

## Lorain County Community College – Ohio University Plan

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### Bachelor of Science in Biological Sciences – Pre-Physical Therapy Program Pathway

Biological Sciences – Pre-Physical Therapy is a program designed to meet the prerequisites for the Physical Therapy program at Ohio University and most other institutions, as well as nursing, physician assistant, and chiropractic programs. The major is also designed to provide student with a solid background in the life sciences. It should be noted that there are no uniform requirements for physical therapy schools & students should take care to consult the academic requirements for specific schools of interest.

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### Admission Requirements

- Minimum accumulative 2.5 GPA from all prior college-level coursework.
- A grade of “C” or better in the equivalent courses to both BIOS 1700 and BIOS 1705 **or** minimum Math ACT subscore of 20 or equivalent Math SAT subscore (490 on tests taken prior to March 2016 or 520 on tests taken March 2016 or later) **or** a minimum Ohio University math placement score of PL1
- Official transcripts sent directly to Ohio University from all colleges and universities you have attended.
- If you have completed fewer than 20 semester hours or 30 quarter hours of university or college coursework, you must also submit your high school transcript for evaluation.

### Application Information

[Apply online](#) (\$50 non-refundable application fee due at application)

### Submit all college-level transcripts to:

Undergraduate Admissions  
Ohio University  
Chubb Hall 120  
1 Ohio University Drive  
Athens, OH 45701

### Ohio University Contact Information

#### Undergraduate Admissions

740.593.4100

#### E-mail general questions to

[transfer@ohio.edu](mailto:transfer@ohio.edu)

For more information on the partnership with Lorain County Community College, visit [www.ohio.edu/lccc](http://www.ohio.edu/lccc)

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**OHIO**  
UNIVERSITY

Undergraduate Admissions  
Chubb Hall 120  
1 Ohio University Drive  
Athens OH 45701-2979

T: 740.593.4100  
[www.ohio.edu](http://www.ohio.edu)

## Degree Requirements

To qualify for the Bachelor of Science in Biological Sciences degree, a student must have completed all Ohio University graduation requirements: general education, College, major, and residency. Students must complete a minimum of 30 semester credit hours of Ohio University credit, complete a minimum of 50% of the major course requirements at Ohio University, complete a minimum of 60 semester hours equivalent to Ohio University 2000-level or above Arts & Sciences coursework, and complete a minimum of 120 total semester hours for graduation with a 2.0 GPA (elective hours may be required).

## Ohio University BRICKS General Education Requirements

BRICKS is Ohio University's general education program, and requirements must be fulfilled by all baccalaureate degree students. BRICKS includes a minimum of 38 credit hours across five categories: Foundations, Pillars, Arches, Bridges, and Capstone. Courses used to satisfy BRICKS requirements may be completed through Lorain County Community College or OHIO Online. The table below lists Lorain County Community College courses that have direct course equivalencies at Ohio University which meet BRICKS requirements. General education courses that may also satisfy program requirements are inside brackets. HIST courses marked with an asterisk (\*) will automatically equate to fill Pillars Humanities Texts and Contexts, but may alternately equate to fill Pillars Social and Behavioral Sciences. Work with your academic advisor to make adjustments.

