



**Johnson County Community College**  
**Transfer Program to the University of Kansas Edwards Campus**  
**School of Education**  
**Exercise Science, Bachelor of Science (BS)**  
**Exercise Science, Bachelor of Applied Science (BAS)**  
**2023-2024 Catalog**

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The Associate of Arts degree (A.A.) at JCCC is a general transfer degree and partners well with the first two years of most bachelor degree programs. Students pursuing the A.A. may select courses that satisfy both the A.A. degree requirements and lower division requirements for a bachelor's degree at four-year institutions. The elective hours within the A.A. allow students to complete additional general education and lower division courses required for specific majors. The A.A. degree requires completion of 60 credit hours. Completion of the JCCC A.A. (or A.S. Associate of Science) degree satisfies KU Core Goals 1, 2 and 3. JCCC degree requirements can be found at: <http://catalog.jccc.edu/degreerequirements/>. **Meeting with a JCCC counselor is strongly recommended for selection of appropriate courses.**

A maximum of 75 community college credit hours can be applied toward a bachelor's degree at KU Edwards. Contact your KU Edwards academic success coach for more information.

**KU Edwards offers two degree options for Exercise Science:**

- The Bachelor of Science (BS) in Exercise Science program will prepare students for careers in physical therapy, cardiac rehabilitation, and strength and conditioning. It is excellent preparation for graduate studies in exercise science and related fields. Students may begin this program in fall or spring semesters. In-person classes are 1-4 p.m. or 4-7 p.m.
- The Bachelor of Applied Science (BAS) in Exercise Science program will prepare students for careers in professional training, corporate wellness, military/law enforcement/first responder force readiness, and strength and conditioning coaching. Students considering graduate studies in exercise science or who are preparing for physical therapy school should consider the BS in Exercise Science. Note: All major courses for the BAS in Exercise Science are online courses. Students may begin this program in fall or spring.

**The following admission requirement applies to both degree options:**

- Minimum cumulative transferable GPA of 2.75. A transferable GPA includes all courses that KU will accept for transfer. Though only transfer grades of "C" or higher will count toward KU degree requirements, all grades count in the transferable GPA.
- Transfer students are encouraged to apply to the University of Kansas at [KU Admissions](#) and select the Edwards Campus, by Sept. 15 (spring admission) or by Feb. 1<sup>st</sup> (fall admission). Please note these are priority deadlines.

Minimum total hours for graduation is 120, of which 45 must be upper division. Community college courses do not transfer as junior/senior hours. Thirty of the 120 hours must be at KU.

**Bachelor of Science in Exercise Science**

**KU Core Requirements**

The KU Core is KU's general education program. It is a set of six educational goals that all students must satisfy. As noted below, the General Education Requirements specified by the School of Education satisfy KU Core Goals 1.1, 1.2, 2.1, 2.2, 3S, 3N, and AE 5.1. Goal 6 is satisfied by an upper-level major course. Students may also complete the KU Core Goals 3H, 4.1 and 4.2 at JCCC as listed in the table below.

Completion of the JCCC A.A. (or A.S.) degree satisfies KU Core Goals 1, 2 and 3. JCCC students not completing the A.A. (or A.A.) degree may refer to <https://credittransfer.ku.edu/> to see how JCCC courses will transfer to meet KU Core Goals.

