

## **COURSES:**

### **EXERCISE SCIENCE MAJOR:**

13 courses, including:

- EXSC 1004 Introduction to Exercise Science
- EXSC 2004 Health Promotions
- EXSC 2094 Anatomy and Physiology I (or BIO 2014)
- EXSC 2104 Anatomy and Physiology II (or BIO 2104)
- EXSC 3014 Physiology of Exercise
- EXSC 3054 Biomechanics
- EXSC 3204 Nutrition and Energy Balance
- EXSC 4204 Internship
- EXSC 4444 Senior Seminar/Capstone

4 elective courses

### **EXERCISE SCIENCE MINOR**

7 courses, including:

- EXSC 1004 Introduction to Exercise Science
- EXSC 2094 Anatomy and Physiology I (or BIO 2014)
- EXSC 3014 Physiology of Exercise
- EXSC 3054 Biomechanics
- EXSC 3204 Nutrition and Energy Balance

2 elective courses

## **FACULTY**

**Kirk Abraham**, Program Director  
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**TRANSYLVANIA**  
UNIVERSITY

### **Office of Admissions**

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**EXERCISE SCIENCE**

## ABOUT THE MAJOR:

With a foundation in the liberal arts, Transylvania's exercise science program offers a dynamic curriculum that is focused on scientific approaches to human movement.

Faculty expertise in physiology, nutrition and biomechanics allows for the integration of science and health in covering a variety of topics about exercise and wellness. Students gain knowledge about the role of physical activity and health in their lives, and the exercise science major allows them the opportunity to apply concepts learned in class to practical experiences through off-campus internships. Additionally, students have the opportunity to complete summer research projects under the direction of a professor. The diversity of the exercise science major provides students with a broad range of post-graduate opportunities.

Exercise science majors at Transylvania benefit from the Clive M. Beck Athletic and Recreation Center, a 97,000-square-foot, state-of-the-art facility that accommodates varsity sports, intramurals, fitness activities and casual recreation. While the center was designed for all Transylvania students, it fills the curricular needs of the exercise science program, offering three classrooms, an exercise physiology lab, a dance studio with sprung floor and a training room with hydrotherapy facilities.

## WHERE OUR GRADUATES HAVE STUDIED:

George Washington University  
Johns Hopkins University  
Columbia University  
University of Tennessee  
Vanderbilt University  
Washington University in St. Louis  
University of Evansville  
University of New Mexico

## POSITIONS OUR GRADUATES HAVE HELD:

Physical therapist  
Occupational therapist  
Cardio rehab specialist  
College professor/coach  
Physician assistant

## INTERSHIPS STUDENTS HAVE COMPLETED:

Lexington Clinic  
University of Kentucky Health Care  
Baptist Health Care  
Fayette County Public Schools  
Physical therapy clinics  
Occupational therapy clinics

## COURSES OF SPECIAL INTEREST:

Anatomy and Physiology  
Nutrition and Energy Balance  
Physiology of Exercise  
Health Promotion  
Biomechanics  
Women's Health  
The Life of a Muscle



"Transylvania improved my quality of life. And now it is my goal and professional responsibility to give back to the community by improving the quality of life for my patients."

Haley Riney '07, physical therapist