



# PHS PATHWAYS



— PATHWAY GUIDE

## Part 1: The Big Picture

Students learn best when they have an interest in the subject and can see connections across disciplines. This contextual understanding, interdisciplinary learning and identifying of key concepts is the basis of MYP, the pedagogy by which all PHS students are taught. When a student enters PHS as a 9th grader, we want to provide direction to his/her 4-year journey based on interest. Thus, we ask students to choose a pathway of interest to guide their learning. Choosing a pathway is not the same as choosing a career path. Rather, each pathway adopts an industry theme or “program of study” to give students a real-world content for better understanding of the academic and technical foundation they will need to succeed in whatever post-secondary option they choose. Within this pathway are students with similar interests that can share in their learning as a member of a pathway cohort. The pathway model transforms a student’s high school experience by bringing together strong academics, demanding technical education and real-world experience, culminating in dual-credit and/or industry certifications.



### Part II: Program of Study

The program of study is a key component of each pathway. Academic course content is coordinated with and reinforces the program of study. This coordination helps students gain a greater depth of knowledge by seeing the connection between academic theories and realworld application. Each program of study concludes with college-level coursework and/or industry certifications. Each program of study is color-coded to identify which courses offer dual-enrollment credit, AP credit, IB credit or industry certifications.



### Part III: Academic Cores and Electives

The Academic core classes include language arts, math, science, history and world language courses to prepare students to transition to their post-secondary lives, whether it be higher education or career. Elective courses complement the Academic core and program of study and are required for graduation.



### Part IV: Graduation Requirements

The four-year plans in this guide indicate the number of credits required per subject area, totaling 240 credits to earn a diploma. By design, each pathway and program of study include all necessary courses to meet students’ graduation requirements and prepare them for higher education.

**3**

## Course Request forms for Each Pathway

### Agriculture and the Environment Pathway Overview:

- Program of Study: Animal Sciences
- Program of Study: Natural Resources and the Environment
- Program of Study: Plant Sciences

**7**

### Arts and Humanities Pathway Overview:

- Program of Study: Visual Arts (Graphic Design, Fine Arts, Photo, Interior Design, Fashion Design)
- Program of Study: Performing Arts (Digital Communication, Music, Theatre)
- Program of Study: Humanities

**17**

### Engineering and Design Pathway Overview:

- Program of Study: 21st Century Manufacturing
- Program of Study: Architecture and Construction
- Program of Study: Computer-Aided Design

**21**

### Entrepreneurship Pathway Overview:

- Program of Study: Business and Marketing
- Program of Study: Computer Sciences
- Program of Study: Culinary and Hospitality

**25**

### Health Science and Human Services Pathway Overview:

- Program of Study: Education
- Program of Study: Health Sciences
- Program of Study: Non-Profit Sector

**29**

### International Baccalaureate Pre-Diploma Pathway Overview:

- Program of Study: International Baccalaureate Pre-Diploma

## Conclusion and Additional Resources

# AGRICULTURE & THE ENVIRONMENT

**The mission of Poudre's Agriculture and the Environment Pathway** is to expose students to the ever-growing agriculture industry. Utilizing hands-on, project based curriculum, students have the opportunity to learn about agriculture in a variety of contexts including animal sciences, plant sciences, natural resources, and agricultural mechanics. Students will gain a strong foundation in STEM skills such as inquiry, collaboration, and innovation to better prepare them to be productive citizens of the 21st Century.



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## Related Majors

Agricultural Business  
Animal Sciences  
Bioagricultural Sciences  
Horticulture  
Landscape Architecture  
Environmental and Natural Resources  
Soil and Crop Sciences

## Related Careers

Agronomist  
Forestry  
Farmer/Rancher  
Ecologist  
Environmental Engineer  
Landscape Architect  
Veterinarian  
Greenhouse/Nursery Management

## Student Organizations

Environmental Club  
FFA  
Ocean Bowl  
Science Bowl  
Science Olympiad

## Apprenticeships

4 Rivers

# PROGRAM OF STUDY:

## Animal Sciences

|                     | GRADUATION REQUIREMENTS (240)        | 9TH GRADE                            | 10TH GRADE                               | 11TH GRADE   | 12TH GRADE                            |
|---------------------|--------------------------------------|--------------------------------------|--|--|---------------------------------------|
| CORE CLASSES        | Social Studies / Humanities (30)     | MYP History / Geography              | MYP History / <b>Geography</b>           | <b>Social Studies / AP Humanities</b>                            | Social Studies Humanities Civics      |
|                     | Language Arts (40)                   | MYP English 9                        | MYP English 10                           | <b>Language Arts / AP</b>  | <b>Language Arts / AP</b>             |
|                     | Math (30)                            | Math                                 | <b>Math</b>                              | <b>Math / AP</b>   | <b>Math / AP</b>                      |
|                     | Lab Science (30)                     | Science                              | <b>Science</b>                           | <b>Science / AP</b>  | <b>Science / AP</b>                   |
| PATHWAY CLASSES     | Animal Sciences                      | Intro to Agriculture                 | Principles of Animal & Vet Science A / B | Intermediate Vet Science A / B<br>Animal Production & Mgmt A / B | Work-based Learning Agriculture (SAE) |
| WORLD LANGUAGES     | World Language OR World Culture (10) | World Language OR World Culture      | <b>World Language / AP</b>               | <b>World Language / AP</b>                                       | <b>World Language / AP</b>            |
| FINE & APPLIED ARTS | Arts (10)                            | Visual OR Performing Arts            | Visual OR Performing Arts                | Visual OR Performing Arts  | Visual OR Performing Arts             |
| HEALTH & WELLNESS   | Health & Wellness (15)               | Physical Education AND / OR Wellness | Physical Education AND / OR Wellness     | Physical Education AND / OR Wellness                             | Physical Education AND / OR Wellness  |
| ELECTIVE            | Electives (65)                       | MYP Freshman Seminar Electives       | Electives                                | Electives  | Electives                             |
| FINANCE & ECONOMICS | Finance & Economics (10)             |                                      | <b>Financial Planning Economics</b>      | <b>Financial Planning Economics</b>                              | <b>Financial Planning Economics</b>   |

**KEY:**

Dual Credit Option

Industry Certification\*

Advanced Placement

IB Diploma Course

**NOTE:** Dual Credit and Certifications offered in most elective courses

# PROGRAM OF STUDY:

## Plant Science

|                     | GRADUATION REQUIREMENTS (240)        | 9TH GRADE                            | 10TH GRADE                           | 11TH GRADE                            | 12TH GRADE  |
|---------------------|--------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|---|
| CORE CLASSES        | Social Studies / Humanities (30)     | MYP History / Geography              | MYP History / <b>Geography</b>       | <b>Social Studies / AP Humanities</b> | Social Studies Humanities Civics                    |
|                     | Language Arts (40)                   | MYP English 9                        | MYP English 10                       | <b>Language Arts / AP</b>             | <b>Language Arts / AP</b>                           |
|                     | Math (30)                            | Math                                 | <b>Math</b>                          | <b>Math / AP</b>                      | <b>Math / AP</b>                                    |
|                     | Lab Science (30)                     | Science                              | <b>Science</b>                       | <b>Science / AP</b>                   | <b>Science / AP</b>                                 |
| PATHWAY CLASSES     | Plant Science                        | Intro to Agriculture                 | Principles of Horticulture A / B     | Floriculture<br>Urban Farming         | Greenhouse Production*<br>Work-based Learning (SAE) |
| WORLD LANGUAGES     | World Language OR World Culture (10) | World Language OR World Culture      | <b>World Language / AP</b>           | <b>World Language / AP</b>            | <b>World Language / AP</b>                          |
| FINE & APPLIED ARTS | Arts (10)                            | Visual OR Performing Arts            | Visual OR Performing Arts            | Visual OR Performing Arts             | Visual OR Performing Arts                           |
| HEALTH & WELLNESS   | Health & Wellness (15)               | Physical Education AND / OR Wellness | Physical Education AND / OR Wellness | Physical Education AND / OR Wellness  | Physical Education AND / OR Wellness                |
| ELECTIVE            | Electives (65)                       | MYP Freshman Seminar<br>Electives    | Electives                            | Electives                             | Electives   |
| FINANCE & ECONOMICS | Finance & Economics (10)             |                                      | <b>Financial Planning Economics</b>  | <b>Financial Planning Economics</b>   | <b>Financial Planning Economics</b>                 |

