



# Wilson High School

Academic rigor and college prep focus with strong arts, music, and athletics in a supportive, caring community





## THE WILSON WAY



### Wilson Counseling Department

Back row, left to right: Sharon Dailey (Counseling Department Secretary), Sheila Kendall, Julie Fleming, Lauryn Files  
Front row, left to right: Keith Brown, Danny Bradach

Thank you for considering Wilson High School as a partner in the education of your child. As you will discover in these pages, Wilson has unparalleled opportunities in the arts, sciences, computer science, math and humanities as well as the largest and most diverse Advanced Placement program in the area. Wilson has consistently been ranked among the best high schools (public and private) in the State of Oregon by ODE and other school ranking publications. Wilson really does have it all, and we deliver an exceptional high school experience for our students.

Underpinning everything that goes on in our building is a strong focus on school climate and creating an atmosphere where all students can reach their potential in mind, body, and spirit. We call it the Wilson Way, and it articulates our school's behavioral norms and expectations in the classroom, around the school campus and within the community. We encourage everyone in our community to embrace it—students, staff and parents alike.

### Counselor Assignments:

Student last names A-C: Sheila Kendall

Student last names D-H (class of 2019), last names D-Ho (class of 2020 and beyond): Keith Brown

Student last names I-M (class of 2019), last names Hp-Mi (class of 2020 and beyond): Julie Fleming

Student last names N-Sn (class of 2019), last names Mi-Sh (class of 2020 and beyond): Danny Bradach

Student last names So-Z (class of 2019), last names Si-Z (class of 2020 and beyond): Lauryn Files



## Wilson quick facts:

- Wilson's 2018 enrollment – 1550
- Percentage of 2018 graduates attending college – 85
- SAT, ACT and AP scores exceed state and national averages
- AP Exams taken in 2018 – 937
- Number of students who took AP exams in 2018 – 359
- Percent of AP students scoring high enough to earn college credit (3+) – 76
- Diverse and rigorous course work
- 24 AP courses – Option for Advanced Placement International Diploma
- 13 dual high school/college credit courses
- Four-year computer science program
- Five world languages offered: French, German, Spanish, Mandarin, American Sign Language
- Mindful Studies Class
- Athletics – 23 sports teams (PIL and rec)
- Turfed stadium field and other athletic facilities upgrades
- Arts – More than 35 arts courses including choir, band, orchestra, theatre, visual arts, metals and wood work
- Over 60 clubs and extracurricular activities

At Wilson High School, our mission is to educate young people in every capacity, mind, body, and spirit, fostering students' core intellectual capacities and habits of mind and heart that will allow them to lead deeply engaged, productive, and meaningful lives.

# ninth grade



Freshman year is a time of transition to a new schedule in a big new building, with new faces, new subjects, and a new level of challenge.

This year marks the beginning of a four-year curriculum that will prepare students for graduation, college, and career. Wilson counselors start the forecasting process with visits to 8th-graders at our PPS feeder schools. If your student attends a different school, email the counseling secretary Sharon Dailey ([sdailey@pps.net](mailto:sdailey@pps.net)) to discuss additional opportunities for registration and forecasting.

During forecasting, students work with counselors and their parents to plan their courses for freshman year. In the spring, we also invite all our incoming 8th-graders to attend a campus visit to get a sneak peek at the energy and excitement that is part of the high school years.

To ensure a successful transition to high school, freshmen take English, Modern World History and Physics in 9th-grade communities, small learning environments taught by a team of teachers. These small communities quickly break down the large size and anonymous feel of high school so students will be known well by their instructors and in turn adjust quickly and successfully to their new environment.

Ninth-graders are enrolled in College and Career Exploration, a college and career education course with a focus on writing and communicating. The goal of this course is to give students the confidence, knowledge, and skills that lead to success in both high school and adulthood. Some students may also take a math support course or have a study hall. Students with Individual Learning Programs (IEP's) will also have a period of Academic Support.

And of course there are extra-curricular activities, which round out a student's high school experience and help create new friendships and build community. From sports to Model United Nations to Chess Club, there are plenty to choose from!