## Recommended JCCC courses for KU Edwards Bachelor of Science, Exercise Science

| KU Courses   | JCCC Courses   | Req. Fulfilled                 |
|--|--|--------------------------------|
| BIOL 150 Principles of Molecular and Cellular Biology  | BIOL 135 Principles of Cell & Molecular Biology  | Goal GE 3N                     |
| BIOL 240 & 241 (lab) Fundamentals of Human Anatomy   | BIOL 140 Human Anatomy   | Prerequisite for major         |
| BIOL 246 & 247 (lab) Principles of Human Physiology  | BIOL 225 Human Physiology*   | Prerequisite for major         |
| HSES 330 Principles of Nutrition and Health  | BIOL 235 The Science of Human Nutrition* <b>OR</b><br>DIET 151 Nutrition and Meal Planning   | Major requirement              |
| Microbiology with lab  | BIOL 230/231 Microbiology*/Lab*  | Major requirement              |
| CHEM 130 General Chemistry I   | CHEM 124 & 125 General Chemistry I*/Lab*   | Major requirement              |
| CHEM 135 General Chemistry II  | CHEM 131 & 132 General Chemistry II*/Lab*  | Major requirement              |
| COMS 130 Speaker-Audience Comm.  | COMS 121 Public Speaking   | Goal GE 2.2                    |
| ENGL 101 Composition   | ENGL 121 Composition I*  | Goal GE 2.1                    |
| ENGL 102 Critical Reading and Writing  | ENGL 122 Composition II*   | Goal GE 2.1                    |
| HSES 350 Care and Prevention of Athletic Injuries  | HPER 204 Care and Prevention of Athletic Injury  | Major requirement              |
| HSES 269 Introduction to Exercise Science  | HPER 215 Introduction to Exercise Science  | Prerequisite for major         |
| MATH 101 College Algebra   | MATH 171 College Algebra*  | Goal GE 1.2                    |
| MATH 103 Trigonometry <b>OR</b><br>MATH 104 Precalculus <b>OR</b><br>MATH 115 Calculus I (3 hr) <b>OR</b><br>MATH 125 Calculus I (5 hr)  | MATH 172 Trigonometry* <b>OR</b><br>MATH 173 Precalculus* <b>OR</b><br>MATH 231 Business & Applied Calculus I* <b>OR</b><br>MATH 241 Calculus I* | Major requirement              |
| PHIL 160 Intro to Ethics <b>OR</b><br>PHIL 676 Medical Ethics  | PHIL 143 Ethics  | Goal AE 5.1                    |
| PHSX 114 College Physics I   | PHYS 130 College Physics I*  | Goal GE 1.1/ Major requirement |
| PHSX 115 College Physics II  | PHYS 131 College Physics II*   | Major requirement              |
| PSYC 104 General Psychology  | PSYC 130 Introduction to Psychology  | Goal GE 3S                     |
| KU Core Goal GE 3H   | <a href="#">See list for Goal GE 3H</a>  | Goal GE 3H                     |
| KU Core Goal AE 4.1  | <a href="#">See list for Goal AE 4.1</a>   | Goal AE 4.1                    |
| KU Core Goal AE 4.2  | <a href="#">See list for Goal AE 4.2</a>   | Goal AE 4.2                    |
| <b>18 hours from Electives, Minors or Certificate Programs</b> – See pg. 4 for a list of JCCC equivalent courses, additional courses must be taken at KU to satisfy required hours. Note: Any listed minor may be declared and completed as 18 elective credit hours OR taken as individual courses toward the required 18 elective hours. |  |                                |

\*JCCC course has a prerequisite or corequisite.

To view which JCCC courses are offered online, please see: <https://www.jccc.edu/online-learning/>

## Bachelor of Applied Science in Exercise Science

### KU Core Requirements

The KU Core is KU's general education program. It is a set of six educational goals that all students must satisfy. As noted below, the admission requirements specified by the School of Education satisfy KU Core Goals 1.2, 2.1, 2.2, 3S, 3N, and an upper-level major course satisfies Goal 6. Students should also complete KU Core Goals 1.1, 3H, 4.1, 4.2 and 5.1 at JCCC as listed in the table below.

Completion of the JCCC A.A. (or A.S.) degree satisfies KU Core Goals 1, 2 and 3. JCCC students not completing the A.A. (or A.A.) degree may refer to <https://credittransfer.ku.edu/> to see how JCCC courses will transfer to meet KU Core Goals.

