

# DUAL ENROLLMENT

WEST PERRY HIGH SCHOOL

Dual enrollment is academic programming that enables West Perry High School sophomores, juniors and seniors to take college courses that satisfy high school graduation and college credit requirements.

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**Apply at: <https://dualenrollment.HarrisburgU.edu/>**

The Harrisburg University of Science and Technology is accredited by the Middle States Commission on Higher Education, 3624 Market Street, Philadelphia, PA 19104. (267-284-5000) The Middle States Commission on Higher Education is an institutional accrediting agency recognized by the U.S. Secretary of Education and the Council for Higher Education Accreditation.



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## RESEARCH ABOUT DUAL ENROLLMENT PROGRAMS

Dual enrollment programs were found to have positive effects on students in the following domains:

- **Degree Attainment** (college) | Dual-enrolled students are more likely to complete a college degree
- **College Access and Enrollment** | Dual-enrolled are students more likely to enroll in a postsecondary institution
- **Credit Accumulation** | Dual-enrolled are students more likely to return to college for their second year
- **Completing High School** | Dual-enrolled are students more likely to graduate from high school on time
- **Academic Achievement (High School)** | Dual-enrolled are students more likely to pass end of courses exams

*All of the above factors lead educators to conclude that dual-enrolled students are more likely to be successful college students.*

**NOTE** | U.S. Department of Education, Institute of Education Sciences, What Works Clearinghouse. (2017, February). Transition to College intervention report: Dual Enrollment Programs. Retrieved from <http://whatworks.ed.gov>



# DUAL ENROLLMENT FOR HIGH SCHOOL STUDENTS

## WHO IS ELIGIBLE TO TAKE DUAL ENROLLMENT COURSES?

At Harrisburg University, high school sophomores, juniors and seniors are eligible to apply for dual enrollment. We welcome dual-enrolled students from public, private, charter, home and cyber schools.

## WHERE ARE DUAL ENROLLMENT CLASSES HELD?

Harrisburg University offers several options for dual enrollment courses:

- Traditional classroom courses at Harrisburg University campus, located in downtown Harrisburg, Pa. during the academic year
- Online courses (limited number)
- Courses offered at select high schools during the academic year

## WHAT ARE THE ADVANTAGES OF DUAL ENROLLMENT?

By earning dual enrollment credit, you won't just be preparing for college, you'll be getting a head start on your academic and career goals.

Earning college credit in high school allows the opportunity to create a more flexible schedule as a college student. This will more time for other academic and extracurricular activities.

Dual enrollment allows families to save on future college costs by earning college credits at a discounted per-credit rate.

Dual enrollment courses allow you to experience college life and gain valuable insight of your interests when choosing a major for college.

## WHAT IS COLLEGE IN THE HIGH SCHOOL?

The first step is Harrisburg University (HU) interviews and vets a teacher at West Perry High School (WPHS) as a Corporate (adjunct) Faculty with the University. The second step is conducting a curriculum review of the courses at WPHS to see if the content aligns with any courses at HU. Some adjustments to course material is required, however once completed, the courses at WPHS can count towards credit for courses at HU. Students at WPHS can apply for dual enrollment status while in the course they are enrolled in at the High School.

**For example: A student in the AP Computer Science course at WPHS completes a dual enrollment application with HU. At the end of the school year, if the student has received a C+ or better, they will receive college credit for CISC 120 Fundamentals of Computing for a total of 4 credits.**

## WHO IS ELIGIBLE TO TAKE DUAL ENROLLMENT COURSES AT WPHS?

For the courses articulated with WPHS, any student enrolled in the courses outlined in this brochure are eligible to apply for dual enrollment credit.

## HOW MUCH DOES DUAL ENROLLMENT COST?

For the courses offered at WPHS, by WPHS instructors, the cost is \$100 per credit. For courses taught online, at Harrisburg University, or in any way instructed by HU faculty, the cost is \$200 per credit.

## WHERE ARE DUAL ENROLLMENT CLASSES HELD?

- The courses outlined in this brochure will take place at WPHS, unless otherwise outlined in the program requirement.
- Traditional classroom courses located in downtown Harrisburg, Pa. during the academic year
- Online courses (limited number)

## WHAT IS THE DEADLINE TO APPLY FOR THE DUAL ENROLLMENT CREDITS?

The deadline will be established by the HU Director of Secondary School Services and communicated to WPHS administrators and counselors, as well as, all students and parents.

## WHERE DO I APPLY?

All applications must be completed online by using the following link and clicking Apply Now.  
<https://dualenrollment.HarrisburgU.edu/>

You will receive notification once your application is received, and additional information regarding the courses you register for will follow soon thereafter. Any questions regarding registration can be directed to Caitlin Wilkinson, Dual Enrollment and Special Programs Coordinator, at [CWilkinson@HarrisburgU.edu](mailto:CWilkinson@HarrisburgU.edu)

*Parents may use funds from their established PA 529 College Savings Program accounts to pay for dual enrollment while their child is in high school.*



## HARRISBURG UNIVERSITY | JUST THE FACTS

- 4-year, private comprehensive university
- **100%** of students complete internships and applied research – Get real-world experience
- **#1** private university in the nation for awarding scholarships!
- Small classes mean you get to know your professors well
- State-of-the-art, high-tech campus – great prep for the real-world work environment
- Affordable tuition – we keep costs down
- **92%** of graduates surveyed said they were employed in their chosen career field or in graduate school within 6 months of graduation – an HU degree leads to career success
- Diverse student body – **60%** minority; **44%** female

\* Figures accurate as of 2019



## WHY ENROLL AT HU?

When you have the right education and experience, great opportunities open up for you. With a bachelor's degree from HU you'll be ready to become a:

- Cyber security expert
- Pharmaceutical researcher
- Forensic examiner
- Game designer
- Biotechnologist
- Geospatial technologist
- Business analyst
- Chemist
- Or any of a thousand high-tech, high-potential positions available to our graduates.