### Required Courses for freshmen

- English 1-2
- Math (Algebra 1-2 , Geometry 1-2, Advanced Algebra 3-4; placement is based on courses completed prior to the start of Freshman year)
- Physics
- Modern World History
- Physical Education
- College & Career Exploration/ Health 1

### Elective Courses available to freshmen

- World Languages: French, Spanish (placement is based on courses completed prior to the start of Freshman year), American Sign Language, Mandarin, German
- Fine Arts (Draw/Paint/Print, Photography)
- Performing Arts (Band, Choir, Theater/Drama, Stagecraft, Guitar)
- Woods/Metals Shop
- AVID
- Computer Science/Programming
- Marketing/Business
- Yoga
- Dance
- Journalism, Yearbook

### AVID (Advancement Via Individual Determination):

An elective course that prepares all students for college and other postsecondary opportunities by developing learning, study and academic behavioral skills that are essential to success in rigorous coursework. Students will develop writing, inquiry, collaboration, organization, and reading skills that will positively impact their achievement in high school and beyond.

### Link Crew:

Connects all 9th-grade students with an upperclass student mentor to assure a smooth transition to high school. Link Crew helps freshmen feel comfortable in their new high school, setting them up for a successful 9th-grade year. The transition to high school is a big step, and we are committed to making it successful for every student at Wilson.



# humanities



## Social Studies

The Wilson High School Social Studies Department is committed to providing a rigorous, thought-provoking and multicultural experience for our students. We offer a wide array of classes that are designed to challenge students to think critically and understand the importance of each discipline and how the social sciences impact who we are as individuals and as a society.

## English Language Arts

The English Language Arts program emphasizes the development of communication skills for each student. Both regular and AP English classes provide opportunities for students in reading, composition, speaking, language development and critical thinking. All courses are designed to meet the requirements of state assessment standards. All language arts education at Wilson prepares students for future college-level courses as well as careers beyond graduation.

## World Languages

Enter a world language classroom and you will hear the buzz and excitement of students speaking another language. World Languages courses at Wilson emphasize spontaneous speaking and writing in the chosen language. We encourage students to learn about the culture and customs that accompany a new language and whenever possible, to interact with native speakers. Wilson students and families regularly host cultural exchange students from around the world and frequently choose to spend a summer, if not an academic year, traveling and learning abroad.

## Social Studies Courses

- Modern World History
- US History
- Economics/Government
- AP Microeconomics
- AP Macroeconomics
- AP Comparative Government and Politics
- AP US Government and Political Science
- AP US History
- AP World History
- AP Psychology
- Philosophy
- Leadership
- Government and Economics (Constitution Team)
- AP Art History
- AP Human Geography
- Anthropology
- Ethnic Studies
- Social Justice

## Extracurriculars

- Mock Trial
- Model United Nations
- Speech & Debate

academic rigor and college prep focus



## Sophomore Community

The Community concept introduced in 9th grade will continue in sophomore year with an interdisciplinary study in US History and American Literature. Common themes will weave the content together while continuing the supportive environment of the Community. The Chemistry science requirement for all sophomores rounds out the sophomore community.

### Language Arts Courses

- English 1-2\*
- English 3-4\*
- English 5-6
- English 7-8
- AP English Literature and Composition
- AP English Language and Composition
- Creative Writing
- English as a Second Language Levels 1-4
- English Language Development Levels 1-4
- Yearbook Publication – The Trojan
- Journalism – The Trojan Horse Magazine

\* Honors designation available

### World Languages

- Spanish 1-8
- AP Spanish
- French 1-8
- AP French
- German 1-4
- Mandarin 1-4
- American Sign Language 1- 6