**KEY:**  
Dual Credit Option      Advanced Placement  
Industry Certification\*      IB Diploma Course

**NOTE:** Dual Credit and Certifications offered in most elective courses

# PROGRAM OF STUDY:

## Natural Resources & The Environment

|                     | GRADUATION REQUIREMENTS (240)        | 9TH GRADE                            | 10TH GRADE                                | 11TH GRADE                            | 12TH GRADE                                      |
|---------------------|--------------------------------------|--------------------------------------|---|---------------------------------------|---|
| CORE CLASSES        | Social Studies / Humanities (30)     | MYP History / Geography              | MYP History / <b>Geography</b>            | <b>Social Studies / AP Humanities</b> | Social Studies Humanities Civics                |
|                     | Language Arts (40)                   | MYP English 9                        | MYP English 10                            | <b>Language Arts / AP</b>             | <b>Language Arts / AP</b>                       |
|                     | Math (30)                            | Math                                 | <b>Math</b>                               | <b>Math / AP</b>                      | <b>Math / AP</b>                                |
|                     | Lab Science (30)                     | Science                              | <b>Science</b>                            | <b>Science / AP</b>                   | <b>Science / AP</b>                             |
| PATHWAY CLASSES     | Natural Resources & The Environment  | Intro to Agriculture                 | Principles of Natural Resource Management | Landscape Construction & Maintenance  | Supervised Ag Experience<br>Work-based Learning |
| WORLD LANGUAGES     | World Language OR World Culture (10) | World Language OR World Culture      | <b>World Language / AP</b>                | <b>World Language / AP</b>            | <b>World Language / AP</b>                      |
| FINE & APPLIED ARTS | Arts (10)                            | Visual OR Performing Arts            | Visual OR Performing Arts                 | Visual OR Performing Arts             | Visual OR Performing Arts                       |
| HEALTH & WELLNESS   | Health & Wellness (15)               | Physical Education AND / OR Wellness | Physical Education AND / OR Wellness      | Physical Education AND / OR Wellness  | Physical Education AND / OR Wellness            |
| ELECTIVE            | Electives (65)                       | MYP Freshman Seminar Electives       | Electives                                 | Electives                             | Electives                                       |
| FINANCE & ECONOMICS | Finance & Economics (10)             |                                      | <b>Financial Planning Economics</b>       | <b>Financial Planning Economics</b>   | <b>Financial Planning Economics</b>             |

**KEY:**  
Dual Credit Option      Advanced Placement  
Industry Certification\*      IB Diploma Course

**NOTE:** Dual Credit and Certifications offered in most elective courses

# ARTS & HUMANITIES

**The mission of Poudre's Arts and Humanities Pathway** is to provide students a combination of rigorous academic courses with real-world experiential projects that tap into students' creativity, inquiry, and critical thinking skills. Students may choose a program of study in the visual arts, performing arts or humanities—each of which provides opportunities to put Their learning into action and exposes students to the arts related vocations and higher education programs available to students beyond high school.



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## Related Majors

Art Education / Language Arts  
Art History  
Fine Art  
Graphic Design  
Photography or Film  
Pottery  
Music Education  
Music Therapy  
Composition  
Fashion Design  
Literature  
Interior Design  
Theatre Design & Technology

## Related Careers

Artist  
Actor  
Playwright/writer  
Theatre Technician  
Fashion Designer  
Journalist/Photojournalist  
Graphic Designer  
Music Therapist  
Musician  
Filmmaker

## Student Organizations

Drama Club  
FCCLA  
Book Club  
Drama Club  
Writers Club  
Film Club  
Poudre Readers' Society  
National Art Honors Society



# PROGRAM OF STUDY:

## Visual Arts

### Graphic Design Focus

|                     | GRADUATION REQUIREMENTS (240)        | 9TH GRADE                            | 10TH GRADE  | 11TH GRADE   | 12TH GRADE  |
|---------------------|--------------------------------------|--------------------------------------|---|--|---|
| CORE CLASSES        | Social Studies / Humanities (30)     | MYP History / Geography              | MYP History / <b>Geography</b>  | <b>Social Studies / AP Humanities</b>  | Social Studies Humanities Civics  |
|                     | Language Arts (40)                   | MYP English 9                        | MYP English 10  | <b>Language Arts / AP</b>  | <b>Language Arts / AP</b>   |
|                     | Math (30)                            | Math                                 | <b>Math</b>   | <b>Math / AP</b>   | <b>Math / AP</b>  |
|                     | Lab Science (30)                     | Science                              | <b>Science</b>  | <b>Science / AP</b>  | <b>Science / AP</b>   |
| PATHWAY CLASSES     | Visual Arts                          | MYP Design                           | Drawing, Painting, Photography, Adv. Drawing, Adv. Photo, Creative Photo, <b>AP Art History</b> | IB DP Visual Arts SL OR <b>AP Art</b> , FRCC Digital Design (MGD 111) Earn an Adobe Associates Certificate in Photoshop Kaleidoscope (Art & Literary Magazine) | IB DP Visual Arts HL OR <b>AP Art</b> , FRCC Adv. Digital Design (MGD 112) Earn an Adobe Associates Certificate in Illustrator Kaleidoscope Capstone: Art Portfolio |
| WORLD LANGUAGES     | World Language OR World Culture (10) | World Language OR World Culture      | <b>World Language / AP</b>  | <b>World Language / AP</b>   | <b>World Language / AP</b>  |
| FINE & APPLIED ARTS | Arts (10)                            | Visual OR Performing Arts            | Visual OR Performing Arts   | Visual OR Performing Arts  | Visual OR Performing Arts   |
| HEALTH & WELLNESS   | Health & Wellness (15)               | Physical Education AND / OR Wellness | Physical Education AND / OR Wellness  | Physical Education AND / OR Wellness   | Physical Education AND / OR Wellness  |
| ELECTIVE            | Electives (65)                       | MYP Freshman Seminar Electives       | Electives   | Electives  | Electives   |
| FINANCE & ECONOMICS | Finance & Economics (10)             |                                      | <b>Financial Planning Economics</b>   | <b>Financial Planning Economics</b>  | <b>Financial Planning Economics</b>   |

