

DUAL ENROLLMENT

GREENWOOD SCHOOL DISTRICT

Dual enrollment is academic programming that enables Greenwood School District freshmen, 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 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 Greenwood School District (GSD) as a Corporate (adjunct) Faculty with the University. The second step is conducting a curriculum review of the courses at GSD to see if the content aligns with any courses at HU. Some adjustments to course material is required, however once completed, the courses at GSD can count towards credit for courses at HU. Students at GSD 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 GSD 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 GSD?

For the courses articulated with GSD, 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 GSD, by GSD 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 GSD, 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?

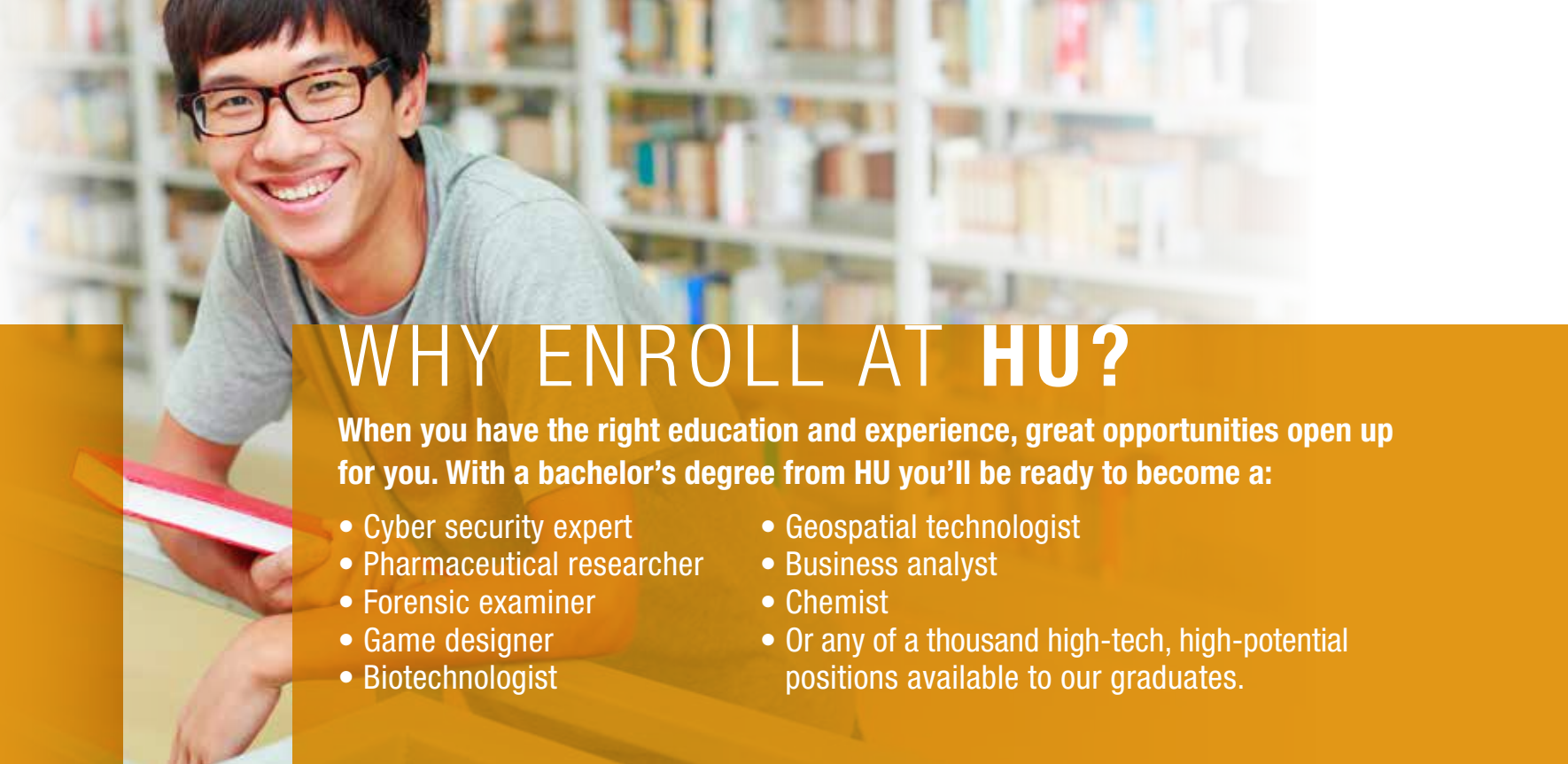
The deadline will be established by the HU Director of Secondary School Services and communicated to GSD administrators and counselors, as well as, all students and parents.

