

The School of Agricultural and Natural Resources

Animal Science/Management Pathway:

Courses must be taken in order:

567 Found. of Animal Science-1 (9-11)
568 Growth/Dev. Domestic An.-2 (10-12)
571 Domestic Animal Mgt.-3 (11-12)
581 Adv. Animal Science-4 (12)

Natural Resource Management Pathway:

590 Intro. to Natural Resources-1 (9-11)
591 Principles of Env. Science-2 (10-12)

After completing Level 1 (590) and Level 2 (591), students may take either 592 or 593 to complete the Natural Resource Mgt. Pathway:

592 Env./Nat. Res. Stewardship-3 (11-12)
593 AP Environmental Science (11-12)

Students may take AP Environmental Science without taking 1, 2, or 3 if it is not their pathway.

Plant Science Pathway:

Courses must be taken in order:

958 Found. of Plant Science-1 (9-11)
959 Plant & Soil Systems-2 (10-12)
960 Plant Systems Mgt./Sustain.-3 (11-12)
977 Greenhouse/Hort. Science-4 (12)

Ag. Power & Engineering Pathway:

Courses must be taken in order:

564 Ag. Power & Engineering-1 (9-11)
565 Ag. Welding & Fabrication-2 (10- 12)
957 Power/Mechanical Systems-3 (11-12)
963 Adv. Power/Mech. Systems-4 (12)

Ag. Structures & Engineering Pathway:

Courses must be taken in order:

560 Ag. Structures/Engineering-1 (9-11)
561 Structural Systems in Ag.-2 (10-12)
580 Essential Skills Structures/Eng.-3 (11-12)

2023-2024 Pathway & Elective Courses

The School of Business, Finance and Marketing

Academy of Business Information Management (BIM) Pathway:

Courses must be taken in order:

547 BIM I: Business Info. Tech. (9-10)
548 BIM II: Global Bus. Econ. (10-11)
549 BIM III: Entrepreneurship (11-12)

Academy of Finance (AOF) Pathway:

Courses must be taken in order:

524 AOF I: Fundamentals of Finance (9-10)
525 AOF II: Princ. of Accounting (10-11)
526 AOF III: Financial Services (11-12)

Accounting Pathway:

Courses must be taken in order:

586 Foundations of Accounting-1 (9-10)
587 Analysis of Accounting-2 (10-11)
588 Accounting Practicum-3 (11-12)

Computer Science Pathway:

397 Exploring Computer Science (9-10)
398 AP Comp. Sc. Principles (10-12)
400 AP Computer Science A (10-12)
401 IT Essentials CS (11-12)
*Students may take either 400 or 401 as the 3rd level of the pathway

***Digital Communication Technology Pathway:**

Courses must be taken in order:

582 Foundations Digital Design-1 (9-11)
583 Processes Digital Production-2 (10-12)
584 Applications Digital Design-3 (11-12)

Marketing Today Pathway:

Courses must be taken in order:

550 Marketing Essentials-1 (9-10)
551 Digital Marketing-2 (10-11)
552 Entrepreneurial Marketing-3 (11-12)

Wilmington University Dual

Enrollment Course – available as a 4th level course for any of the business pathways (must have completed or be enrolled in a 3rd level business course). Students must take both courses:

Course #011 - WU Management/Marketing:
WU BBM201 Principles of Mgt (12) – Sem. 1
WU BMK305 Marketing (12) – Sem. 2

The School of Education

Early Childhood Teacher Academy Pathway:

Courses must be taken in order:

689 Human Growth & Development (9-11)
690 ECE II: Early Childhood as a Profession (10-12)
691 ECE III: Curric. & Instruction (11-12)
697 ECE Teacher Academy Internship (12) *
1069 Leadership in Education (11-12)

K-12 Teacher Academy Pathway:

Courses must be taken in order:

1060 Human Growth & Development (9-11)
1061 K12 II: Teaching as a Profession (10-12)
1062 K12 III: Foundations of Curriculum & Instruction (11-12)
1063 K12 IV: Exceptional Children (11-12)
998 K12 Teacher Academy Internship (12) *
1069 Leadership in Education (11-12)

*K12 & ECE Internships:

-You can't select the Internships in HAC – see teachers for application process.

-Students in Internships will be enrolled in 2 semester-long Wilmington University courses.

The School of STEM and Professional Studies

Allied Health Pathway

Courses must be taken in order:

1040 Allied Health I: Fundamentals of Health Science (9-10)
1043 Allied Health II: Essentials of Health Careers (10-11)
1047 DTCC BIO120: Anatomy and Physiology I (11-12)
1045 Allied Health Internship (12)

*You can't select the Internship in HAC – see teacher for application process.

