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# Curriculum

#### Overview

FHS offers both a college preparatory curriculum and an advanced (weighted) level curriculum that consists of Pre IB, IB, AP, and additional advanced courses. Enrollment in all programs is open to all students.

#### Advanced (Weighted) Curriculum

#### IB, AP, and Additional Advanced Courses:

FHS has intentionally woven together the best of the IB and the AP curricula, to create a highly enriched, advanced (weighted) curriculum. Students can choose to pursue the IB diploma, IB certificates in specific subjects and/or AP courses.

Because of the FHS IB/AP curriculum, completion of an IB class may also prepare students for AP tests in the subject without having taken a specific AP course for that subject. For example, a student who completes IB Economics could take the IB Economics SL exam and both the AP Microeconomics and AP Macroeconomics exams. Likewise, upon completion of IB Chemistry 2 SL, students are prepared to take both the IB and AP exam in Chemistry.

#### **BVSD Pre IB (PIB) Courses:**

This is a term specific to the Boulder Valley School District (BVSD) and denotes advanced (weighted) level courses in grades 9-10 that prepare students for IB and AP courses in grades 11-12. A PIB course goes beyond the curriculum expectations of a standard college preparatory course by increasing the depth and complexity of the subject. Students in PIB courses are engaged in dynamic, high-level learning, and the pace of the course is more accelerated than that of a standard college preparatory course.



# Fairview High School Boulder, Colorado

2021-2022 College Admission Profile

## School and Community Description

Fairview High School (FHS) is located in Boulder, Colorado, home of the University of Colorado. Boulder is a scholarly community of 105,000 residents dedicated to education, technology, the arts and recreation. FHS, established in 1960, is a comprehensive four-year public high school with a rich tradition of providing students a rigorous academic program. This is accomplished under the guidance of 120 faculty members, averaging 14 years of teaching experience with 79 masters' and 7 doctoral degrees. Our curriculum is designed to challenge the potential of each student and includes a college preparatory curriculum, and an advanced level curriculum (weighted); details below. FHS also has an extensive program for students with special learning needs.

Fairview is the only IB school in Colorado (of 32) continuously awarded U.S. News' highest ranking (Gold) since the inception of the ranking system. FHS was ranked by the Washington Post as the 4<sup>th</sup> Best Challenging High School in Colorado and 304<sup>th</sup> (top 2%) in the nation for 2015.

Students who graduate from FHS are prepared to be highly successful in a globally competitive society. They are accomplished academically and also excel in sports, music and the arts. Our school is home to 25 varsity sports, 8 choirs, 5 bands, 2 orchestras, multiple theater productions and more than 50 clubs. Students routinely win awards and state championships in athletic, artistic and scholarly competitions. At the national level, our students have been selected as U.S. Presidential Scholars and have won titles at the Intel Science Talent Search and National History Day competitions.

#### Covid-19 Update

As a result of the COVID-19 pandemic, Fairview High School has been impacted in terms of the delivery of our curriculum, Spring 2020 grading systems, transcripts and scheduling. Our school adopted a remote learning platform from March 2020 and throughout the 2020-2021 school year. During this time, students may have elected to earn a "P" (pass) grade or were given "NG" (no grade) if they didn't complete adequate work to earn credit in the class. Please refer to the School Information section on Naviance or our school website for additional information.

| Enrollment  |                                   | Demo   | graphi                      | cs                      |          |                  |          |
|---|-----------------------------------|--|-----------------------------|-------------------------|----------|------------------|----------|
| Boulder Valley School District (BVSD):<br>FHS Student Body 2021-2022: | 30,000 students<br>1,980 students | White:<br>Hispanic:<br>* Self-Reported         | 71%<br>11%<br>d Ethnicities | Asian:<br>Multi-Ethnic: | 9%<br>7% | Black:<br>Other: | 1%<br>1% |
| FHS Class of 2022: 501 students                                       |                                   | Students in Free and/or Reduced Lunch Program: |                             |                         | 10%      |                  |          |

Advanced (Weighted ) Curriculum

17 PIB, 18 IB, 12 IB/AP, 8 AP, and 8 Advanced Courses

#### Language Arts

## BVSD PIB Language Arts Gr 9 BVSD PIB Language Arts Gr 10 AP English Language & Comp IB Language Arts Gr 11 AP English Literature & Comp IB Language Arts HL Gr 12

#### **Social Sciences**

BVSD PIB Geography BVSD PIB Government BVSD PIB/AP US History \* AP United States History IB World History IB Knowledge IB/AP Economics SL IB World History HL Americas

#### **Computer Science**

AP Computer Science Principles IB/AP Computer Science

#### Business

IB Business & Management

Mathematics BVSD PIB Geometry Honors Algebra 2 Advanced BVSD PIB Algebra 2 & 3 Pre-Calculus Advanced IB/AP Elementary Functions IB/AP Calculus 1 AP Calculus AB IB Math SL AP Calculus BC AP Statistics IB Math HL Calculus 2 (Further Single Variable Topics) Calculus 3 (Multivariable)

#### Science

BVSD PIB Chemistry/Physics 1 BVSD PIB Biology 1 IB Chemistry 1 HS Physics Advanced IB Physics 1 IB/AP Environmental Science IB/AP Biology 2 HL IB/AP Biochemistry HL IB/AP Chemistry 2 IB/AP Physics 2 Research Seminar in Science