### Recommended JCCC courses for KU Edwards Bachelor of Applied Science, Exercise Science

| KU Courses   | JCCC Courses  | Req. Fulfilled               |
|--|---|------------------------------|
| BIOL 100 Principles of Biology<br><b>OR</b><br>BIOL 150 Principles of Molecular and Cellular Biology   | BIOL 121 Introductory Biology for Non-Majors <b>OR</b><br>BIOL 135 Principles of Cell & Molecular Biology | Goal GE 3N                   |
| BIOL 240 Fundamentals of Human Anatomy   | BIOL 140 Human Anatomy  | Prerequisite for major       |
| BIOL 246 Principles of Human Physiology  | BIOL 225 Human Physiology*  | Prerequisite for major       |
| HSES 330 Principles of Nutrition and Health  | BIOL 235 General Nutrition* <b>OR</b><br>DIET 151 Nutrition and Meal Planning                             | Major requirement            |
| COMS 130 Speaker-Audience Comm.  | COMS 121 Public Speaking  | Goal GE 2.2                  |
| ENGL 101 Composition   | ENGL 121 Composition I*   | Goal GE 2.1                  |
| ENGL 102 Critical Reading and Writing  | ENGL 122 Composition II*  | Goal GE 2.1                  |
| HSES 371 Medical Terminology for Health Professionals <b>OR</b><br>HEIM 230 Medical Terminology  | HC 130 Medical Terminology for Healthcare Professions   | Program Elective             |
| HSES 350 Care and Prevention of Athletic Injuries  | HPER 204 Care and Prevention of Athletic Injury   | Major requirement            |
| HSES 269 Introduction to Exercise Science  | HPER 215 Introduction to Exercise Science   | Prerequisite for major       |
| MATH 101 College Algebra   | MATH 171 College Algebra*   | Goal GE 1.2                  |
| PSYC 104 General Psychology  | PSYC 130 Introduction to Psychology   | Goal GE 3S                   |
| SOC 104 Elements of Sociology  | SOC 122 Introduction to Sociology   | Goal GE 1.1/Program Elective |
| KU Core Goal GE 3H   | <a href="#">See list for Goal GE 3H</a>   | Goal GE 3H                   |
| KU Core Goal AE 4.1  | <a href="#">See list for Goal AE 4.1</a>  | Goal AE 4.1                  |
| KU Core Goal AE 4.2  | <a href="#">See list for Goal AE 4.2</a>  | Goal AE 4.2                  |
| KU Core Goal AE 5.1  | <a href="#">See list for Goal AE 5.1</a>  | Goal AE 5.1                  |
| <b>Program Electives, Minors, and Certificates</b> – Students must choose 42 credit hours from an extensive list of interdisciplinary electives, minors, and certificates, 18 hours of which must be HSES upper-level courses. <i>See pg. 4 for a list of JCCC equivalent courses, additional courses must be taken at KU to satisfy required hours.</i> |   |                              |

\*JCCC course has a prerequisite or corequisite.

To view which JCCC courses are offered online, please see: <https://www.jccc.edu/online-learning/>

**Program Electives, Minors and Certificates** – the following is a list of JCCC equivalent courses, additional courses must be taken at KU to satisfy required hours for the BS or BAS degree.

| KU Courses  | JCCC Courses   | Req. Fulfilled                       |
|---|--|--------------------------------------|
| GIST 210 Culture and Health   | ANTH 160 Medical Anthropology  | Elective                             |
| CHEM 330/331 Organic Chemistry I/Lab (BS degree only)   | CHEM 220 Organic Chemistry I*  | Elective                             |
| CHEM 335/336 Organic Chemistry II/Lab (BS degree only)  | CHEM 221 Organic Chemistry II*   | Elective                             |
| HEIM 230 Medical Terminology <b>OR</b><br>HSES 371 Medical Terminology for Health Professionals | HC 130 Medical Terminology for Healthcare Professions                                      | Elective                             |
| MATH 365 Elementary Statistics (BS degree only)   | MATH 181 Statistics*   | Elective                             |
| PSYC 333 Child Development  | PSYC 215 Child Development*  | Elective                             |
| SOC 104 Elements of Sociology   | SOC 122 Introduction to Sociology  | Elective                             |
| ACCT 200 Fund. of Financial Acct.   | ACCT 122 Accounting II*  | Business Minor                       |
| MGMT 310 Principles of Management   | BUS 141 Principles of Management   | Business Minor                       |
| MKTG 310 Marketing  | MKT 230 Marketing  | Business Minor                       |
| PSYC 104 General Psychology   | PSYC 130 Introduction to Psychology  | Psychology Minor                     |
| PSYC 333 Child Development  | PSYC 215 Child Development*  | Psychology Minor                     |
| PSYC 360 Social Psychology  | PSYC 220 Social Psychology*  | Psychology Minor                     |
| HSCI 340 Intro to Public Health   | BIOL 132 Introduction to Public Health   | Public/Population Health Minor/Cert. |
| HSES 330 Principles of Nutrition and Health   | BIOL 235 The Science of Human Nutrition* <b>OR</b><br>DIET 151 Nutrition and Meal Planning | Nutrition Minor/<br>Nutrition Cert.  |

\*JCCC course has a prerequisite or corequisite.

**It is the STUDENT’S RESPONSIBILITY to check for updates to all transfer information. This transfer guide is provided as a service and is updated as needed. Degree requirements at the four-year colleges are subject to change by those institutions. To ensure you have the most accurate up to date information about the program, it is imperative you meet with an advisor at the transfer institution.**