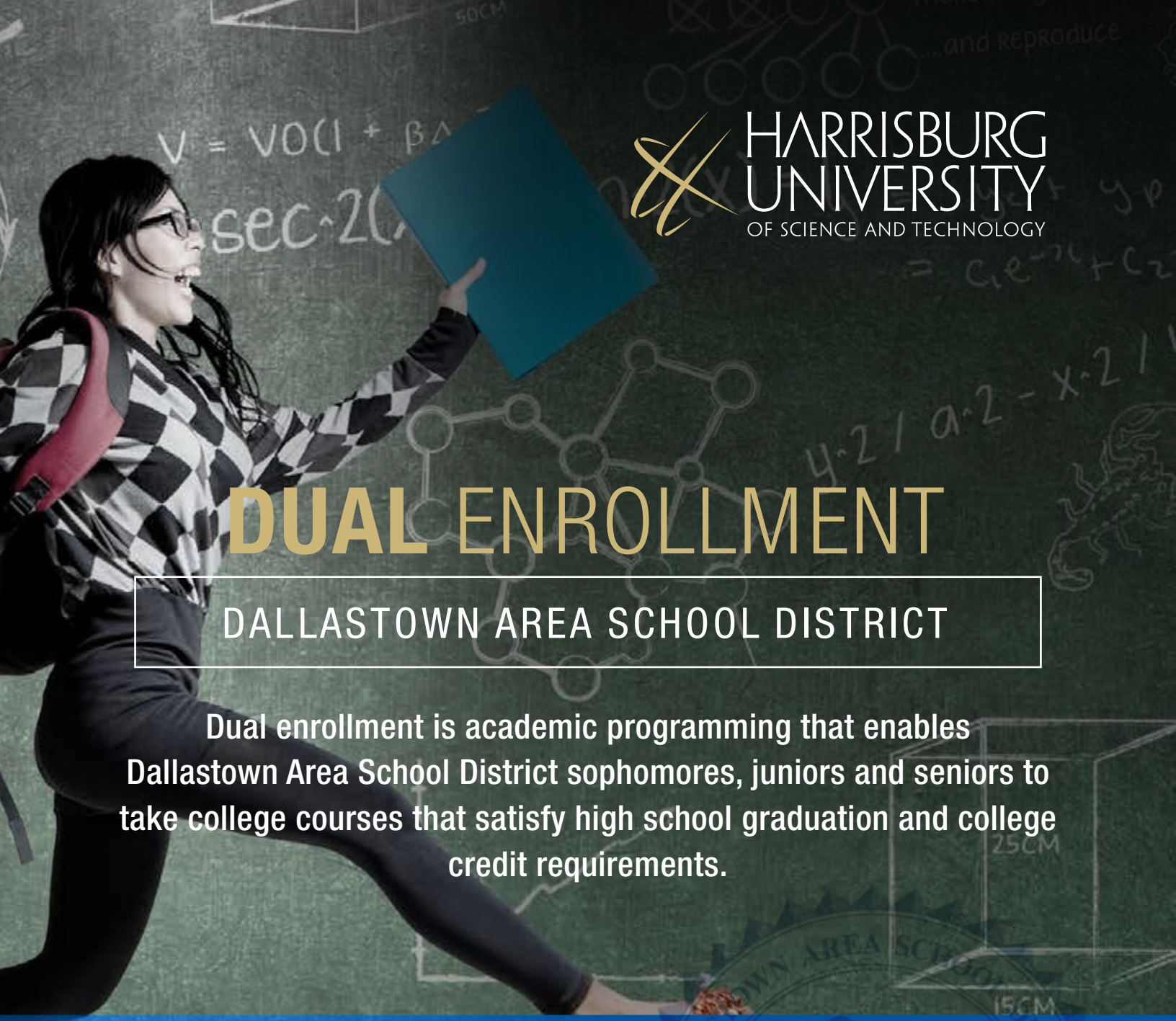

HARRISBURG UNIVERSITY
OF SCIENCE AND TECHNOLOGY

DUAL ENROLLMENT

DALLASTOWN AREA SCHOOL DISTRICT

Dual enrollment is academic programming that enables Dallastown Area School District 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 Dallastown Area School District (DASD) as a Corporate (adjunct) Faculty with the University. The second step is conducting a curriculum review of the courses at DASD to see if the content aligns with any courses at HU. Some adjustments to course material is required, however once completed, the courses at DASD can count towards credit for courses at HU. Students at DASD 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 Biology course at DASD 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 BIOL 102-03 Intro to Biology and Biology Lab for a total of 4 credits.

WHO IS ELIGIBLE TO TAKE DUAL ENROLLMENT COURSES AT DASD?