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

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 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.

GSD/HU PROGRAM OF STUDY



BIOTECHNOLOGY

BTEC 210 Food and Nutrition

Course at Harrisburg University
3 Semester Hours
Prerequisites: BTEC 170

Instructor at Greenwood School District: Sue Slingerland
Course at Greenwood School District: Consumer Foods

This course provides an overview of the diet and nutritional requirements of protein, energy, whole grains, major vitamins and minerals and other food groups that are determinants of health and diseases in human populations. The sources, recommended intake, role of major nutrients, and metabolism are explored, in addition to case studies that address the impact of nutrition on human growth and development of chronic or acute diseases (i.e. cancer, diabetes, heart disease, etc.).

CHEMISTRY

CHEM 151 General Chemistry I Lecture

Course at Harrisburg University
3 Semester Hours
Prerequisites: MATH 120 or MATH 220
Corequisites: CHEM 152

Instructor at Greenwood School District: Brian Tomko
Course at Greenwood School District: 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
Prerequisites: MATH 120 or MATH 220
Corequisites: CHEM 151

Instructor at Greenwood School District: Brian Tomko
Course at Greenwood School District: 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 Greenwood School District: Brian Tomko
Course at Greenwood School District: Advanced 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 Greenwood School District: Brian Tomko
Course at Greenwood School District: Advanced Chemistry

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

ENGLISH

COMM 110 Speech

Course at Harrisburg University
3 Semester Hours
Prerequisites: None

Instructor at Greenwood School District: Tim Dershem
Course at Greenwood School District: Business Presentations & 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.

ENVIRONMENTAL SCIENCE

ENVS 101 Introduction to Environmental Science

Course at Harrisburg University
4 Semester Hours
Prerequisites: None

Instructor at Greenwood School District: Krista Pontius
Course at Greenwood School District: Environmental Science

Environmental science is the study of natural ecosystems, human impacts on the environment, and sustainable management of the Earth's resources. Processes of the physical and biological environment are used as a basis for consideration of current environmental topics. Other areas covered include: energy consumption and global warming, water and air pollution, waste management, impacts of deforestation on biodiversity, and other environmental changes occurring on a global scale. Offered Spring Semester, annually.

MANAGEMENT AND eBUSINESS

MEBA 230 Marketing

Course at Harrisburg University
3 Semester Hours
Prerequisites: None

Instructor at Greenwood School District: Tim Dershem
Course at Greenwood School District: Marketing

The student is provided with analytical tools to understand and synthesize the most current applications of theories and concepts in marketing. The student is shown how to design strategic planning for competitive advantage in the marketplace and is encouraged to explore the essence of marketing environment and the global vision for business marketing. Topics such as consumer and business marketing, segmentation, support systems in marketing, product concepts and management, marketing channels and supply chain management are explored.

GSD/HU

PROGRAM OF STUDY

MATH

MATH 120 College Algebra

Course at Harrisburg University

3 Semester Hours

Prerequisites: MATH 081, by assessment, or C or better

Instructor at Greenwood School District: Mark McCoy

Course at Greenwood School District: Course Adoption

This course is designed for the student with an elementary knowledge of algebra. Topics include properties of real numbers, problem-solving using equations and inequalities, algebraic functions, graphing, systems of equations and inequalities, polynomial functions and graphs, exponents and radicals, the binomial theorem, zeros of polynomials, inverse functions, and applications and graphs. Free on-line graphing and calculating utilities are used in lieu of a graphing calculator. This course meets a total of 4 hours per week to permit active learning activities each week driven by student interests or needs.

MATH 220 Calculus I

Course at Harrisburg University

3 Semester Hours

Prerequisites: MATH 120 or MATH 280

Instructor at Greenwood School District: Mark McCoy

Course at Greenwood School District: 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.

PHYSICS

PHYS 210 General Physics I

Course at Harrisburg University

4 Semester Hours

Prerequisites: High School Physics and Algebra II

Instructor at Greenwood School District: Jonathan Everet

Course at Greenwood School District: 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:

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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.



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