



# DUAL ENROLLMENT

WEST SHORE SCHOOL DISTRICT  
CEDAR CLIFF HIGH SCHOOL

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

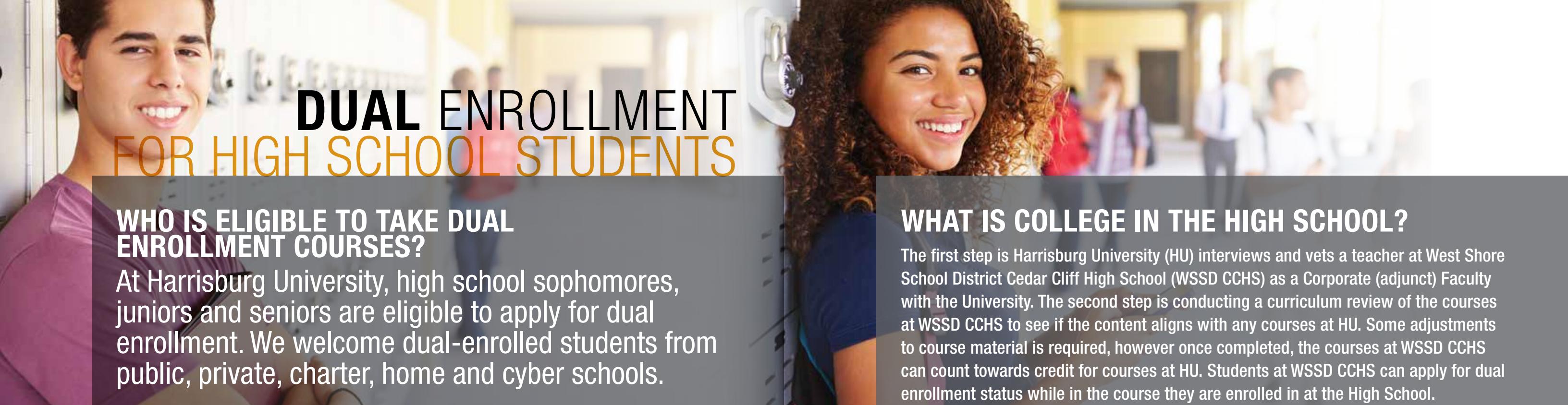
## RESEARCH ABOUT DUAL ENROLLMENT PROGRAMS

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 allow more time for other academic or extracurricular interests.

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

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 Shore School District Cedar Cliff High School (WSSD CCHS) as a Corporate (adjunct) Faculty with the University. The second step is conducting a curriculum review of the courses at WSSD CCHS to see if the content aligns with any courses at HU. Some adjustments to course material is required, however once completed, the courses at WSSD CCHS can count towards credit for courses at HU. Students at WSSD CCHS 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 WSSD CCHS 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 WSSD CCHS?

For the courses articulated with WSSD CCHS, 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 WSSD CCHS, by WSSD CCHS 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 WSSD CCHS, 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 WSSD CCHS administrators and counselors, as well as, all students and parents.

## WHERE DO I APPLY?

All applications must be completed online 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.*



## WHAT ARE THE ADVANTAGES OF DUAL ENROLLMENT?

By earning dual enrollment credit, you wont 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 allow 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.

## 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.

## HARRISBURG UNIVERSITY | JUST THE FACTS

- 4-year, private comprehensive university
- **100%** of HU graduates 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
- **94%** 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 2020

## Choose from these Hot Science and Technology Majors

### HARRISBURG UNIVERSITY | HARRISBURG

<b>B.S. ADVANCED MANUFACTURING</b>	<b>B.S. INFORMATION SYSTEMS AND INFORMATION TECHNOLOGIES</b>
<b>B.S. APPLIED MATHEMATICS</b>	<b>B.S. INTEGRATIVE SCIENCES</b>
Data Analytics	Biology
Natural Sciences	Biological Chemistry
<b>B.S. BIOTECHNOLOGY</b>	Chemistry
Food Safety and Quality Assurance	Forensics
General Biotechnology	
Medical Biotechnology	
Nanobiotechnology	
Nanobiotechnology and Nanofabrication	
Pharmaceutical Design	
<b>B.S. COMPUTER AND INFORMATION SCIENCES</b>	<b>B.S. MANAGEMENT, ENTREPRENEURSHIP, AND BUSINESS ADMINISTRATION</b>
<b>B.S. ENVIRONMENTAL SCIENCE AND SUSTAINABILITY</b>	<b>B.S. INFORMATION SYSTEMS AND INFORMATION TECHNOLOGIES</b>
<b>B.S. ESPORTS MANAGEMENT, PRODUCTION, AND PERFORMANCE</b>	<b>B.S. INTERACTIVE MEDIA</b>
<b>B.S. GEOSPATIAL TECHNOLOGY</b>	<b>B.S. COMPUTER AND INFORMATION SCIENCES</b>
	<b>B.S. ESPORTS MANAGEMENT, PRODUCTION, AND PERFORMANCE</b>
	<b>B.S. INFORMATION SYSTEMS AND INFORMATION TECHNOLOGIES</b>
	<b>B.S. INTERACTIVE MEDIA</b>
	Advanced Media Production
	Purposeful Game Design
	User Experience Design
	<b>B.S. MANAGEMENT, ENTREPRENEURSHIP, AND BUSINESS ADMINISTRATION</b>
	Business Analytics
	Digital Health
	Digital Marketing
	Entrepreneurship
	Individualized

**INTERESTED IN A MEDICAL CAREER?**  
Harrisburg University offers programs in Integrative Sciences and Biotechnology to meet the exact requirements of your chosen health professional school.

