

# DUAL ENROLLMENT

SUSQUENITA SCHOOL DISTRICT

Dual enrollment is academic programming that enables the Susquenita 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.*



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

For the courses articulated with SSD, 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 SSD, by SSD 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 SSD, 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 SSD 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 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 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.

# SSD/HU PROGRAM OF STUDY

## BIOLOGY

### BIOL 102 General Biology

3 Semester Hours  
Prerequisites: None  
Corequisites: BIOL 103

Instructor at Susquenita School District: Judd Dorman  
SSD Course: AP Biology

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, multi-modal engaged learning opportunities in both the classroom and the companion laboratory component.

### BIOL 103 General Biology Laboratory

1 Semester Hour  
Prerequisites: None  
Corequisites: BIOL 102

Instructor at Susquenita School District: Judd Dorman  
SSD Course: AP Biology

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

### BIOL 214 Anatomy and Physiology I

Course at Harrisburg University  
4 Semester Hours  
Prerequisites: BIOL 102-103 or AP Biology with a score of 3 on the AP Exam

Instructor at Susquenita School District: Judd Dorman  
SSD Course: Anatomy and Physiology

This course discusses the structural and functional makeup of the human body. Medical and anatomical terminology is mastered, and an emphasis is placed on covering the details of development, histology and functioning of the muscular, circulatory, cardiovascular and endocrine systems.

### BIOL 215 Anatomy and Physiology II

Course at Harrisburg University  
4 Semester Hours  
Prerequisites: BIOL 214

Instructor at Susquenita School District: Judd Dorman  
SSD Course: Anatomy and Physiology

This course studies the immune system, lymphatic system, gastrointestinal tract and digestion, genitourinary system, and the nervous system. An in-depth examination of the five senses is also conducted.

## CHEMISTRY

### CHEM 151 General Chemistry I Lecture

3 Semester Hours  
Corequisites: CHEM 152

Instructor at Susquenita School District: Steve Shirmer  
SSD 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 Susquenita School District: Steve Shirmer  
SSD 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 Susquenita School District: Steve Shirmer  
SSD 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 Susquenita School District: Steve Shirmer  
SSD Course: AP Chemistry

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

# SSD/HU

## PROGRAM OF STUDY

### MATH

#### MATH 220 Calculus I

Course at Harrisburg University  
3 Semester Hours

Instructor at Susquenita School District: Kyla Falzarano  
SSD 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.

#### MATH 280 Introductory Statistics

3 Semester Hours  
Prerequisites: MATH 120 or MATH 220

Instructor at Susquenita School District: Michael Miller  
SSD 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.

### MANAGEMENT, ENTREPRENEURSHIP, AND BUSINESS ADMINISTRATION

#### MEBA 230 Marketing

Course at Harrisburg University  
3 Semester Hours

Instructor at Susquenita School District: Julie Heffner  
SSD Course: Sports and Entertainment 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.



**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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