engineering – PDME

- NASC 0248 Statics

Computer Engineering – CE

- NASC 0246 Engineering Phys II (L)

Computer Science – CS

- NASC 0246 Engineering Phys II (L)

Cybersecurity – CB

- ECON 0201 Principles of Macroecon
- NASC 0231 General Physics I (L)
- PSYC 0101 Psychology

Electrical Engineering – EE

- CHEM 0111 Coll Chemistry I (L)

Industrial Engineering – IE

- CHEM 0111 Coll Chemistry I (L)

Mechanical Engineering – ME

- CHEM 0111 Coll Chemistry I (L)

Product Design & Manufacturing Engineering – PDME

- NASC 0245 Engineering Phys I (L)

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 0201 Principles of Macroecon
- NASC 0245 Engineering Phys I (L)

Applied Engineering – APEN

- ECON 0201 Principles of Macroecon
- NASC 0245 Engineering Phys I (L)

Biomedical Engineering – BME

- CHEM 0111 Coll Chemistry I (L)