**KEY:**  
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Industry Certification\*      IB Diploma Course

**NOTE:** Dual Credit and Certifications offered in most elective courses

# PROGRAM OF STUDY: Digital Communication

|                     | GRADUATION<br>REQUIREMENTS<br>(240)  | 9TH<br>GRADE                         | 10TH<br>GRADE                                      | 11TH<br>GRADE   | 12TH<br>GRADE   |
|---------------------|--------------------------------------|--------------------------------------|--|---|---|
| CORE CLASSES        | Social Studies / Humanities (30)     | MYP History / Geography              | MYP History / <b>Geography</b>                     | <b>Social Studies / AP Humanities</b>   | Social Studies Humanities Civics  |
|                     | Language Arts (40)                   | MYP English 9                        | MYP English 10                                     | <b>Language Arts / AP</b>   | <b>Language Arts / AP</b>   |
|                     | Math (30)                            | Math                                 | <b>Math</b>  | <b>Math / AP</b>  | <b>Math / AP</b>  |
|                     | Lab Science (30)                     | Science                              | <b>Science</b>                                     | <b>Science / AP</b>   | <b>Science / AP</b>   |
| PATHWAY CLASSES     | Visual Arts                          | MYP Design<br>TV Production          | TV Production, Technical Theater, Music Production | Digital Productions<br>FRCC Digital Design (MGD 111)<br>Earn an Adobe Associates Certificate in Photoshop<br>Kaleidoscope (Art & Literary Magazine) | Digital Productions<br>FRCC Advanced Digital Design (MGD 112)<br>Earn an Adobe Associates Certificate in Illustrator<br>Kaleidoscope<br>Work-based Learning |
| WORLD LANGUAGES     | World Language OR World Culture (10) | World Language OR World Culture      | <b>World Language / AP</b>                         | <b>World Language / AP</b>  | <b>World Language / AP</b>  |
| FINE & APPLIED ARTS | Arts (10)                            | Visual OR Performing Arts            | Visual OR Performing Arts                          | Visual OR Performing Arts   | Visual OR Performing Arts   |
| HEALTH & WELLNESS   | Health & Wellness (15)               | Physical Education AND / OR Wellness | Physical Education AND / OR Wellness               | Physical Education AND / OR Wellness  | Physical Education AND / OR Wellness  |
| ELECTIVE            | Electives (65)                       | MYP Freshman Seminar<br>Electives    | Electives  | Electives   | Electives   |
| FINANCE & ECONOMICS | Finance & Economics (10)             |                                      | <b>Financial Planning Economics</b>                | <b>Financial Planning Economics</b>   | <b>Financial Planning Economics</b>   |

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# PROGRAM OF STUDY:

## Visual Arts

### Photography Focus

|                     | GRADUATION REQUIREMENTS (240)        | 9TH GRADE                            | 10TH GRADE   | 11TH GRADE  | 12TH GRADE  |
|---------------------|--------------------------------------|--------------------------------------|--|---|---|
| CORE CLASSES        | Social Studies / Humanities (30)     | MYP History / Geography              | MYP History / <b>Geography</b>   | <b>Social Studies / AP Humanities</b>   | Social Studies Humanities Civics  |
|                     | Language Arts (40)                   | MYP English 9                        | MYP English 10   | <b>Language Arts / AP</b>   | <b>Language Arts / AP</b>   |
|                     | Math (30)                            | Math                                 | <b>Math</b>  | <b>Math / AP</b>  | <b>Math / AP</b>  |
|                     | Lab Science (30)                     | Science                              | <b>Science</b>   | <b>Science / AP</b>   | <b>Science / AP</b>   |
| PATHWAY CLASSES     | Visual Arts                          | MYP Design Photo 1                   | Advanced Photo, <b>FRCC Digital Design (MGD 111)</b> , Drawing, Adv. Drawing, Painting <b>AP Art History</b> | IB DP Visual Arts SL OR <b>AP Art (with a photo focus)</b> Creative Photo, <b>FRCC Digital Design (MGD 111)</b> | IB DP Visual Arts HL OR <b>AP Art (with a photo focus)</b> Capstone: Photo Portfolio Yearbook |
| WORLD LANGUAGES     | World Language OR World Culture (10) | World Language OR World Culture      | <b>World Language / AP</b>   | <b>World Language / AP</b>  | <b>World Language / AP</b>  |
| FINE & APPLIED ARTS | Arts (10)                            | Visual OR Performing Arts            | Visual OR Performing Arts  | Visual OR Performing Arts   | Visual OR Performing Arts   |
| HEALTH & WELLNESS   | Health & Wellness (15)               | Physical Education AND / OR Wellness | Physical Education AND / OR Wellness   | Physical Education AND / OR Wellness  | Physical Education AND / OR Wellness  |
| ELECTIVE            | Electives (65)                       | MYP Freshman Seminar Electives       | Electives  | Electives   | Electives   |
| FINANCE & ECONOMICS | Finance & Economics (10)             |                                      | <b>Financial Planning Economics</b>  | <b>Financial Planning Economics</b>   | <b>Financial Planning Economics</b>   |

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Industry Certification\*      IB Diploma Course

**NOTE:** Dual Credit and Certifications offered in most elective courses

# PROGRAM OF STUDY: Humanities

|                     | GRADUATION REQUIREMENTS (240)        | 9TH GRADE                            | 10TH GRADE   | 11TH GRADE  | 12TH GRADE  |
|---------------------|--------------------------------------|--------------------------------------|--|---|---|
| CORE CLASSES        | Social Studies / Humanities (30)     | MYP History / Geography              | MYP History / <b>Geography</b>                                   | <b>Social Studies / AP Humanities</b>   | Social Studies Humanities Civics  |
|                     | Language Arts (40)                   | MYP English 9                        | MYP English 10   | <b>Language Arts / AP</b>   | <b>Language Arts / AP</b>   |
|                     | Math (30)                            | Math                                 | <b>Math</b>  | <b>Math / AP</b>  | <b>Math / AP</b>  |
|                     | Lab Science (30)                     | Science                              | <b>Science</b>   | <b>Science / AP</b>   | <b>Science / AP</b>   |
| PATHWAY CLASSES     | Humanities                           | MYP Design                           | Writing for Literary Productions, Creative Writing, Film Studies | Writing for Lit. Productions Creative Writing, Film Studies, <b>History of Rock &amp; Pop, History of Jazz, Music Appreciation</b> World Humanities (Asia or Africa) Classical Humanities | Writing for Lit. Productions Creative Writing, Film Studies, <b>History of Rock &amp; Pop, History of Jazz, Music Appreciation</b> World Humanities (Asia or Africa) Classical Humanities |
| WORLD LANGUAGES     | World Language OR World Culture (10) | World Language OR World Culture      | <b>World Language / AP</b>                                       | <b>World Language / AP</b>  | <b>World Language / AP</b>  |
| FINE & APPLIED ARTS | Arts (10)                            | Visual OR Performing Arts            | Visual OR Performing Arts  | Visual OR Performing Arts   | Visual OR Performing Arts   |
| HEALTH & WELLNESS   | Health & Wellness (15)               | Physical Education AND / OR Wellness | Physical Education AND / OR Wellness                             | Physical Education AND / OR Wellness  | Physical Education AND / OR Wellness  |
| ELECTIVE            | Electives (65)                       | MYP Freshman Seminar Electives       | Electives  | Electives   | Electives   |
| FINANCE & ECONOMICS | Finance & Economics (10)             |                                      | <b>Financial Planning Economics</b>                              | <b>Financial Planning Economics</b>   | <b>Financial Planning Economics</b>   |

