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](http://www.wichita.edu/dualadvising).

**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/academics/graduation](http://catalog.wichita.edu/undergraduate/academics/graduation).

**WSU Transfer Policy – Credit Acceptance**
It is the policy of Wichita State University (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.

**WSU Transfer Policy – AA/AS Degrees**
Students transferring to WSU with an AA or AS degree from a Kansas public community college will be considered to have satisfied WSU’s general education curriculum provided that they successfully complete, at WSU (with a grade of C- or better), two general education courses numbered 300 or above. These two courses must be in two separate divisions or subject areas. Students must also complete the WSU or WSU-equivalent Foundation courses listed at right.

### BUTLER COLLEGE OF ENGINEERING

#### WSU COLLEGE OF ENGINEERING

[www.wichita.edu/engineering](http://www.wichita.edu/engineering)  
316-978-3400  
[wichita.edu/engadvising](http://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.

**Foundation Courses**
Students must complete all three courses with a grade of C- or better.

- **EG 101 English Composition I**
- **EG 102 English Composition II**
- **SP 100 Public Speaking**

**Academic Divisions**

**FINE ARTS**
- **AR 100 Art Appreciation**
- **AR 161 Ceramics I**
- **AR 262 Ceramics II**
- **MU 100 Music Appreciation**
- **TA 206 Introduction to Theater Art**

**HUMANITIES**
- **BS 107 Women & Gender Studies**
- **FL 201 Intermediate Spanish**
- **FL 202 Spanish Readings**
- **HS 121 Hist of Western Civilization I**

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Program-Specific Requirements

MATH & NATURAL SCIENCES

Required for all College of Engineering majors.
- CH 110 College Chemistry I/Lab (except AC, CE, CS)
- MA 151 Calc I/Analytic Geometry (except AC)
- MA 152 Calc II/Analytic Geometry (except AC)
- MA 253 Calc III/Analytic/Geometry (except AC, BIO, ET, PDME; counts as IE Math/Science technical elective)
- MA 260 Differential Equations (except AC, CS, ET, IE)
- MA 220 Statistics for Management, Life & Social Sciences (except AE, AC, ET, ME)
- PH 251 Physics I (L) (except AC)
- PH 252 Physics II (L) (except AC)

MATH & NATURAL SCIENCES ELECTIVES

Only AE, ME majors. Complete one course in BIOL, CHEM, GEOL or PHYS. Lab required.
- BIOL
  - BI 215 Majors Biology I-Cell (L)
  - BI 220 Majors Bio II-Organisms (L)
  - BI 226 Anatomy & Physiology I and BI 227 Anatomy & Phys II (L)
  - BI 232 Human Anatomy and BI 262 Human Physiology
  - BI 240 Anatomy & Physiology (L)
- CHEM
  - CH 115 College Chemistry II (L)
  - CH 240 Organic Chemistry I (L) (AE only)
  - CH 245 Organic Chemistry II (L) (AE only)
- GEOL
  - PS 102 Physical Geology (L)
- PHYS
  - PH 103 Descriptive Astronomy (L)

OTHER COURSES BY MAJOR

Aerospace Engineering (AE)
- EN 101 Engineering Graphics I and EN 102 Engineering Graphics II
- EN 260 Statics

Applied Computing (AC)
- MA 135 College Algebra
- MA 140 Trigonometry
- PH 143 General Physics I (L)
- PH 146 General Physics II (L)
- BA 104 Info Processing Systems (except Cybersecurity)
- EN 212 Electrical Circuits (except Cybersecurity)

Applied Computing – Cybersecurity
- IS 102 Supporting Networked Computers
- IS 101 CompTia A+ Ess/Appl
- IS 103 Info Tech Project Mgmt
- IS 151 Network Servers
- IS 152 Administering Windows
- IS 150 Network Clients
- IS 153 Princ of Info Assurance
- IS 202 Virtual Computing

