

# DANCE SCIENCE, B.S.

## Overview

The dance science program will

- create avenues of research and expertise in the growing field of dance science;
- combine dance with exercise science and integrative health to elevate the art form of dance;
- promote scientific understanding of research of human movement, performance, and wellness; and
- provide preparation for graduates to be occupational therapists, physical therapists, dance/movement therapists, lifestyle/fitness coaches, choreographers, and movement researchers.

Dance Science fosters personal, intellectual, artistic, and spiritual growth. The program seeks to educate students in global approaches to human health and somatic well-being while providing a solid basis of scientific, technical, and creative skills. Students will develop skills in critical thinking and interpersonal relations, through the lens of physical wellness and kinesthetic knowledge. Dance Science practitioners enable others to anchor themselves through both anatomy and movement, creating a healthier and more embodied world.

## Learning Outcomes

Upon successful completion of the program of studies for Dance Science, the student will receive a B.S. in Dance Science and will have given evidence of the following outcomes and goals:

- Students will explore the connections between the elements of science and artistic expression to develop a deeper understanding of the physical body in connection with the art of dance.
- Students will be able to recall and apply foundational knowledge about dance, functional anatomy, physiology, psychology, and nutrition.
- Students will be able to collaborate in teams, think critically, and find creative solutions to problems.
- Students will be able to communicate effectively to help others follow better health and wellness practices.
- Students will be able to demonstrate ethical and professional behaviors in Dance Science related fields.

## Requirements

To earn this degree, students must successfully complete at least 120 credits, including General Education (<http://catalog.georgian.edu/undergraduate/academic-programs/bridge-general-education-program-requirements/>) requirements and the major requirements below.

## MAJOR SEQUENCE

Students will complete a placement evaluation during the first week of school, and will be placed in the appropriate technique level accordingly.

Code	Title	Credits
<b>Dance Core Courses:</b>		
DA100	Dance Essentials & Wellness	3.0
DA150	Dance Improvisation	2.0
DA201	History of Dance	3.0

DA250	Choreography I	3.0
DA280	Kinesiology & Experiential Anatomy	3.0
DA360	Laban Movement Analysis	3.0
DA400 or DA450	Capstone Project Choreography Project	3.0
DA471	Internship in Dance	1.0
Contemporary Movement Practice/Ballet (Any combination of technique courses)		16.0
DA131	Contemporary Movement Practice 1 (2.0 cr)	
DA231	Contemporary Movement Practice 2 (2.0 cr)	
DA331	Contemporary Movement Practice 3 (3.0 cr)	
DA431	Contemporary Movement Practice 4 (3.0 cr)	
DA121	Ballet I (2.0 cr)	
DA221	Ballet II (2.0 cr)	
DA321	Ballet III (3.0 cr)	
DA421	Ballet IV (3.0 cr)	

### Science Core Courses:

MA109	College Algebra <sup>1</sup>	3.0
BI111	Life: Human Biology <sup>2</sup>	4.0
or BI121	Cellular Organiz., Energetics & Function	
BI213	Human Anatomy & Physiology I	4.0
BI214	Human Anatomy & Physiology II	4.0
Select one of the following:		4.0-8.0
CH151	Chemistry for the Health Sciences <sup>2</sup>	
CH113 & CH114	General Chemistry I and General Chemistry II	
PS111	Introduction to Psychology	3.0
or PS113	Foundations of Psychology	
ES111	Found Ex Science & Wellness	3.0
ES220	Introduction to Nutrition	3.0
ES251	Biomechanics	3.0
ES310	Sport & Exercise Psychology	3.0
ES330	Exercise Physiology	4.0

**Total Credits** **75.0-79.0**

<sup>1</sup> May be replaced by evidence of proficiency in College Algebra

<sup>2</sup> Students in the PT track should choose BI121, and CH113 and CH114

There are three optional tracks in the Dance Science program: Physical Therapy, Occupational Therapy, and Dance Therapy, with additional course requirements as shown:

### Physical Therapy Track:

Code	Title	Credits
Select one of the following:		
BI204	Genetics & Evolution	4.0
BI219	Microbiology	
BI407	Neurobiology	
CH113	General Chemistry I	4.0
CH114	General Chemistry II	4.0
MA103	Introduction to Statistical Thinking	3.0
MA110	Precalculus	3.0
MA103	Introduction to Statistical Thinking	3.0

MA110	Precalculus	3.0
PH115	College Physics I	4.0
PH116	College Physics II	4.0
PS223	Psychopathology	3.0
SO101	Principles of Sociology	3.0
<b>Total Credits</b>		<b>38.0</b>

### Occupational Therapy Track:

Code	Title	Credits
MA103	Introduction to Statistical Thinking	3.0
PS223	Psychopathology	3.0
PS227	Lifespan Development	3.0
SO101	Principles of Sociology	3.0
<b>Total Credits</b>		<b>12.0</b>