**KEY:**

Dual Credit Option

Industry Certification\*

Advanced Placement

IB Diploma Course

**NOTE:** Dual Credit and Certifications offered in most elective courses

# PROGRAM OF STUDY:

# Theater

|                     | GRADUATION REQUIREMENTS (240)   | 9TH GRADE   | 10TH GRADE   | 11TH GRADE   | 12TH GRADE  |
|---------------------|---|---|--|--|---|
| CORE CLASSES        | Social Studies / Humanities (30)  | MYP History / Geography                                 | MYP History / <b>Geography</b>                                   | <b>Social Studies / AP Humanities</b>  | Social Studies Humanities Civics  |
|                     | Language Arts (40)  | MYP English 9   | MYP English 10   | <b>Language Arts / AP</b>  | <b>Language Arts / AP</b>   |
|                     | Math (30)   | Math  | <b>Math</b>  | <b>Math / AP</b>   | <b>Math / AP</b>  |
|                     | Lab Science (30)  | Science   | <b>Science</b>   | <b>Science / AP</b>  | <b>Science / AP</b>   |
| PATHWAY CLASSES     | Performing Arts<br><small>(*Some courses are not grade specific, but require instructor approval)</small> | Intro to Performance & Communication<br><br>MYP Theater | <b>Advanced Acting &amp; Production</b><br><br>Technical Theatre | IB DP Theatre Arts SL<br>FRCC Theatre 105,<br>Theater Production,<br>Music Theater Production<br>Technical Theatre | IB DP Theatre Arts HL<br>Stagecraft<br>Theater Production,<br>Music Theater Production<br>Technical Theatre |
| WORLD LANGUAGES     | World Language OR World Culture (10)  | World Language OR World Culture                         | <b>World Language / AP</b>                                       | <b>World Language / AP</b>   | <b>World Language / AP</b>  |
| FINE & APPLIED ARTS | Arts (10)   | Visual OR Performing Arts                               | Visual OR Performing Arts  | Visual OR Performing Arts  | Visual OR Performing Arts   |
| HEALTH & WELLNESS   | Health & Wellness (15)  | Physical Education AND / OR Wellness                    | Physical Education AND / OR Wellness                             | Physical Education AND / OR Wellness   | Physical Education AND / OR Wellness  |
| ELECTIVE            | Electives (65)  | MYP Freshman Seminar<br>Electives                       | Electives  | Electives  | Electives   |
| FINANCE & ECONOMICS | Finance & Economics (10)  |   | <b>Financial Planning Economics</b>                              | <b>Financial Planning Economics</b>  | <b>Financial Planning Economics</b>   |

**KEY:**  
Dual Credit Option      Advanced Placement  
Industry Certification\*      IB Diploma Course

**NOTE:** Dual Credit and Certifications offered in most elective courses

# PROGRAM OF STUDY:

## Music

|                     | GRADUATION REQUIREMENTS (240)   | 9TH GRADE   | 10TH GRADE   | 11TH GRADE   | 12TH GRADE   |
|---------------------|---|---|--|--|--|
| CORE CLASSES        | Social Studies / Humanities (30)  | MYP History / Geography   | MYP History / Geography  | Social Studies / AP Humanities   | Social Studies Humanities Civics   |
|                     | Language Arts (40)  | MYP English 9   | MYP English 10   | Language Arts / AP   | Language Arts / AP   |
|                     | Math (30)   | Math  | Math   | Math / AP  | Math / AP  |
|                     | Lab Science (30)  | Science   | Science  | Science / AP   | Science / AP   |
| PATHWAY CLASSES     | Performing Arts<br><small>(*Some courses are not grade specific, but require instructor approval)</small> | Bass or Treble Choir<br>Band or Orchestra<br>Piano 1, Music Production, Piano 2<br>Intro to Performance & Communication<br>Advanced Ensembles | Bass or Treble Choir,<br>Band, Orchestra<br>Piano 1, Music Production, Piano 2<br>Advanced Ensembles | Bass or Treble Choir,<br>Band, Orchestra<br>Piano 1, Music Production, Piano 2<br>Advanced Ensembles | Bass or Treble Choir,<br>Band, Orchestra<br>Piano 1, Music Production, Piano 2<br>Advanced Ensembles |
| WORLD LANGUAGES     | World Language OR World Culture (10)  | World Language OR World Culture   | World Language / AP  | World Language / AP  | World Language / AP  |
| FINE & APPLIED ARTS | Arts (10)   | Visual OR Performing Arts   | Visual OR Performing Arts  | Visual OR Performing Arts  | Visual OR Performing Arts  |
| HEALTH & WELLNESS   | Health & Wellness (15)  | Physical Education AND / OR Wellness  | Physical Education AND / OR Wellness   | Physical Education AND / OR Wellness   | Physical Education AND / OR Wellness   |
| ELECTIVE            | Electives (65)  | MYP Freshman Seminar<br>Electives   | Electives  | Electives  | Electives  |
| FINANCE & ECONOMICS | Finance & Economics (10)  |   | Financial Planning<br>Economics  | Financial Planning<br>Economics  | Financial Planning<br>Economics  |

**KEY:**

Dual Credit Option

Industry Certification\*

Advanced Placement

IB Diploma Course

**NOTE:** Dual Credit and Certifications offered in most elective courses

# PROGRAM OF STUDY: Interior Design

|                     | GRADUATION REQUIREMENTS (240)        | 9TH GRADE  | 10TH GRADE                           | 11TH GRADE                           | 12TH GRADE                           |
|---------------------|--------------------------------------|--|--------------------------------------|--------------------------------------|--------------------------------------|
| CORE CLASSES        | Social Studies / Humanities (30)     | MYP History / Geography  | MYP History / Geography              | Social Studies / AP Humanities       | Social Studies Humanities Civics     |
|                     | Language Arts (40)                   | MYP English 9  | MYP English 10                       | Language Arts / AP                   | Language Arts / AP                   |
|                     | Math (30)                            | Math   | Math                                 | Math / AP                            | Math / AP                            |
|                     | Lab Science (30)                     | Science  | Science                              | Science / AP                         | Science / AP                         |
| PATHWAY CLASSES     | Interior Design                      | MYP Design, Teen Choices, Interpersonal Relationships, Life Management | Interior Design 1 / 2                | FCS Leadership A / B                 | Work-based Learning                  |
| WORLD LANGUAGES     | World Language OR World Culture (10) | World Language OR World Culture  | World Language / AP                  | World Language / AP                  | World Language / AP                  |
| FINE & APPLIED ARTS | Arts (10)                            | Visual OR Performing Arts  | Visual OR Performing Arts            | Visual OR Performing Arts            | Visual OR Performing Arts            |
| HEALTH & WELLNESS   | Health & Wellness (15)               | Physical Education AND / OR Wellness                                   | Physical Education AND / OR Wellness | Physical Education AND / OR Wellness | Physical Education AND / OR Wellness |
| ELECTIVE            | Electives (65)                       | MYP Freshman Seminar Electives   | Electives                            | Electives                            | Electives                            |
| FINANCE & ECONOMICS | Finance & Economics (10)             |  | Financial Planning Economics         | Financial Planning Economics         | Financial Planning Economics         |

**KEY:**  
Dual Credit Option      Advanced Placement  
Industry Certification\*      IB Diploma Course

**NOTE:** Dual Credit and Certifications offered in most elective courses

# PROGRAM OF STUDY:

## Fashion Design

|                     | GRADUATION REQUIREMENTS (240)        | 9TH GRADE  | 10TH GRADE                           | 11TH GRADE                           | 12TH GRADE                           |
|---------------------|--------------------------------------|--|--------------------------------------|--------------------------------------|--------------------------------------|
| CORE CLASSES        | Social Studies / Humanities (30)     | MYP History / Geography  | MYP History / Geography              | Social Studies / AP Humanities       | Social Studies Humanities Civics     |
|                     | Language Arts (40)                   | MYP English 9  | MYP English 10                       | Language Arts / AP                   | Language Arts / AP                   |
|                     | Math (30)                            | Math   | Math                                 | Math / AP                            | Math / AP                            |
|                     | Lab Science (30)                     | Science  | Science                              | Science / AP                         | Science / AP                         |
| PATHWAY CLASSES     | Fashion Design                       | MYP Design, Teen Choices, Interpersonal Relationships, Life Management | Fashion Design 1 / 2                 | FCS Leadership A / B                 | Work-based Learning                  |
| WORLD LANGUAGES     | World Language OR World Culture (10) | World Language OR World Culture  | World Language / AP                  | World Language / AP                  | World Language / AP                  |
| FINE & APPLIED ARTS | Arts (10)                            | Visual OR Performing Arts  | Visual OR Performing Arts            | Visual OR Performing Arts            | Visual OR Performing Arts            |
| HEALTH & WELLNESS   | Health & Wellness (15)               | Physical Education AND / OR Wellness                                   | Physical Education AND / OR Wellness | Physical Education AND / OR Wellness | Physical Education AND / OR Wellness |
| ELECTIVE            | Electives (65)                       | MYP Freshman Seminar Electives   | Electives                            | Electives                            | Electives                            |
| FINANCE & ECONOMICS | Finance & Economics (10)             |  | Financial Planning Economics         | Financial Planning Economics         | Financial Planning Economics         |