For the courses articulated with DASD, 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 DASD, by DASD instructors, the cost is $100 per credit. For courses taught online, at Harrisburg University's campus, 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 DASD, unless otherwise outlined in the program requirement.
- Traditional classroom courses at Harrisburg University campus, 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 DASD 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

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.

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

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. APPLIED MATHEMATICS
- Data Analytics
- Natural Sciences

B.S. BIOTECHNOLOGY
- Food Safety and Quality Assurance
- General Biotechnology
- Medical Biotechnology
- Nanobiotechnology
- Nanobiotechnology and Nanofabrication
- Pharmaceutical Design

B.S. COMPUTER AND INFORMATION SCIENCES

B.S. ENVIRONMENTAL SCIENCE AND SUSTAINABILITY

B.S. ESPORTS MANAGEMENT, PRODUCTION, AND PERFORMANCE

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
- Purposeful Game Design
- User Experience Design

B.S. MANAGEMENT, ENTREPRENEURSHIP, AND BUSINESS ADMINISTRATION
- 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.S. COMPUTER AND INFORMATION SCIENCES

B.S. ESPORTS MANAGEMENT, PRODUCTION, AND PERFORMANCE

B.S. INFORMATION SYSTEMS AND INFORMATION TECHNOLOGIES

B.S. INTERACTIVE MEDIA
- Advanced Media Production
- Purposeful Game Design

B.S. MANAGEMENT, ENTREPRENEURSHIP, AND BUSINESS ADMINISTRATION

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

DASD/HU
PROGRAM OF STUDY

MATH

MATH 280 Introductory Statistics

Course at Harrisburg University
3 Semester Hours

Instructor at Dallastown Area School District: Randy Chilcoat
Dallastown Area School District Course: AP Statistics

This course covers elementary topics from the probability and statistics of both discrete and continuous random variables. Topics include independence and dependence, mean, variance and expectation, and distributions of random variables. Statistics is applied to hypothesis testing. This course provides the student with a broad, general knowledge and understanding of statistics. The emphasis of this course is on the utility and practical application of statistics rather than on the mathematical derivation of statistical principles.

MATH 220 Calculus I

Course at Harrisburg University
3 Semester Hours

Instructors at Dallastown Area School District: Kevin Stein & Connie Rose-Mulder
Dallastown Area School District Course: AP Calculus

This course introduces techniques to evaluate limits and covers continuity, special trigonometric limits, absolute value limits and differentiation of algebraic, trigonometric, and logarithmic functions. The course explores intermediate value theorem, mean value theorem, and extreme value theorem. Other topics for exploration are application and formal definition of derivative average rate of change versus instantaneous rate of change, velocity, and the introduction of the definite integral and its applications. A graphing calculator is required for this course.

ADMA 240 Computer Assisted Drawing

Course at Harrisburg University
3 Semester Hours

Instructor at Dallastown Area School District: Jay Rexroth
Dallastown Area School District Course: Honors CAD II

Computer Assisted Drawing is a basic course in computer-aided drawing which integrates with manufacturing and automation. Content stresses learning major CAD commands and using the graphic user interface. Conceptual drawing, 2D drawings 3D drawings and spatial relationships will be explored. Additional topics include file maintenance, printing formats, plotting and 3D printing are used to create two and three-dimensional design models..

MANAGEMENT, ENTREPRENEURSHIP & BUSINESS ADMINISTRATION

MEBA 110 Introduction to eBusiness Management

Course at Harrisburg University
3 Semester Hours

Instructor at Dallastown Area School District: Maggie Guttridg
Dallastown Area School District Course: Intro to Business

This course introduces the basic concepts of conducting and managing business through a large number of real-life case studies and examples. Modern enterprises and the evolution of those enterprises through adoption of the Internet and Web technologies are examined. The student is exposed to different models such as eBusiness, eCommerce, eGovernment, eMarketing, eManagement, eProcurement and eSupply chains..

INTERACTIVE MEDIA

IMED 250 Video Production I

Course at Harrisburg University
2 Semester Hours

Instructor at Dallastown Area School District: Joe Klinedinst
Dallastown Area School District Course: Video I and Video II

This course explores the fundamental theory and practice of creating digital media. The course also prepares the student for creative expression and technology application in all aspects of media for effective message communication, whether it is for a specific product, a game or entertainment site, instruction, or eCommerce. New and emerging digital media tools are used to create, store, transmit and sell products and services. The student employs these new skills to develop portfolio-ready pieces.