SOCIAL AND BEHAVIORAL SCIENCES

- BS 105 Sociology
- BS 106 Intro to Cultural Anthrop
- BS 110 Contemp Social Problems
- BS 115 Substance Abuse Awareness
- BS 160 General Psychology*
- BS 210 Marriage & Family
- BS 222 Divers & Inequal in the US
- BS 260 Developmental Psychology
- BS 270 Child Psychology
- CJ 102 Introduction to Criminal Justice
- CJ 212 Criminology
- EC 200 Princ of Microeconomics
- EC 201 Princ of Macroeconomics**
- MC 161 Introduction to Mass Comm
- PO 141 American Federal Gov
- PO 142 State and Local Government
- PO 201 International Relations
- PO 226 Intro Comparative Politics
- SC 120 Principles of Geography
- SW 102 Introduction to Social Work

*NATURAL SCIENCES ELECTIVES

Only AE, ME majors. Complete one course in BIOL, CHEM, GEOL or PHYS. Lab required.

- BIOL
  - BI 215 Majors Biology I-Cell (L)
  - BI 220 Majors Bio II-Organisms (L)
  - BI 226 Anatomy & Physiology I and BI 227 Anatomy & Phys II (L)
  - BI 232 Human Anatomy and BI 262 Human Physiology
  - BI 240 Anatomy & Physiology (L)
- CHEM
  - CH 115 College Chemistry II (L)
  - CH 240 Organic Chemistry I (L) (AE only)
  - CH 245 Organic Chemistry II (L) (AE only)
- GEOL
  - PS 102 Physical Geology (L)
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- IS 152 Administering Windows
- IS 150 Network Clients
- IS 153 Princ of Info Assurance
- IS 202 Virtual Computing

*BS 160 required for AC.
**EC 201 required for AE, ET.
• SD 201 Python Progr/Data Science
• IS 203 Network Security
• IS 204 Digital Forensics
• IS 250 Enterprise Security Mgmt
• BA 104 Info Processing Systems

**Biomedical Engineering (BME)**
• BI 215 Majors Biology I-Cell
• BI 240 Anatomy & Physiology (L)
• CH 115 College Chemistry II (L)
• EC 250 Engineering Economics
• EN 260 Statics
• EN 115 Engineering Concepts

**Computer Engineering (CE)**
• EC 250 Engineering Economics
• IN 200 Beg C++ w/Game Progr
• IN 245 CCNA 1 Internetworking Fundamentals
• IN 274 Info Technology Ethics

**Computer Science (CS)**
• *Computer Science majors choose Butler CC’s PL 101 Introduction to Logic (minimum grade of C or better). This course will also satisfy the general education humanities requirement.*
• EC 250 Engineering Economics
• EN 115 Engineering Concepts
• IN 200 Beg C++ w/Game Progr
• IN 245 CCNA 1 Internetworking Fundamentals
• IN 274 Info Technology Ethics

**Electrical Engineering (EE)**
• EC 250 Engineering Economics
• EN 115 Engineering Concepts
• EN 260 Statics
• IN 200 Beg C++ w/ Game Progr

**Industrial Engineering (IE)**
• EC 250 Engineering Economics
• EN 101 Engineering Graphics I and EN 102 Engineering Graphics II
• EN 115 Engineering Concepts
• IN 200 Beg C++ w/ Game Progr
• IT 204 or EN 201 Materials & Processes of Industry

**Product Design & Manufacturing Engineering (PDME)**
• EC 250 Engineering Economics
• EN 115 Engineering Concepts
• EN 101 Engineering Graphics I and EN 102 Engineering Graphics II
• EN 260 Statics
• IT 204 or EN 201 Materials & Processes of Industry

**Mechanical Engineering (ME)**
• EN 101 Engineering Graphics I and EN 102 Engineering Graphics II
• EN 260 Statics
• IT 204 or EN 201 Materials & Processes of Industry

**Engineering Technology (ET)**
• BA 104 Info Processing Systems (FM, ETM only)
• BA 126 Accounting and BA 127 Accounting II (FM, ETM only)
• EC 250 Engineering Economics (except FM)
• EN 101 Engineering Graphics I and EN 102 Engineering Graphics II
• EN 115 Engineering Concepts
• EN 212 Electrical Circuits (CE, MT only)
• IN 200 Beg C++ w/ Game Progr (CE, MT only)
• IT 204 or EN 201 Materials & Processes of Industry (except FM)

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BUTLER COMMUNITY COLLEGE > WSU College of Engineering