**KEY:**

Dual Credit Option

Industry Certification\*

Advanced Placement

IB Diploma Course

**NOTE:** Dual Credit and Certifications offered in most elective courses



# ENGINEERING & DESIGN

**The mission of Poudre's Engineering and Design Pathway** is to advance students' ability to innovate, think critically, and collaborate to solve problems. This pathway combines rigorous academic core content with demanding technical education and real world experiences. Courses provide students the opportunity to apply STEM knowledge, skills, and habits of mind to make the world a better place through innovation.

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## Related Majors

Electrical Engineering  
Mechanical Engineering  
Structural Engineering  
Aerospace Engineering  
Environmental Engineering  
Architecture  
Manufacturing  
Interior Design

## Related Careers

Architect  
Design Engineer  
Electrical Engineer  
Electrician  
Field Engineer  
Materials Engineer  
Mechanical Engineer  
Operations Engineer  
Interior Designer

## Student Organizations

FCCLA  
FIRST Robotics

## Apprenticeships

4 Rivers  
Fort Collins Heating and Air  
Fort Collins Lineman  
Neuworks  
Otterbox  
PMP  
Woodward Governor



# PROGRAM OF STUDY:

## 21st Century Manufacturing

|                     | GRADUATION REQUIREMENTS (240)        | 9TH GRADE                              | 10TH GRADE                           | 11TH GRADE                            | 12TH GRADE                              |
|---------------------|--------------------------------------|--|--------------------------------------|---------------------------------------|---|
| CORE CLASSES        | Social Studies / Humanities (30)     | MYP History / Geography                | MYP History / <b>Geography</b>       | <b>Social Studies / AP Humanities</b> | <b>Social Studies Humanities Civics</b> |
|                     | Language Arts (40)                   | MYP English 9                          | MYP English 10                       | <b>Language Arts / AP</b>             | <b>Language Arts / AP</b>               |
|                     | Math (30)                            | Math                                   | <b>Math</b>                          | <b>Math / AP</b>                      | <b>Math / AP</b>                        |
|                     | Lab Science (30)                     | Science                                | <b>Science</b>                       | <b>Science / AP</b>                   | <b>Science / AP</b>                     |
| PATHWAY CLASSES     | 21st Century Manufacturing           | Principles of Engineering & Technology | <b>FRCC Mechanical Design 1</b>      | Adv. Engineering: Machining & Welding | Robotics 2                              |
|                     |                                      | Principles of Manufacturing            | Metals & Machining Fabrication       | Robotics 1                            | Engineering & Design Capstone           |
| WORLD LANGUAGES     | World Language OR World Culture (10) | World Language OR World Culture        | <b>World Language / AP</b>           | <b>World Language / AP</b>            | <b>World Language / AP</b>              |
| FINE & APPLIED ARTS | Arts (10)                            | Visual OR Performing Arts              | Visual OR Performing Arts            | Visual OR Performing Arts             | Visual OR Performing Arts               |
| HEALTH & WELLNESS   | Health & Wellness (15)               | Physical Education AND / OR Wellness   | Physical Education AND / OR Wellness | Physical Education AND / OR Wellness  | Physical Education AND / OR Wellness    |
| ELECTIVE            | Electives (65)                       | MYP Freshman Seminar Electives         | Electives                            | Electives                             | Electives                               |
| FINANCE & ECONOMICS | Finance & Economics (10)             |  | <b>Financial Planning Economics</b>  | <b>Financial Planning Economics</b>   | <b>Financial Planning Economics</b>     |

**KEY:**  
Dual Credit Option      Advanced Placement  
Industry Certification\*      IB Diploma Course

**NOTE:** Dual Credit and Certifications offered in most elective courses  
 PTECH (Pathways in Technology Early College High School) offered in Manufacturing = Full Associates Degree

# PROGRAM OF STUDY:

## Architecture & Construction

|                     | GRADUATION REQUIREMENTS (240)        | 9TH GRADE  | 10TH GRADE  | 11TH GRADE                            | 12TH GRADE                                 |
|---------------------|--------------------------------------|--|---|---------------------------------------|--|
| CORE CLASSES        | Social Studies / Humanities (30)     | MYP History / Geography                              | MYP History / <b>Geography</b>  | <b>Social Studies / AP Humanities</b> | Social Studies Humanities Civics           |
|                     | Language Arts (40)                   | MYP English 9  | MYP English 10  | <b>Language Arts / AP</b>             | <b>Language Arts / AP</b>                  |
|                     | Math (30)                            | Math   | <b>Math</b>   | <b>Math / AP</b>                      | <b>Math / AP</b>                           |
|                     | Lab Science (30)                     | Science  | <b>Science</b>  | <b>Science / AP</b>                   | <b>Science / AP</b>                        |
| PATHWAY CLASSES     | Architecture & Construction          | Engineering Explorations, Principles of Construction | Geometry in Construction, Woodworking Technology, Construction Technology | <b>Architecture</b>                   | Woodworking Technology II, FRCC Solidworks |
|                     |                                      |  |   | <b>Construction Systems</b>           | Engineering & Design Capstone              |
| WORLD LANGUAGES     | World Language OR World Culture (10) | World Language OR World Culture                      | <b>World Language / AP</b>  | <b>World Language / AP</b>            | <b>World Language / AP</b>                 |
| FINE & APPLIED ARTS | Arts (10)                            | Visual OR Performing Arts                            | Visual OR Performing Arts   | Visual OR Performing Arts             | Visual OR Performing Arts                  |
| HEALTH & WELLNESS   | Health & Wellness (15)               | Physical Education AND / OR Wellness                 | Physical Education AND / OR Wellness                                      | Physical Education AND / OR Wellness  | Physical Education AND / OR Wellness       |
| ELECTIVE            | Electives (65)                       | MYP Freshman Seminar Electives                       | Electives   | Electives                             | Electives                                  |
| FINANCE & ECONOMICS | Finance & Economics (10)             |  | <b>Financial Planning Economics</b>                                       | <b>Financial Planning Economics</b>   | <b>Financial Planning Economics</b>        |