OHIO BRICKS Requirement	LCCC Course Numbers
<b>FOUNDATIONS</b> - Take one course from each listed category	
Written Communication	ENGL 161
Advanced Writing	BADM 211; ENGL 162, ENGL 163, ENGL 164
Quantitative Reasoning	MTHM 158, MTHM 163, MTHM 168, MTHM 171, MTHM 172, MTHM 174, MTHM 178, MTHM 182; PHLI 171; PSYH 271
Intercultural Explorations	CMMC 177G; SOCY 161G
<b>PILLARS</b> - Take one course from each listed category (minimum 3 credits each)	
Humanities: Texts and Contexts	ENGL 251, ENGL 252, ENGL 261G, ENGL 262G; HSTR 151G*, HSTR 152G*; HUMS 262G, HUMS 271G; PHLI 151G, PHLI 161, PHLI 271G
Humanities: Arts	ARTS 243G, ARTS 244G, ARTS 245G; HUMS 151G, HUMS 274; MUSC 261G
Natural Sciences	BIOG 121, BIOG 151, BIOG 152, [BIOG 161], BIOG 165, BIOG 221, BIOG 251, BIOG 275; CHMY 161, CHMY 162, [CHMY 171]; [PHYC 150], [PHYC 251]; PSSC 156
Social or Behavioral Sciences	ECNM 151, ECNM 152; GPHY 151G; HSTR 151G*, HSTR 152G*, HSTR 161, HSTR 162; PLSC 151G, PLSC 156, PLSC 157G; [PSYH 151]; SOCY 151G
<b>ARCHES</b> - Take one course from each listed category (minimum 3 credits each)	
Constructed World	MTHM 164, [MTHM 181]; PHLI 281G; RELG 181G
Natural World	ASTY 151, ASTY 152, BIOG 122, [BIOG 162], BIOG 222; [CHMY 172]; [PHYC 152], [PHYC 252]; PSSC 153
Connected World	ARCH 155G; CRMJ 110; ECED 111, ECED 253; [PSYH 251], PSYH 253, PSYH 254, PSYH 257, PSYH 261, PSYH 263; SOCY 155G, SOCY 161G, SOCY 255G, SOCY 256; URBS 155G
<b>BRIDGES</b> - Take one course from each listed category (minimum 1 credit each)	
Speaking and Listening	CMMC 151
Ethics and Reasoning	CMMC 151
Diversity and Practice	CMMC 151; PSYH 256; SOCY 276
Learning and Doing	SOWK 251G; TCMN 265; THTR 285, THTR 286
<b>CAPSTONE</b> - Minimum 2 credits	
Capstone	EDCT 275



**BRICKS and the Ohio Transfer 36**

Students who complete the minimum requirements of the Ohio Transfer 36 (OT36, formerly the Ohio Transfer Module) at another college or university prior to enrollment in a degree-seeking program at Ohio University will receive transfer credit equivalent to fulfilling Ohio University's BRICKS general education requirements in Foundations (excluding the Advanced Writing component, which requires completion of TME 002 Second Writing), Pillars, and Arches. If you have not completed the OT36, your courses will be evaluated on a course-by-course basis and will apply toward general education requirements as appropriate.

**College of Arts and Sciences Distribution Area Requirements**

**Courses completed through Lorain County Community College or OHIO.**

**Complete a minimum of 9 semester hours from each distribution area below for a minimum of 27 total hours.**

General education courses that may also satisfy program requirements are inside brackets [].

OHIO Course Name	OHIO Course Number	LCCC Course Number
Humanities Area	Work with Academic Advisor for appropriate course selection	ARTS 243G, ARTS 244G, ARTS 245G; ENGL 162, ENGL 163, ENGL 164, ENGL 251, ENGL 252, ENGL 261G, ENGL 262G, ENGL 267G; HSTR 151G, HSTR 152G; HUMS 151G, HUMS 271G; MUSC 261G, PHLI 151G, PHLI 161, PHLI 271G, PHLI 281G; RELG 181G, SPNH 272G, SPNH 299
Natural Sciences Area	Work with Academic Advisor for appropriate course selection	ASTY 151, ASTY 152; BIOG 121, BIOG 122, BIOG 151, BIOG 152, [BIOG 161], [BIOG 162], BIOG 165, BIOG 251, BIOG 275; CHMY 161, CHMY 162, [CHMY 171], [CHMY 172]; [CHMY 271], [CHMY272], GPHY 111; MTHM 178, [MTHM 181], MTHM 182, MTHM 280, MTHM 281, MTHM 283, [PHYC 150], [PHYC 152], [PHYC 251], [PHYC 252]; PSSC 153, PSSC 156, PSSC 157
Social Sciences Area	Work with Academic Advisor for appropriate course selection	ARCH 155G; BADM 165; CRMJ 110, CRMJ 111, CRMJ 231, ECNM 151, ECNM 152; GPHY 151G; HSTR 161, HSTR 162; PLSC 151G, PLSC 155, PLSC 156, PLSC 157G; [PSYH 151], [PSYH 251], PSYH 253, PSYH 254, PSYH 256, PSYH 257, PSYH 261, PSYH 263, PSYH 272, PSYH 273, PSYH 299 SOCY 151G, SOCY 155G, SOCY 161G, SOCY 255G, SOCY 256, SOCY 276G; SOWK 151, SOWK 251G, URBS 155G

**College of Arts and Sciences Foreign Language Requirement**

**Courses completed through Lorain County Community College or OHIO**

Complete through beginning level (1120) of a foreign language.