### IS HARRISBURG UNIVERSITY COURSE CREDIT TRANSFERABLE TO OTHER COLLEGES?

**Yes**, Harrisburg University is an accredited university, so its courses transfer to other institutions. Depending on the college and the course of study, a Harrisburg University course may transfer as a general education course, a major requirement or a free elective. If a student earns a C or higher, the course should transfer.

### DOES BEING A DUAL-ENROLLED STUDENT AT HARRISBURG UNIVERSITY GUARANTEE ME ADMISSION TO THE UNIVERSITY?

**Yes**, if you have successfully passed and received credit for a dual enrollment course from the university and with verification of your high school graduation you are admitted to Harrisburg University.

### Choose from these Hot Science and Technology Majors

#### HARRISBURG UNIVERSITY | HARRISBURG

##### B.S. ADVANCED MANUFACTURING

##### B.S. ANALYTICS

##### B.S. BIOTECHNOLOGY

Food Safety and Quality Assurance  
General Biotechnology  
Medical Biotechnology  
Nanobiotechnology  
Nanobiotechnology and Nanofabrication  
Pharmaceutical Design

##### B.S. COMPUTER & INFORMATION SCIENCES

##### B.S. ENVIRONMENTAL SCIENCE AND SUSTAINABILITY

##### B.S. GEOSPATIAL TECHNOLOGY

##### B.S. INFORMATION SYSTEMS AND INFORMATION TECHNOLOGIES

##### B.S. INTEGRATIVE SCIENCES

Biology  
Biological Chemistry  
Chemistry  
Forensics

##### B.S. INTERACTIVE MEDIA

Advanced Media Production  
Interaction & Experience Design  
Purposeful Game Design

##### B.S. MANAGEMENT, ENTREPRENEURSHIP & BUSINESS ADMINISTRATION

Business Analytics  
Digital Health  
Digital Marketing  
Entrepreneurship

##### INTERESTED IN A MEDICAL CAREER?

Harrisburg University offers programs that set you up for success in medical, veterinary or pharmacy school.

#### HARRISBURG UNIVERSITY | PHILADELPHIA

##### B.S. COMPUTER AND INFORMATION SCIENCES

##### B.S. INFORMATION SYSTEMS AND INFORMATION TECHNOLOGIES

##### B.S. INTERACTIVE MEDIA

Advanced Media Production

##### B.S. MANAGEMENT, ENTREPRENEURSHIP, AND BUSINESS ADMINISTRATION

Individualized (available in Philadelphia only)

Academic programs subject to change. 3

# WPHS/HU PROGRAM OF STUDY

## COMPUTER & INFORMATION SCIENCES

### CISC 120 Fundamentals of Computing

Course at Harrisburg University  
4 Semester Hours  
Prerequisites: MATH 120 (or taken concurrently) or MATH 280

Instructor at West Perry High School: Jared Weibley  
Course at West Perry High School: AP Computer Science

This course introduces the concepts and techniques of computer programming. Emphasis is placed on developing the student's ability to apply problem-solving strategies to design algorithms and to implement these algorithms in a modern, structured programming language. Topics include fundamental programming constructs, problem solving techniques, simple data structures, Object-Oriented Programming (OOP), program structure, data types and declarations, control statements, algorithm strategies and algorithm development.

### CISC 160 Data Structures

Course at Harrisburg University  
3 Semester Hours  
Prerequisites: CISC 120

Instructor at West Perry High School: Jared Weibley  
Course at West Perry High School: AP Computer Science

This lecture and laboratory course further develops the concepts and techniques of computer programming. Emphasis is placed on structured programming, top-down design, more advanced data structures, and the proper use of the programming language and development tools. Topics include abstract data types (ADTs), sets, records, recursion, problem solving and algorithms, fundamental computing algorithms, searching, introductory sorting, hash tables, basic algorithm analysis, Object-Oriented Programming (OOP), files, linked lists, queues, stacks, and binary trees.

## MATH

### MATH 210 Discrete Mathematics I

Course at Harrisburg University  
3 Semester Hours  
Prerequisites: MATH 120 or MATH 220

Instructor at West Perry High School: Jared Weibley  
Course at West Perry High School: Math 210 Discrete Mathematics

This course provides the computer science student with an understanding of multiple mathematical concepts and methods, which shape the foundation of modern information science in a form that is relevant and useful. Discrete mathematics plays a fundamental role for computer science, which is similar to that played by calculus for physics and engineering. Many concepts in computer science are best understood from a perspective that requires expertise with mathematical tools and certain reasoning skills associated with mathematical maturity. The topics covered draw on current material from several mathematical disciplines: graph theory, mathematical logic, and set theory.

**WEST PERRY**



**MUSTANGS**