# World Languages

BVSD PIB Spanish 2 BVSD PIB Spanish 3 Spanish 4 IB Spanish 4 IB/AP Spanish 5 HL BVSD PIB French 2 BVSD PIB French 3 IB French 4 IB/AP French 5 HL BVSD PIB Latin 2 BVSD PIB Latin 3 Latin 4 IB Latin 4 AP Latin 5 IB Latin 5 HL

Film/Art

IB Visual Arts SL/HL IB Film SL IB Film HL

\* AP US History Exam and National History Day participation required

# **Graduation Requirements**

In the Boulder Valley School District a student must successfully complete a minimum of 220 credits in grades 9-12, and 100 of these credits must be earned in grades 11-12. Ten credits are equivalent to one full year of study in a specific subject. Completion of coursework in Money Management and Personal Finance is also required.

| Language Arts  | 40 credits | Physical Ed    | 15 credits |
|----------------|------------|----------------|------------|
| Social Studies | 30 credits | Health         | 5 credits  |
| Math           | 30 credits | Fine Arts      | 5 credits  |
| Science        | 20 credits | Practical Arts | 5 credits  |
| World Language | 10 credits | Electives      | 75 credits |

#### Academic Year and Schedule

Fairview is on a 2-semester system with an 8-period day, and a semiblock schedule is used on Wednesday and Thursday.

#### **GPA / Class Rank**

- FHS offers both unweighted (max of 4.0 GPA value) and weighted (max of 5.0 GPA value) courses.
- Weighted courses consist of PIB, IB, AP, and additional advanced courses.
- All courses in grades 9-12 with a letter grade of A-F are used in computing the student's GPA.
- The GPA that appears on the transcript is weighted (BVSD policy) and calculated based on the average of the grades from all unweighted and weighted courses.
- It is important to note that many electives taken by FHS students for personal interest and challenge are not weighted; even a high grade in these classes may lower a student's weighted GPA.
- Class rank is not reported per BVSD policy.

| Class of 2022 | Weighted | Unweighted |
|---------------|----------|------------|
| Highest GPA   | 4.918    | 4.0        |
| Average GPA   | 4.043    | 3.64       |

# AP and IB Program Results

Traditionally over 80% of FHS seniors take AP and/or IB courses. Approximately 15% of FHS seniors are IB diploma candidates, and over 95% of these students successfully complete the IB diploma.

## **AP STATISTICS**

| Class of | Students<br>Taking AP<br>Exams | Total Exams<br>Taken | AP Subjects<br>Offered by<br>FHS | AP Scholars<br>Overall* |
|----------|--------------------------------|----------------------|----------------------------------|-------------------------|
| 2019     | 754                            | 1,393                | 21                               | 231                     |
| 2020     | 704                            | 1,227                | 19                               | 248                     |
| 2021     | 655                            | 1,102                | 21                               | 212                     |

\* Represents total of all levels including AP Scholar with Honor, AP Scholar with Distinction and AP National Scholar.

## **IB STATISTICS**

| Class<br>of | Students<br>Taking<br>Exams | IB Subjects<br>Offered by<br>FHS | IB Diploma<br>Candidates | Earned IB<br>Diploma | Highest<br>Points<br>(Diploma) |
|-------------|-----------------------------|----------------------------------|--------------------------|----------------------|--------------------------------|
| 2019        | 248                         | 25                               | 56                       | 56                   | 44                             |
| 2020        | 245                         | 25                               | 43                       | 41                   | 43                             |
| 2021        | 252                         | 25                               | 39                       | 37                   | 44                             |

# National Merit Program Results

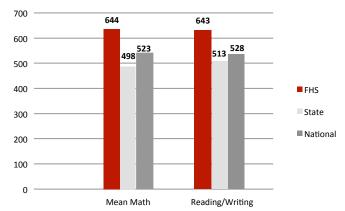
Fairview has a long tradition of producing National Merit Scholars, with approximately 5% of each class becoming National Merit Finalists.

### NATIONAL MERIT STATISTICS

| Class of | Class Size | Commended | Semi-Finalists | Finalists |
|----------|------------|-----------|----------------|-----------|
| 2020     | 540        | 27 (5.0%) | 28 (5.2%)      | 28 (5.2%) |
| 2021     | 537        | 27 (5.0%) | 30 (5.6%)      | 28 (5.2%) |
| 2022     | 501        | TBD       | 26 (5.2%)      | TBD       |

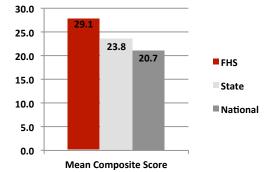
## SAT<sup>®</sup> I and ACT Results

Fairview students achieve SAT and ACT scores well above the state and national averages.



#### **CLASS OF 2020 SAT STATISTICS**

#### CLASS OF 2020 ACT STATISTICS



## FHS College Statistics\*

|  | Historical Average |
|--|--------------------|
| Number of colleges where FHS seniors received acceptance | 300                |
| Number of colleges attended in US, Canada & UK           | 130                |
| Percent of students attending                            |                    |
| 4-year colleges  | 85%                |
| 2-year colleges  | 7%                 |
| In state colleges  | 55%                |
| Out of state colleges                                    | 45%                |

\* Table does not reflect students who enlist in the military, take a gap year, or attend vocational institutions.