Culinary & Hospitality Mgt. Pathway:

Courses must be taken in order:

554 Culinary Arts/Hospitality-1 (9-10)
555 Adv. Food Production-2 (10-11)
556 Culinary Professional-3 (11-12)

Engineering Pathway:

(Project Lead the Way Program)

Courses must be taken in order:

1050 PLTW I: Intro. Engineering (9-10)
1051 PLTW II: Princ. Engineering (10-11)
1053 PLTW III: Eng. Design/Dev. (11-12)

The School of Performing and Visual Arts

Instrumental Music Pathway:

- 620 Marching Band (9-12)
- 622 Symphonic Band (9-12)
- 625 Jazz Ensemble (9-12) *
- 626 Music Theory (10-12)

Vocal Music Pathway:

- 624 Chorus (9-12)
- 628 Chorus – Select Ensemble (10-12) *
- 630 Show Choir (10-12) *

**Chorus-Select Ensemble, Show Choir & Jazz Ensemble require audition. Teacher will provide a list of students to counselors; students cannot select in HAC course requests.*

Theatre Arts Pathway:

- 181 Introduction to Theatre (9-12)
- 182 Advanced Theatre (10-12)
- 183 Adv. Production/Performance (11-12)

Visual Arts Pathway:

- 605 Fundamentals of Art (9-12)
- 619 Studio Art Specialization (10-12)
- 608 Art Majors (11-12)
- 616 Digital Photography 1 (9-12)
- 617 Digital Photography 2 (10-12)
- 635 Digital Photography 3 (11-12)
- AP Studio Art (12-permission required):
 - 613 - AP Drawing
 - 614 - AP 2D
 - 615 - AP 3D

The School of Leadership Studies

Aerospace Science/Leadership Pathway:

Aerospace 1-4 must be taken in order:

- 964 Aero/Leadership 1 (9-12)
- 965 Aero/Leadership 2 (10-12)
- 966 Aero/Leadership 3 (11-12)
- 967Y Aero/Leadership 4A/B (12)
- 979 Aviation Ground School (11-12)

**Students must be enrolled in Aero. 3 or 4 while taking Aviation Ground School.*

Jobs for Delaware Graduates Pathway:

- 601 JDG 9 (9)
- 602 JDG 10 (10)
- 603 JDG 11 (11)
- 604 JDG 12 (12)

World Language

Students must complete two years of the same language to fulfill the World Language graduation requirement.

- 641 French 1 (9-12)
- 642 French 2 (10-12)
- 643 French 3 (11-12)
- 644 French 4 (12)
- 661 Spanish 1 (9-12)
- 662 Spanish 2 (9-12)
- 669 Spanish 2 Honors (9-12)
- 663 Spanish 3 (10-12)
- 668 Spanish 3 Honors (10-12)
- 672 Spanish 4 Honors (11-12)
- 665 AP Spanish Language (12)

- *670 Conversational Spanish 1 (9-12)
- *671 Conversational Spanish 2 (10-12)

**Permission from the Office of Student Support Services is required to enroll in these world language courses.*

Health & Physical Fitness Electives

Prerequisites: Health, P.E. 1, P.E. 2

- 714 Health Advocacy (11-12)
- 730 Bigger/Faster/Stronger-BFS (11-12)
- 733 Adv. Bigger/Faster/Stronger (12)

English Electives

- 155 Film as Literature (11-12)
- 158 African American Literature CP (11-12)
- 161 Creative Writing (11-12)

186 Yearbook (9-12)
Yearbook requires an application. Teacher will provide list of selected students to counselors after applications are reviewed; students cannot select in HAC course requests. Click [HERE](#) for the application link.

Science Electives

- 367 Epidemiology/Biostats CP (9-12)
- 445 Chemistry 2 CP (12)
- 455 Physics CP (12)
- 456 Physics Honors (12)
- 471 Geology CP: Earth & Space (9-12)
- 472 Bioethics & Biotech CP (9-12)
- 481 Forensic Science CP (11-12)
- 725 Anatomy & Physiology CP (11-12)
- 1052 Environment Sustainability CP (11-12)

- 427 AP Biology* (11-12)
- 446 AP Chemistry* (12)
- 593 AP Environmental Science (11-12)

*AP = Advanced Placement Course

*AP Biology & AP Chemistry courses meet every day. Students earn 2 credits.

Social Studies Electives

- 235 World History CP (11-12)
- 261 Criminal Law & Procedure (11-12)
- 262 Psychology (11-12)
- 265 African American History CP (11-12)
- 274 History of Conflict (9-12)

- 227 AP US History (11-12)
- 236 AP World History (12)
- 257 AP US Govt. & Politics (10-12)
- 258 AP Psychology (11-12)

*AP = College Board Advanced Placement Course