

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/>

GARDEN CITY 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 101 and ENGL 102.
- ❖ Communications Discipline Area – Bucket 2: COMM 101 or COMM 102.
- ❖ 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.

Garden City 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 101 English I
- ENGL 102 English II

COMMUNICATIONS DISCIPLINE AREA BUCKET 2

- COMM 101 Public Speaking
or COMM 102 Adv Public Speaking

MATHEMATICS & STATISTICS DISCIPLINE AREA BUCKET 3

- MATH 108 College Algebra
- MATH 109 Plane Trigonometry
- MATH 110 Fund of Statistics
- MATH 120 Precalculus
- MATH 121 Fund of Calculus
- MATH 122 Calc/Analytic Geom I

NATURAL & PHYSICAL SCIENCES DISCIPLINE AREA BUCKET 4

- BIOL 104 Environm Science (L)
- BIOL 105 General Biology (L)
- BIOL 114 Biology I (L)
- BIOL 115 Biology II (L)
- BIOL 210 Anatomy & Physiology (L)
- BIOL 211 Anatomy & Physiology I **and** BIOL 212 Anatomy & Phys II (L)
- BIOL 213 Microbiology (L)
- CHEM 105 General Chemistry (L)
- CHEM 108 Chem/Health Svcs (L)
- CHEM 109 College Chemistry I (L)
- CHEM 110 College Chemistry II (L)
- CHEM 206 Organic Chemistry I (L)
- CHEM 210 Intro to Biochemistry (L)
- PHSC 105 Gen Physical Science (L)
- PHSC 205 Physical Geol w/Lab (L)
- PHYS 205 General Physics I (L)
- PHYS 206 General Physics II (L)
- PHYS 207 Engr Physics I (L)
- PHYS 208 Engr Physics II (L)

SOCIAL & BEHAVIORAL SCIENCES DISCIPLINE AREA BUCKET 5

- CRIM 101 Intro to Criminal Justice
- CRIM 103 Criminal Law
- CRIM 108 Juvenile Delinq/Justice
- CSCI 190 Computer Ethics
- ECON 111 Princ of Econ: Macro
- ECON 112 Princ of Econ: Micro
- ECHD 101 Child Development
- GEOG 101 World Geography
- POLS 104 Intro to Political Science
- POLS 105 American Government
- PSYC 101 General Psychology
- PSYC 104 Social Psychology
- PSYC 210 Developmental Psych
- SOCI 102 Intro to Sociology
- SOCI 105 Intro to Cultural Anthropol
- SOCI 113 Sociology of Families
- SOCI 204 Social Problems
- SOCI 210 Intro to Social Work
- SOCI 220 Diversity in Society

ARTS & HUMANITIES DISCIPLINE AREA BUCKET 6

- ARTS 1113 Ceramics
- ARTS 120 Art Appreciation
- ARTS 121 Art Hist I: Prehist-Med
- ARTS 122 Art Hist II: Renai-Contemporary
- BSAD 220 Business Ethics
- COMM 103 Interpersonal Comm
- COMM 112 Oral Interpretation
- COMM 120 Intro to Mass Comm
- COMM 140 Intro to Broadcasting
- COMM 201 Intercultural Comm
- COMM 203 Comm in the Info Society
- DRAM 111 Acting I
- DRAM 150 Introduction to Theatre
- ENGL 210 Introduction to Literature
- ENGL 211 Wrld Lit/Hum Experience
- ENGL 212 British Literature I
- ENGL 213 British Literature II
- ENGL 214 American Literature I
- ENGL 215 American Literature II
- ENGL 230 Underst Old Testament
- ENGL 231 Underst New Testament
- ENGL 232 Mythology & Folklore
- ENGL 233 Young Adult Literature
- ENGL 240 Creative Writing
- HIST 101 Survey of Civilization I
- HIST 102 Survey of Civilization II
- HIST 103 American History to 1877
- HIST 104 American Hist since 1877
- MUSC 106 Today's Music
- MUSC 108 Music History/Apprec
- PHIL 101 Introduction to Philosophy
- PHIL 102 Elementary Ethics

INSTITUTIONALLY DESIGNATED AREA BUCKET 7

- BIOL 101 Introduction to Biology
- CSCI 102 Intro to Programming
- CSCI 110 Intro Compu Conc/App (L)
- MATH 123 Calc/Analytic Geom II
- MATH 205 Calc/Analytic Geom III
- PHSC 106 Descriptive Astronomy
- PHSC 2053 Phys Geology Lecture

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 109 College Chem I (L)*
(except APEN-PA concentration, CB, CE, CS)
- MATH 122 Calc/Analytical Geom I
(except CB)
- MATH 123 Calc/Analytical Geom II
(except CB)
- MATH 205 Calc/Analytical Geom III
(only AE, EE, ME)
- MATH 206 Differential Equations
(except APEN, CB, CS, IE)
- PHYS 207 Engineering Physics I (L)
(except CB)
- PHYS 208 Engineering Phys II (L)*
(except APEN-SE concentration, CB)

**APEN-EM concentration - Choose one: CHEM 109 or PHYS 208*

OTHER COURSES BY MAJOR

Aerospace Engineering – AE

- ECON 111 Princ of Econ: Macro

Applied Engineering – APEN

- ACCT 102 Accounting I **and** ACCT 103 Accounting II
(EM only)
- BIOL 104 Environm Science (L)

- ECON 111 Princ of Econ: Macro
- MATH 110 Fund of Statistics

Biomedical Engineering – BME

- BIOL 114 Biology I (L)
- BIOL 210 Anatomy & Physiology (L)
- CHEM 110 College Chemistry II (L)

Computer Engineering – CE

- CSCI 190 Computer Ethics

Computer Science – CS

- CSCI 190 Computer Ethics

Cybersecurity – CB

- CSCI 130 Intro to Cybersecurity
or CSCI 230 Security+
- CSCI 190 Computer Ethics
- CSCI 220 Programming Lang Conc
and CSCI 126 CompTIA A+ Prac Appl
and CSCI 152 Computer Networks
- CSCI 266 Disaster Recovery
- ECON 111 Princ of Econ: Macro
- MATH 109 Plane Trigonometry
- MATH 110 Fund of Statistics
- PHYS 205 General Physics I (L)
- PSYC 101 General Psychology
- PSYC 104 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

- ECON 111 Princ of Econ: Macro
- PHYS 207 Engr Physics I (L)

Applied Engineering – APEN

- ECON 111 Princ of Econ: Macro
- PHYS 207 Engr Physics I (L)

Biomedical Engineering – BME

- CHEM 109 College Chemistry I (L)

Computer Engineering – CE

- CSCI 190 Computer Ethics
- PHYS 208 Engr Physics II (L)

Computer Science – CS

- CSCI 190 Computer Ethics
- PHYS 208 Engr Physics II (L)

Cybersecurity – CB

- CSCI 190 Computer Ethics
- ECON 111 Princ of Econ: Macro
- PHYS 205 General Physics I (L)
- PSYC 101 General Psychology

Electrical Engineering – EE

- CHEM 109 College Chemistry I (L)

Industrial Engineering – IE

- CHEM 109 College Chemistry I (L)

Mechanical Engineering – ME

- CHEM 109 College Chemistry I (L)

Product Design & Manufacturing Engineering – PDME

- PHYS 207 Engr Physics I (L)