### Dance Therapy Track:

Code	Title	Credits
DA310	Dance/Movement Therapy: Fundamentals	3.0
DA410	Dance Move Therapy: Working w/Groups	3.0
PS221	Child & Adolescent Development	3.0
PS223	Psychopathology	3.0
PS270	Theories of Personality	3.0
<b>Total Credits</b>		<b>15.0</b>

## Degree Map(s)

Course	Title	Credits
<b>First Year</b>		
<b>Fall Semester</b>		
GEN101	Pathway to the Bridge <sup>1</sup>	2.0
EN111 or EN221	Academic Writing and Research I <sup>1</sup> or Honors Argument: Rhetoric & Research	3.0
MA109	College Algebra <sup>1,2</sup>	3.0
BI111 or BI121	Life: Human Biology <sup>1,2,3</sup> or Cellular Organiz., Energetics & Function	4.0
DA100	Dance Essentials & Wellness <sup>2</sup>	3.0
DA131	Contemporary Movement Practice <sup>1 2</sup>	2.0
	<b>Credits</b>	<b>17.0</b>
<b>Spring Semester</b>		
GEN199	WI:Discovering Self in the Universe <sup>1</sup>	3.0
ES111	Found Ex Science & Wellness <sup>2</sup>	3.0
BI213	Human Anatomy & Physiology I <sup>2</sup>	4.0
DA201	History of Dance <sup>1,2</sup>	3.0
DA121	Ballet I <sup>2</sup>	2.0
	<b>Credits</b>	<b>15.0</b>
<b>Second Year</b>		
<b>Fall Semester</b>		
Literature <sup>1</sup>		3.0
ES220	Introduction to Nutrition <sup>2</sup>	3.0
BI214	Human Anatomy & Physiology II <sup>2</sup>	4.0
CH113 or CH151	General Chemistry I <sup>2,3</sup> or Chemistry for the Health Sciences	4.0

DA250	Choreography I <sup>2</sup>	3.0
	<b>Credits</b>	<b>17.0</b>

### Spring Semester

PL245 or Religious Studies <sup>1</sup>		3.0
PS111	Introduction to Psychology <sup>1,2</sup> or PS113 or Foundations of Psychology	3.0
Select one of the following: <sup>3</sup>		3.0-4.0
CH114	General Chemistry II <sup>2</sup>	
Elective		
ES251	Biomechanics <sup>2</sup>	3.0
DA150	Dance Improvisation <sup>2</sup>	2.0
	<b>Credits</b>	<b>14.0-15.0</b>

### Third Year

#### Fall Semester

PL245 or Religious Studies <sup>1</sup>		3.0
Modern Language <sup>1</sup>		3.0
ES330	Exercise Physiology <sup>2</sup>	4.0
DA231	Contemporary Movement Practice <sup>2 2</sup>	2.0
BI203	Experimental Design & Statistics <sup>1,2</sup>	3.0
	<b>Credits</b>	<b>15.0</b>

#### Spring Semester

Select one of the following: <sup>1</sup>		3.0
Ethics		
WS311	Shaping Lives: Women & Gender	
GEN400	WI:Visioning a Future	
History or Social Science <sup>4</sup>		3.0
ES310	Sport & Exercise Psychology <sup>2</sup>	3.0
DA221	Ballet II <sup>2</sup>	2.0
DA360	Laban Movement Analysis <sup>2</sup>	3.0
	<b>Credits</b>	<b>14.0</b>

### Fourth Year

#### Fall Semester

Select one of the following: <sup>1</sup>		3.0
Ethics		
WS311	Shaping Lives: Women & Gender	
GEN400	WI:Visioning a Future	
History or Social Science <sup>4</sup>		3.0
DA331	Contemporary Movement Practice <sup>3 2</sup>	3.0
DA280	Kinesiology & Experiential Anatomy <sup>2</sup>	3.0
DA400 or DA450	Capstone Project <sup>2</sup> or Choreography Project	3.0
	<b>Credits</b>	<b>15.0</b>

#### Spring Semester

Select one of the following: <sup>1</sup>		3.0
Ethics		
WS311	Shaping Lives: Women & Gender	
GEN400	WI:Visioning a Future	
DA431	Contemporary Movement Practice <sup>4 2</sup>	3.0
DA471	Internship in Dance <sup>2</sup>	1.0
Elective		3.0

Elective	3.0
<b>Credits</b>	<b>13.0</b>
<b>Total Credits</b>	<b>120.0-121.0</b>

<sup>1</sup> General Education

<sup>2</sup> Major

<sup>3</sup> Students in PT Track should choose BI121 Cellular Organiz., Energetics & Function, and CH113 General Chemistry I and CH114 General Chemistry II

<sup>4</sup> For their Social Science course, students in PT Track or OT Track should choose SO101 Principles of Sociology