IMED 251 Video Production II

Course at Harrisburg University
2 Semester Hours
Prerequisites: IMED 250

Instructor at Dallastown Area School District: Joe Klinedinst
Dallastown Area School District Course: Video III

This course builds on digital video production skill development. The student uses visual design principles, motion graphics, sound design, and creative camera techniques and editing to produce client-based projects. This course also includes considerable training on the use of studio equipment, including its care and maintenance.

IMED 251 Video Production II

Course at Harrisburg University
2 Semester Hours
Prerequisites: IMED 250

Instructor at Dallastown Area School District: Joe Klinedinst
Dallastown Area School District Course: Video IV

This course builds on digital video production skill development. The student uses visual design principles, motion graphics, sound design, and creative camera techniques and editing to produce client-based projects. This course also includes considerable training on the use of studio equipment, including its care and maintenance.

DASD/HU
PROGRAM OF STUDY

COMPUTER SCIENCE

CISC 120 Fundamentals of Computing

Course at Harrisburg University
4 Semester Hours

Instructor at Dallastown Area School District: Kyle McAllister
Dallastown Area School District Course: 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.

BIOLOGY

BIOL 102 – General Biology

Course at Harrisburg University
3 Semester Hours
Prerequisites: None
Corequisites: BIOL 103

Instructor at Dallastown Area School District: Daniel Herbert
Dallastown Area School District Course: AP Biology
Changes/Requests: Dallastown Area School District agrees to provide key assessments as identified by HU Faculty.

This course introduces the student to the major themes of biology, including properties of living organisms, comparison of eucaryotes vs. procaryotes, patterns of inheritance, the central dogma, mitosis and meiosis, the diversity of life in both plants and animals, classification of organisms, evolution, metabolism, photosynthesis, cell structures, basic structure of the body, infectious disease, the Hardy-Weinberg principle, biodiversity, ecosystems, and the biosphere. A broad understanding of biology and living organisms in the biosphere is developed through hands-on, multimodal engaged learning opportunities in both the classroom and the companion laboratory component.

BIOL 103 – General Biology Laboratory

Course at Harrisburg University
1 Semester Hour
Prerequisites: None
Corequisites: BIOL 102

Instructor at Dallastown Area School District: Daniel Herbert
Dallastown Area School District Course: AP Biology

Companion laboratory component that demonstrates the major themes of biology presented in BIOL 102.

PHYSICS

PHYS 210 General Physics I

Course at Harrisburg University
4 Semester Hours

Instructor at Dallastown Area School District: Mark Ilyes and Sam Cohen
Dallastown Area School District Course: AP Physics I

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.

PHYS 260 General Physics II

Course at Harrisburg University
4 Semester Hours

Instructor at Dallastown Area School District: Mark Ilyes
Dallastown Area School District Course: AP Physics II

This course extends the study of classical physics and covers topics in electrostatics magneto statics, electric circuits, electromagnetic waves, optics, interference and diffraction, and the quantum theories of atomic and nuclear physics. Mathematical problem-solving skills and applied problems in medical technology are emphasized. Applications of elementary and differential and integral calculus to physics are introduced. The course includes laboratory experiments to expose the student to advanced electronic and radiation measurement technologies and enhance the theoretical development of each topic.

DASD/HU
PROGRAM OF STUDY

CHEMISTRY

CHEM 151 General Chemistry I Lecture

Course at Harrisburg University
3 Semester Hours
Corequisites: CHEM 152

Instructor at Dallastown Area School District: Kelley Mathias
Dallastown Area School District 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

Course at Harrisburg University
1 Semester Hour
Corequisites: CHEM 151

Instructor at Dallastown Area School District: Kelley Mathias
Dallastown Area School District 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

Course at Harrisburg University
3 Semester Hours
Prerequisites: C or higher in CHEM 151-152 or permission of instructor
Corequisites: CHEM 162

Instructor at Dallastown Area School District: Kelley Mathias
Dallastown Area School District Course: AP Chemistry

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

CHEM 162 General Chemistry II Laboratory

Course at Harrisburg University
1 Semester Hour
Prerequisites: C or higher in CHEM 151-152 or permission of instructor
Corequisites: CHEM 161

Instructor at Dallastown Area School District: Kelley Mathias
Dallastown Area School District Course: AP Chemistry

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

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/

www.Facebook.com/HarrisburgU | www.Twitter.com/HarrisburgU

Harrisburg University | 326 Market St. Harrisburg, PA 17101 • UndergraduateAdmissions@HarrisburgU.edu • www.HarrisburgU.edu
Harrisburg University Philadelphia | 1500 Spring Garden St., Suite 101, Philadelphia, PA 19130 • http://philadelphia.HarrisburgU.edu/
HU_September 2020