**KEY:**  
Dual Credit Option      Advanced Placement  
Industry Certification\*      IB Diploma Course

**NOTE:** Dual Credit and Certifications offered in most elective courses

# PROGRAM OF STUDY:

## 21st Century Manufacturing

|                     | GRADUATION<br>REQUIREMENTS<br>(240)  | 9TH<br>GRADE                            | 10TH<br>GRADE                           | 11TH<br>GRADE  | 12TH<br>GRADE                        |
|---------------------|--------------------------------------|---|---|--|--------------------------------------|
| CORE CLASSES        | Social Studies / Humanities (30)     | MYP History / Geography                 | MYP History / <b>Geography</b>          | <b>Social Studies / AP Humanities</b>                            | Social Studies Humanities Civics     |
|                     | Language Arts (40)                   | MYP English 9                           | MYP English 10                          | Language Arts / <b>AP</b>  | Language Arts / <b>AP</b>            |
|                     | Math (30)                            | Math                                    | <b>Math</b>                             | <b>Math / AP</b>   | <b>Math / AP</b>                     |
|                     | Lab Science (30)                     | Science                                 | <b>Science</b>                          | <b>Science / AP</b>  | <b>Science / AP</b>                  |
| PATHWAY CLASSES     | Computer Aided Design                | Engineering Explorations                | Engineering Drafting 1                  | 3D Modeling: Engineering Drafting 2<br><i>* also dual credit</i> | <b>Architecture</b>                  |
|                     |                                      | Engineering Skills: Carpentry & Joinery | Engineering Design: Carpentry & Joinery |  | Engineering & Design Capstone        |
| WORLD LANGUAGES     | World Language OR World Culture (10) | World Language OR World Culture         | <b>World Language / AP</b>              | <b>World Language / AP</b>                                       | <b>World Language / AP</b>           |
| FINE & APPLIED ARTS | Arts (10)                            | Visual OR Performing Arts               | Visual OR Performing Arts               | Visual OR Performing Arts  | Visual OR Performing Arts            |
| HEALTH & WELLNESS   | Health & Wellness (15)               | Physical Education AND / OR Wellness    | Physical Education AND / OR Wellness    | Physical Education AND / OR Wellness                             | Physical Education AND / OR Wellness |
| ELECTIVE            | Electives (65)                       | MYP Freshman Seminar Electives          | Electives                               | Electives  | Electives                            |
| FINANCE & ECONOMICS | Finance & Economics (10)             |   | <b>Financial Planning Economics</b>     | <b>Financial Planning Economics</b>                              | <b>Financial Planning Economics</b>  |

**KEY:**

Dual Credit Option

Industry Certification\*

**Advanced Placement**

IB Diploma Course

**NOTE:** Dual Credit and Certifications offered in most elective courses

# ENTREPRENEURSHIP

**The mission of Poudre's Entrepreneurship Pathway** is to prepare students with 21st century skills-- such as innovation, management, collaboration, and risktaking--within a framework of hands-on courses and on-the-job experiences. The Entrepreneurship Pathway includes several lenses such as hospitality, business, marketing, and computer science. The pathway also provides opportunities to earn certifications and college credit from more advanced coursework.

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## Related Majors

Accounting  
Business Administration  
Economics  
Financial Services  
International Business  
Hospitality  
Management  
Marketing  
Computer Science  
Graphic Design  
Culinary Arts

## Related Careers

Accountant  
App Developer  
Software Engineer  
Software Developer  
Web Designer  
Entrepreneur  
Human Resource Specialist  
Event Planner  
Nutritionist  
Chef

## Student Organizations

FCCLA / FBLA / DECA  
Coding Club

## Apprenticeships

Good Samaritan Society  
Stonebridge  
Bank of Colorado



# PROGRAM OF STUDY: Business & Marketing

|                     | GRADUATION REQUIREMENTS (240)        | 9TH GRADE  | 10TH GRADE   | 11TH GRADE   | 12TH GRADE                           |
|---------------------|--------------------------------------|--|--|--|--------------------------------------|
| CORE CLASSES        | Social Studies / Humanities (30)     | MYP History / Geography                            | MYP History / Geography  | Social Studies / AP Humanities   | Social Studies Humanities Civics     |
|                     | Language Arts (40)                   | MYP English 9                                      | MYP English 10   | Language Arts / AP   | Language Arts / AP                   |
|                     | Math (30)                            | Math   | Math   | Math / AP  | Math / AP                            |
|                     | Lab Science (30)                     | Science  | Science  | Science / AP   | Science / AP                         |
| PATHWAY CLASSES     | Business & Marketing                 | Intro to Business<br>FRCC Intro to PC Applications | Business & Marketing Fundamentals of Accounting A, Legal Environment of Business, Principles of Mgmt | FRCC Accounting B, FRCC Social Media for Business, Event Marketing/ Communications, Business Communications, International Marketing | Ethical Leadership<br>AP Economics   |
| WORLD LANGUAGES     | World Language OR World Culture (10) | World Language OR World Culture                    | World Language / AP  | World Language / AP  | World Language / AP                  |
| FINE & APPLIED ARTS | Arts (10)                            | Visual OR Performing Arts                          | Visual OR Performing Arts  | Visual OR Performing Arts  | Visual OR Performing Arts            |
| HEALTH & WELLNESS   | Health & Wellness (15)               | Physical Education AND / OR Wellness               | Physical Education AND / OR Wellness   | Physical Education AND / OR Wellness   | Physical Education AND / OR Wellness |
| ELECTIVE            | Electives (65)                       | MYP Freshman Seminar Electives                     | Electives  | Electives  | Electives                            |
| FINANCE & ECONOMICS | Finance & Economics (10)             |  | Financial Planning Economics   | Financial Planning Economics   | Financial Planning Economics         |

**KEY:**

Dual Credit Option

Industry Certification\*

Advanced Placement

IB Diploma Course

**NOTE:** Dual Credit and Certifications offered in most elective courses

# PROGRAM OF STUDY: Computer Sciences

|                     | GRADUATION REQUIREMENTS (240)  | 9TH GRADE  | 10TH GRADE  | 11TH GRADE  | 12TH GRADE   |
|---------------------|--|--|---|---|--|
| CORE CLASSES        | Social Studies / Humanities (30)   | MYP History / Geography  | MYP History / <b>Geography</b>  | <b>Social Studies / AP Humanities</b>   | <b>Social Studies Humanities Civics</b>  |
|                     | Language Arts (40)   | MYP English 9  | MYP English 10  | <b>Language Arts / AP</b>   | <b>Language Arts / AP</b>  |
|                     | Math (30)  | Math   | <b>Math</b>   | <b>Math / AP</b>  | <b>Math / AP</b>   |
|                     | Lab Science (30)   | Science  | <b>Science</b>  | <b>Science / AP</b>   | <b>Science / AP</b>  |
| PATHWAY CLASSES     | Computer Science<br>Game Developer<br>-----<br>Web Developer<br>-----<br>Software Engineer | Computer Science Foundations<br>Game Design A<br>-----<br>CS Foundations<br><b>Web Design A</b><br>-----<br>Computer Science Foundations | Game Design B<br>-----<br><b>Web Design B</b><br>-----<br>Game Design A / B<br>Web Design A / B | <b>AP Computer Science Principles</b><br>-----<br><b>AP Computer Science Principles</b><br>-----<br><b>AP Computer Science Principles</b> | Computer Science Capstone* Unity<br>-----<br>Computer Science Capstone* HTML/CSS<br>-----<br>Computer Science Capstone* Python or Java<br><b>IB Computer Science</b> |
| WORLD LANGUAGES     | World Language OR World Culture (10)   | World Language OR World Culture  | <b>World Language / AP</b>  | <b>World Language / AP</b>  | <b>World Language / AP</b>   |
| FINE & APPLIED ARTS | Arts (10)  | Visual OR Performing Arts  | Visual OR Performing Arts   | Visual OR Performing Arts   | Visual OR Performing Arts  |
| HEALTH & WELLNESS   | Health & Wellness (15)   | Physical Education AND / OR Wellness   | Physical Education AND / OR Wellness  | Physical Education AND / OR Wellness  | Physical Education AND / OR Wellness   |
| ELECTIVE            | Electives (65)   | MYP Freshman Seminar Electives   | Electives   | Electives   | Electives  |
| FINANCE & ECONOMICS | Finance & Economics (10)   |  | <b>Financial Planning Economics</b>   | <b>Financial Planning Economics</b>   | <b>Financial Planning Economics</b>  |