### HARRISBURG UNIVERSITY | PHILADELPHIA

<b>B.S. COMPUTER AND INFORMATION SCIENCES</b>	<b>B.S. MANAGEMENT, ENTREPRENEURSHIP, AND BUSINESS ADMINISTRATION</b>
<b>B.S. ESPORTS MANAGEMENT, PRODUCTION, AND PERFORMANCE</b>	<b>B.S. INFORMATION SYSTEMS AND INFORMATION TECHNOLOGIES</b>
<b>B.S. INTERACTIVE MEDIA</b>	<b>B.S. COMPUTER AND INFORMATION SCIENCES</b>
Advanced Media Production	<b>B.S. ESPORTS MANAGEMENT, PRODUCTION, AND PERFORMANCE</b>
Purposeful Game Design	<b>B.S. INFORMATION SYSTEMS AND INFORMATION TECHNOLOGIES</b>
User Experience Design	<b>B.S. INTERACTIVE MEDIA</b>
	Advanced Media Production
	Purposeful Game Design
	<b>B.S. MANAGEMENT, ENTREPRENEURSHIP, AND BUSINESS ADMINISTRATION</b>

*Academic programs, admission and matriculation requirements, and student eligibilities are subject to change.*

# WSSD CCHS/HU PROGRAM OF STUDY

## CHEMISTRY

### CHEM 151 General Chemistry I Lecture

3 Semester Hours

Prerequisites: MATH 120 or MATH 220

Corequisites: CHEM 152

Instructor at WSSD CCHS: Holly Sellers

WSSD CCHS Course: AP Chemistry

This course provides a general introduction to atoms and molecules, stoichiometry, states of matter, solutions, reactions, kinetics and equilibrium which serve as a prerequisite for advanced courses.

### CHEM 152 General Chemistry I Laboratory

1 Semester Hour

Prerequisites: MATH 120 or MATH 220

Corequisites: CHEM 151

Instructor at WSSD CCHS: Holly Sellers

WSSD CCHS Course: AP Chemistry

Companion laboratory component that illustrates the general introduction to atoms and molecules, stoichiometry, states of matter, solutions, reactions, kinetics and equilibrium which serve as a prerequisite for advanced courses.

### CHEM 161 General Chemistry II

3 Semester Hours

Prerequisites: C or higher in CHEM 151-152 or  
permission of instructor

Corequisites: CHEM 162

Instructor at WSSD CCHS: Holly Sellers

WSSD CCHS Course: AP Chemistry

A study of chemical principles including acid/base chemistry, bonding, thermodynamics and electrochemistry.

### CHEM 162 General Chemistry II Laboratory

1 Semester Hour

Prerequisites: C or higher in CHEM 151-152  
or permission of instructor

Corequisites: CHEM 161

Instructor at WSSD CCHS: Holly Sellers

WSSD CCHS Course: AP Chemistry

Companion laboratory component that illustrates the study of chemical principles including acid/base chemistry, bonding, thermodynamics and electrochemistry.



**West Shore  
SCHOOL DISTRICT**  
#WestShoreProud

## ENGLISH

### COMM 110 Speech

Course at Harrisburg University

3 Semester Hours

Instructor at WSSD CCHS: Melissa Bolen

WSSD CCHS Course: Composition and Communication

This course builds on the skills acquired in ENGL 105 or ENGL 106. The student continues to study the process of effective communication, based on an understanding of purpose and audience using speaking techniques such as enunciation and modulation. The student builds an understanding of the basic skills needed to communicate across disciplines.

## PHYSICS

### PHYS 210 General Physics

Course at Harrisburg University

4 Semester Hours

Instructor at WSSD CCHS: Amy Dando

WSSD CCHS Course: AP Physics

This course provides an introductory treatment of classical Newtonian physics and covers kinematics in one and two dimensions, vector forces, Newton's laws of motion, uniform circular motion, work, conservation of energy, momentum and angular momentum, rotational kinematics and dynamics, and simple harmonic motion. Emphasis is placed on the application of basic concepts through mathematical problem-solving. Applications of physics to problems in medicine are presented and medical technology is highlighted throughout the course. Applications of elementary and differential and integral calculus to physics are introduced. Laboratory experiments provide experience with various measurement technologies and reinforce the theoretical concepts developed.



**For more information contact:**

**Ryan Korn**

Director of Secondary School Services, Programs and Partnerships

RKorn@HarrisburgU.edu | 717.901.1641

**John W. Friend MS. Ed. ABD**

Associate Vice President for UG Admissions & Secondary Programs

JFriend@HarrisburgU.edu | 717.901.5119

**Aaron E. Spina**

Associate Director of Admissions

ASpina@HarrisburgU.edu | 717.901.5100 Ext. 0128

**Records and Registration**

Dual Enrollment and Special Programs Coordinator

<https://reghelp.HarrisburgU.edu> | 717.901.5136

**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.



[www.Facebook.com/HarrisburgU](http://www.Facebook.com/HarrisburgU)



[www.Twitter.com/HarrisburgU](http://www.Twitter.com/HarrisburgU)