OHIO Course Name	OHIO Course Number	LCCC Course Number
Foreign Language	Work with Academic Advisor for appropriate course selection	ARAB 151G, ARAB 152G, CHNS 151G, CHNS 152G, FRNH 151G, FRNH 152G; GRMN 151G, GRMN 152G; SPNH 151G, SPNH 152G



## Pre-Physical Therapy Major Courses

### Biological Sciences Core Requirements

**Courses completed through Lorain County Community College or OHIO.**

Complete a total of 37 semester hours of BIOS coursework, including all the requirements below (2.0 GPA required).

\*Completion of BIOS 1700 and BIOS 1705 with a C or better may be required prior to admission to the Prephysical Therapy Major.

OHIO Course Name	OHIO Course Number	LCCC Course Number
Biological Sciences I: Molecules and Cells and Biological Sciences I Laboratory	[BIOS 1700]* and [BIOS 1705]*	[BIOG 161]
Biological Sciences II: Ecology, Evolution, Animal Body Systems and Biological Sciences II Laboratory	[BIOS 1710] and BIOS 1715	[BIOG 162]
Human Anatomy and Human Anatomy Lab	BIOS 3010 and BIOS 3015	
General Genetics	BIOS 3100	
Fundamentals of Animal Cell Biology	BIOS 3200	
Principles of Evolution	BIOS 3300	
Human Physiology and Human Physiology Lab	BIOS 3450 and BIOS 3455	
Neuroscience and Human Neuroscience Lab	BIOS 4130 and BIOS 4135	
Physiology of Exercise and Physiology of Exercise Lab	BIOS 4450 and BIOS 4460	
Biological Chemistry <b>or</b> Biochemistry I and II (2 course sequence)	BIOS 4630 <b>or</b> CHEM 4901 and CHEM 4902	

### Extracurricular Requirements

**Courses completed through Lorain County Community College or OHIO.**

Complete the following courses or course sequences.

OHIO Course Name	OHIO Course Number	LCCC Course Number
General Psychology	[PSY 1010]	[PSYH 151]
Child and Adolescent Psychology	[PSY 2410]	[PSYH 251]
Intro to Physical Therapy	PT 2590	
Fundamentals of Chemistry Sequence.	[CHEM 1510] and [CHEM 1520]	[CHMY 171] and [CHMY 172]
Organic Chemistry Requirement. Choose from: Organic Chemistry <b>or</b> Organic Chemistry I and Organic Chemistry II	CHEM 3010 <b>or</b> CHEM 3050 and 3060	[CHMY 271] and [CHMY 272]
Calculus I	[MATH 2301]	[MTHM 181]
Physics Requirement. Choose from: Introduction to Physics Sequence <b>or</b> General Physics Sequence	[PHYS 2001] and [PHYS 2002] <b>or</b> [PHYS 2051] and [PHYS 2052]	[PHYC 150] and [PHYC 152] <b>or</b> [PHYC 251] and [PHYC 252]
Statistics Requirement. Complete one course. Statistics and Probability <b>or</b> Statistics for the Behavioral Sciences	[MATH 2500] <b>or</b> [PSY 2110]	

### Disclaimer:

The information on this guide is based on the catalog requirements posted in the 2023-2024 Ohio University catalog and related Lorain County Community College equivalents as of the Last Updated date. All information is subject to change without notice. Students must complete a minimum of 120 total semester hours and are responsible for tracking their degree completion on their DARS and are encouraged to work with an Ohio University academic advisor in their degree planning. Courses are subject to availability at each institution. It is suggested that students meet with an advisor to discuss course selection based on offered options.

**Last updated:** 8/16/2023