**KEY:**  
Dual Credit Option      Advanced Placement  
Industry Certification\*      IB Diploma Course

**NOTE:** Dual Credit and Certifications offered in most elective courses

# PROGRAM OF STUDY:

## Culinary Arts

|                     | GRADUATION REQUIREMENTS (240)        | 9TH GRADE   | 10TH GRADE                           | 11TH GRADE   | 12TH GRADE   |
|---------------------|--------------------------------------|---|--------------------------------------|--|--|
| CORE CLASSES        | Social Studies / Humanities (30)     | MYP History / Geography                           | MYP History / <b>Geography</b>       | <b>Social Studies / AP Humanities</b>  | Social Studies Humanities Civics                               |
|                     | Language Arts (40)                   | MYP English 9                                     | MYP English 10                       | <b>Language Arts / AP</b>  | <b>Language Arts / AP</b>                                      |
|                     | Math (30)                            | Math  | <b>Math</b>                          | <b>Math / AP</b>   | <b>Math / AP</b>   |
|                     | Lab Science (30)                     | Science   | <b>Science</b>                       | <b>Science / AP</b>  | <b>Science / AP</b>  |
| PATHWAY CLASSES     | Culinary Arts                        | Culinary Nutrition, Teen Choices, Life Management | <b>Catering I &amp; II</b>           | <b>Catering I, Catering II, FRCC Food Safety &amp; Sanitation, FRCC Intro to Foods</b> | Serve Safe Managerial 5-Year Certification Work-based Learning |
| WORLD LANGUAGES     | World Language OR World Culture (10) | World Language OR World Culture                   | <b>World Language / AP</b>           | <b>World Language / AP</b>   | <b>World Language / AP</b>                                     |
| FINE & APPLIED ARTS | Arts (10)                            | Visual OR Performing Arts                         | Visual OR Performing Arts            | Visual OR Performing Arts  | Visual OR Performing Arts                                      |
| HEALTH & WELLNESS   | Health & Wellness (15)               | Physical Education AND / OR Wellness              | Physical Education AND / OR Wellness | Physical Education AND / OR Wellness   | Physical Education AND / OR Wellness                           |
| ELECTIVE            | Electives (65)                       | MYP Freshman Seminar Electives                    | Electives                            | Electives  | Electives  |
| FINANCE & ECONOMICS | Finance & Economics (10)             |   | <b>Financial Planning Economics</b>  | <b>Financial Planning Economics</b>  | <b>Financial Planning Economics</b>                            |

**KEY:**

Dual Credit Option

Industry Certification\*

Advanced Placement

IB Diploma Course

**NOTE:** Dual Credit and Certifications offered in most elective courses



# HEALTH SCIENCES & HUMAN SERVICES

**The mission of Poudre's Health Science and Human Services Pathway** is to develop students' ethic of service and leadership skills. Students have the opportunity to focus on their area of interest, whether it be education, health, medicine or other service-related field in order to gain hands-on experience, learn social responsibility, and ultimately impact positive change in their world. This pathway utilizes hands-on, project-based curriculum in which all students have the opportunity to learn and become responsible, productive citizens of the 21st Century.



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## Related Majors

Biological Sciences  
Chemistry & Chemical Physics  
Health Science & Nursing  
Nutrition & Public Health  
Pharmacology  
Psychology  
Education  
Non-profit management  
Law Enforcement

## Student Organizations

FCCLA  
HOSA  
Science Bowl  
Science Olympiad

## Related Careers

Medical Technician  
Nurse  
Doctor  
Dietician/Nutritionist  
Geneticist  
Occupational Therapist  
Psychologist  
Law Enforcement Officer  
Teacher  
Non-Profit Manager

## Apprenticeships

Columbine Health Systems  
Good Samaritan Society  
Tolmar Pharmaceuticals

# PROGRAM OF STUDY: Education

|                     | GRADUATION REQUIREMENTS (240)        | 9TH GRADE  | 10TH GRADE  | 11TH GRADE                              | 12TH GRADE  |
|---------------------|--------------------------------------|--|---|---|---|
| CORE CLASSES        | Social Studies / Humanities (30)     | MYP History / Geography                          | MYP History / <b>Geography</b>  | <b>Social Studies / AP Humanities</b>   | Social Studies Humanities Civics                                |
|                     | Language Arts (40)                   | MYP English 9                                    | MYP English 10  | <b>Language Arts / AP</b>               | <b>Language Arts / AP</b>                                       |
|                     | Math (30)                            | Math   | <b>Math</b>   | <b>Math / AP</b>                        | <b>Math / AP</b>  |
|                     | Lab Science (30)                     | Science  | <b>Science</b>  | <b>Science / AP</b>                     | <b>Science / AP</b>   |
| PATHWAY CLASSES     | Education                            | Introduction to Health Sciences & Human Services | Teen Choices OR Child Development, Interpersonal Relationships, Life Management | <b>FRCC Early Childhood Education I</b> | <b>FRCC Early Childhood Education II</b><br>Work-based Learning |
| WORLD LANGUAGES     | World Language OR World Culture (10) | World Language OR World Culture                  | <b>World Language / AP</b>  | <b>World Language / AP</b>              | <b>World Language / AP</b>                                      |
| FINE & APPLIED ARTS | Arts (10)                            | Visual OR Performing Arts                        | Visual OR Performing Arts   | Visual OR Performing Arts               | Visual OR Performing Arts                                       |
| HEALTH & WELLNESS   | Health & Wellness (15)               | Physical Education AND / OR Wellness             | Physical Education AND / OR Wellness  | Physical Education AND / OR Wellness    | Physical Education AND / OR Wellness                            |
| ELECTIVE            | Electives (65)                       | MYP Freshman Seminar Electives                   | Electives   | Electives                               | Electives   |
| FINANCE & ECONOMICS | Finance & Economics (10)             |  | <b>Financial Planning Economics</b>   | <b>Financial Planning Economics</b>     | <b>Financial Planning Economics</b>                             |

**KEY:**

Dual Credit Option

Industry Certification\*

Advanced Placement

IB Diploma Course

**NOTE:** Dual Credit and Certifications offered in most elective courses

# PROGRAM OF STUDY:

## Health Sciences

|                     | GRADUATION REQUIREMENTS (240)        | 9TH GRADE  | 10TH GRADE  | 11TH GRADE  | 12TH GRADE  |
|---------------------|--------------------------------------|--|---|---|---|
| CORE CLASSES        | Social Studies / Humanities (30)     | MYP History / Geography                          | MYP History / <b>Geography</b>  | <b>Social Studies / AP Humanities</b>   | Social Studies Humanities Civics  |
|                     | Language Arts (40)                   | MYP English 9                                    | MYP English 10  | <b>Language Arts / AP</b>   | <b>Language Arts / AP</b>   |
|                     | Math (30)                            | Math   | <b>Math</b>   | <b>Math / AP</b>  | <b>Math / AP</b>  |
|                     | Lab Science (30)                     | Science  | <b>Science</b>  | <b>Science / AP</b>   | <b>Science / AP</b>   |
| PATHWAY CLASSES     | Health Sciences                      | Introduction to Health Sciences & Human Services | Health & Wellness, Anatomy & Physiology, Sports Medicine, Life Management | FRCC Medical Careers Exploration<br><i>*also dual credit</i><br>Human Nutrition<br>Fitness & Wellness | FRCC Medical Careers Exploration<br><i>*Certified Nursing Asst.</i><br>Athletic Training<br>Work-based Learning |
| WORLD LANGUAGES     | World Language OR World Culture (10) | World Language OR World Culture                  | <b>World Language / AP</b>  | <b>World Language / AP</b>  | <b>World Language / AP</b>  |
| FINE & APPLIED ARTS | Arts (10)                            | Visual OR Performing Arts                        | Visual OR Performing Arts   | Visual OR Performing Arts   | Visual OR Performing Arts   |
| HEALTH & WELLNESS   | Health & Wellness (15)               | Physical Education AND / OR Wellness             | Physical Education AND / OR Wellness                                      | Physical Education AND / OR Wellness  | Physical Education AND / OR Wellness  |
| ELECTIVE            | Electives (65)                       | MYP Freshman Seminar<br>Electives                | Electives   | Electives   | Electives   |
| FINANCE & ECONOMICS | Finance & Economics (10)             |  | <b>Financial Planning Economics</b>                                       | <b>Financial Planning Economics</b>   | <b>Financial Planning Economics</b>   |

