

TRANSFER GUIDE

Baker University College of Arts and Sciences

EXERCISE SCIENCE

At Baker University, the exercise science major is offered within the Department of Applied Health Sciences. Other program options within the department include public health, 3+3 program in chiropractic science, and lifestyle medicine-nutrition.

The program supports students interested in a variety of allied health care fields such as physical or occupational therapy, chiropractic medicine, athletic training, exercise physiology, strength and conditioning, cardiac rehabilitation, dietetics & nutrition, and physician's assistant.

The coursework below is recommended prior to transfer to Baker University in order to satisfy general education (Core) requirements and to best prepare students for the exercise science major. All transfer courses must earn a grade of C- or higher in order to be accepted for transfer credit and to count towards graduation requirements.

General Education Course Recommendations

- English Composition I and II, 6 credits
- Public Speaking, 3 credits
- Statistics I, 3 credits (*highly recommended*)
- 1 semester of foreign language, 3-4 credits: any global language or sign language course (*highly recommended*)
- Creative arts, 6 credits: music, theatre, creative writing, or art
- Humanities, 6 credits: literature, philosophy, religious studies, foreign language, etc.
- Social sciences, 3 credits: history, political science, sociology, psychology, communications, etc.

Health and Science Course Recommendations

Students are strongly encouraged to take 2 semesters of anatomy and physiology before transferring to Baker University. 2 semesters of human anatomy and physiology are prerequisites for our upper-level exercise science courses. Having these credits prior to transfer will greatly increase the chances of students graduating on time.

These courses are part of the core requirements for graduation with the exercise science major.

Required Courses for Exercise Science Major at Baker University	Eligible Transfer Courses
EX 181 Intro to Applied Health Sciences	Any introductory course to health, health science, exercise science, kinesiology, or related field
EX 245 Human Nutrition	Any 3-credit course in general or basic nutrition
CH 137 General Chemistry I with lab	Any general or college-level chemistry course with lab. Introductory-level courses or basic chemistry courses may not satisfy this requirement.

BI 151 Molecular & Cellular Biology with lab	Any 100- or 200-level biology course with lab, with focus on cell or molecular biology. General biology courses may satisfy this requirement within the Applied Health Sciences department.
BI 246 Human Anatomy & Physiology I with lab	Anatomy & Physiology I or Anatomy I, lab is required
BI 247 Human Anatomy & Physiology II with lab	Anatomy & Physiology II or Physiology I, lab is required
PY 111 General Psychology	Any course such as Intro to Psychology, General Psychology, Principles of Psychology, or similar

*For students who intend to apply for professional graduate schools in physical therapy, occupational therapy, physician's assistant, chiropractic medicine, or dietetics, below are additional course recommendations. These would supplement the core major requirements in the above chart, and would be required by health professions schools for admission, but would not be required for graduation from Baker.

Recommended Baker University Courses for Professional Tracks	Eligible Transfer Courses
1 additional semester of biology (pre-PT, pre-OT)	Any biology course with a life science or human biology focus.
CH 138 General Chemistry II (pre-PT, chiropractic, dietetics, and pre-PA)	Any general or college-level chemistry course, with lab; usually the second in sequence to a General Chemistry I
CH 251 Organic Chemistry I (chiropractic, dietetics, and pre-PA)	Any Organic Chemistry I course with lab. Courses such as General Organic Chemistry or Principles of Organic Chemistry may not be accepted for this course.
SO 115 Principles of Sociology (pre-OT)	Any introductory course such as Intro to Sociology, General Sociology, Principles of Sociology, or similar
CO 115 Introduction to Communication Studies (pre-PT, pre-OT, any other therapy careers)	Public Speaking