**KEY:**

Dual Credit Option

Industry Certification\*

Advanced Placement

IB Diploma Course

**NOTE:** Dual Credit and Certifications offered in most elective courses

# PROGRAM OF STUDY: Nonprofit Management

|                     | GRADUATION<br>REQUIREMENTS<br>(240)  | 9TH<br>GRADE                                     | 10TH<br>GRADE  | 11TH<br>GRADE  | 12TH<br>GRADE                                   |
|---------------------|--------------------------------------|--|--|--|---|
| CORE CLASSES        | Social Studies / Humanities (30)     | MYP History / Geography                          | MYP History / <b>Geography</b>   | <b>Social Studies / AP Humanities</b>  | Social Studies Humanities Civics                |
|                     | Language Arts (40)                   | MYP English 9                                    | MYP English 10   | <b>Language Arts / AP</b>  | <b>Language Arts / AP</b>                       |
|                     | Math (30)                            | Math   | <b>Math</b>  | <b>Math / AP</b>   | <b>Math / AP</b>                                |
|                     | Lab Science (30)                     | Science  | <b>Science</b>   | <b>Science / AP</b>  | <b>Science / AP</b>                             |
| PATHWAY CLASSES     | Nonprofit Management                 | Introduction to Health Sciences & Human Services | Service Learning or International Business or Management or Current World Affairs Student Leadership | Service Learning or International Business or Management or Current World Affairs Student Leadership | Service Learning Capstone<br>Student Leadership |
| WORLD LANGUAGES     | World Language OR World Culture (10) | World Language OR World Culture                  | <b>World Language / AP</b>   | <b>World Language / AP</b>   | <b>World Language / AP</b>                      |
| FINE & APPLIED ARTS | Arts (10)                            | Visual OR Performing Arts                        | Visual OR Performing Arts  | Visual OR Performing Arts  | Visual OR Performing Arts                       |
| HEALTH & WELLNESS   | Health & Wellness (15)               | Physical Education AND / OR Wellness             | Physical Education AND / OR Wellness   | Physical Education AND / OR Wellness   | Physical Education AND / OR Wellness            |
| ELECTIVE            | Electives (65)                       | MYP Freshman Seminar<br>Electives                | Electives  | Electives  | Electives                                       |
| FINANCE & ECONOMICS | Finance & Economics (10)             |  | <b>Financial Planning Economics</b>  | <b>Financial Planning Economics</b>  | <b>Financial Planning Economics</b>             |

**KEY:**

Dual Credit Option

Industry Certification\*

Advanced Placement

IB Diploma Course

**NOTE:** Dual Credit and Certifications offered in most elective courses

# INTERNATIONAL BACCALAUREATE

**At PHS, the IB Middle Years Program (MYP) philosophy** is implemented in all classrooms. In the IB Pre-Diploma pathway students can expect classes that move at a quick pace, an increase in reading and writing, and to complete service hours and a personal project. This pathway encourages students to consider different perspectives, promotes understanding of other cultures and ideas, and prepares students with the skills needed to be successful in whatever path they choose whether it is the IB Diploma Program, AP, Concurrent Enrollment or general education courses.



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## Related Majors & Careers

We've had IB graduates major in everything from Environmental Sciences to Fine Art, Engineering, Business Administration, Health Sciences, Theatre, and Psychology. The IB Diploma affords students a wellrounded education that supports students pursuing higher education and careers in a variety of areas.

### Student Organizations

IB Student Leadership  
*\*All school-sponsored and student-initiated clubs are available to pre-diploma pathway students.*

### Apprenticeships

Apprenticeships are open to all IB pre-Diploma Pathway students. Fields include healthcare, information technology, manufacturing, trades, finance, culinary, and hospitality.

# PROGRAM OF STUDY: Animal Sciences

|                     | GRADUATION REQUIREMENTS (240)                   | 9TH GRADE   | 10TH GRADE  | 11TH GRADE   | 12TH GRADE   |
|---------------------|---|---|---|--|--|
| CORE CLASSES        | Social Studies / Humanities (30)                | MYP History / Geography 1   | MYP History / Geography 2   | History of the Americas  | Contemporary World Politics  |
|                     | Language Arts (40)                              | MYP English 9   | MYP English 10  | Language A: Literature   | Language A: Literature   |
|                     | Math (30)                                       | Math  | Math  | Math / Math / AP   | Math / Math / AP   |
|                     | Lab Science (30)                                | Science   | Science   | Science / AP   | Science / AP   |
| PATHWAY CLASSES     | Students select courses from any other pathway. |   |   | Students choose a 6th IB diploma course of their choosing.                       | Students choose a 6th IB diploma course of their choosing.                       |
| WORLD LANGUAGES     | World Language OR World Culture (10)            | World Language<br>Spanish, French or German 1-5                                     | World Language  | World Language<br>World Language   | World Language<br>World Language   |
| FINE & APPLIED ARTS | Arts (10)                                       | Visual Arts<br>Performing Arts<br>Applied Arts<br>(One Semester: Meets MYP Level 4) | Visual Arts<br>Performing Arts<br>Applied Arts<br>(One Semester: Meets MYP Level 5) | Visual Art, Music Theory, & Theatre options for students interested in the arts. | Visual Art, Music Theory, & Theatre options for students interested in the arts. |
| HEALTH & WELLNESS   | Health & Wellness (15)                          | Physical Education AND / OR Wellness  | Physical Education AND / OR Wellness  | Physical Education AND / OR Wellness   | Physical Education AND / OR Wellness   |
| ELECTIVE            | Electives (65)                                  | MYP Freshman Seminar<br>Electives   | Electives   | Electives  | Electives  |
| FINANCE & ECONOMICS | Finance & Economics (10)                        |   | Financial Planning<br>Economics   | Financial Planning<br>Economics  | Financial Planning<br>Economics  |

**KEY:**

Dual Credit Option

Industry Certification\*

Advanced Placement

IB Diploma Course

**NOTE:** Dual Credit and Certifications offered in most elective courses

Poudre High School's Counseling Department provides additional resources to help parents and students navigate their 4-year journey.

Please visit the Poudre High School website for additional resources.

<http://www.phscounseling.org>

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Included in the Curriculum Guide resources are:

- Courses and course descriptions listed by subject area
- Explanations of dual credit through Front Range Community College
- ASCENT Information
- Adjusted GPA explanation
- Middle school courses offering high school credit
- Additional education opportunities
- Higher education admissions requirements
- NCAA requirements
- Graduation requirements for graduating classes of 2021, 2022, and 2023+



## UBUNTU

*“I am who I am because of who we are.”*

At PHS, we live by the philosophy of Ubuntu — the essence of being human.

“Ubuntu speaks particularly about the fact that you can't exist as a human being in isolation. It speaks about our interconnectedness. We think of ourselves far too frequently as just individuals, separated from one another, whereas you are connected and what you do affects the whole world. When you do well, it spreads out; it is for the whole of humanity.”

That's why we're in this together—students, parents, counselors, teachers and staff. Your success is our success! Ubuntu!

I AM WHO I AM  
BECAUSE OF  
WHO WE ARE

**WE ARE POUUDRE**