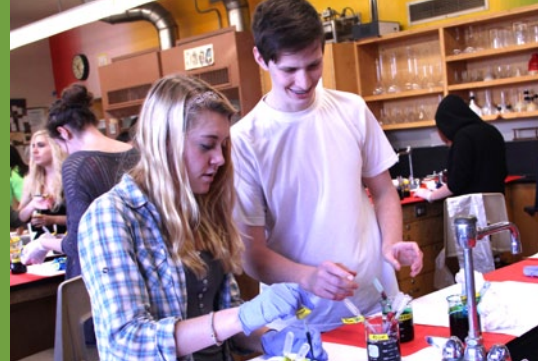
“ More than anything, Wilson provided me with opportunities for success. I was put in classes with teachers who love the subject they teach, which opened doors for me to explore subjects I had originally thought intimidating or uninteresting. For example, Physics with Ms. Feller set the stage for me to pursue a physics major in college. Other opportunities came in the form of job shadowing and internships. The College and Career Center even hooked me up with a mini-internship at Nike! I'm grateful for all the doors that Wilson opened for me academically, professionally, and in terms of the invaluable connections I made with teachers, mentors, and friends. ”

### Liam Reese

Class of 2014

Graduate of Pomona College

# sciences, math & computer science



## Science Department

Wilson High School offers one of the best laboratory-oriented science programs in the state, offering a full range of rigorous core and elective science classes that include many courses that prepare students for Advanced Placement exams. Our highly qualified science faculty is active at the district and state level in science education and have presented at international conferences.

In addition to our courses, Wilson offers many other opportunities for students who are interested in exploring science. We have many clubs (both science and non-science related) where students can indulge in their favorite hobbies or learn more about fields of interest to them. Many students qualify for ASE (Apprenticeships in Science and Engineering) internships and assist with and perform research in the greater Portland-Metro area. Students with a competitive streak can exhibit work at the Intel Northwest Science Expo or join the BPA Science Bowl or Science Olympiad teams.

Wilson graduates not only earn many scholarships to continue their education, but have also gone on to work at the Large Hadron Collider, the Reed Nuclear Reactor, Intel, and other places around the world.

## Math Department

At Wilson High School we pride ourselves on offering a wider-range of upper-level math courses. Students can earn college credit by taking first- and second-year AP

Calculus as well as AP Statistics. We provide a structured path of courses that guide students into our upper-level classes and prepare them for college. In addition, we offer support classes at each level along the way.

## Award-Winning Computer Science and System Dynamics

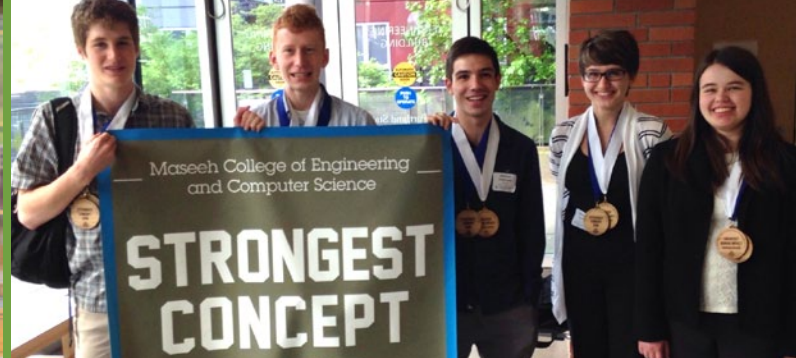
Wilson offers students a unique opportunity to engage in up to four years of Computer Science (CS) and two years of Systems Dynamics and Modeling (SDM). These programs are designed to offer students the ability to experience topics that many would not otherwise see until college or even graduate school.

Classes in this series are project-based, student-directed and incorporate a wide range of technology (both software and hardware). CS students have numerous opportunities to develop their own ideas and showcase them in class and at statewide and national-level competitions. We have a large number of students who participate in the Oregon Game Programming Challenge (OGPC) as well as the Willamette TechStart Programming Challenge.

Teachers Chris Bartlo and Nick Nohner received the 2016 Allen Distinguished Educators Award, a \$25,000 prize recognizing excellence and innovation in computer science teaching.

academic rigor and college prep focus





### Required Science Courses

- Physics
- Chemistry
- Biology

### Elective Science Courses

- Forensic Science
- Earth & Space Science
- Anatomy & Physiology
- Geology
- Science Research

### AP Science Courses

- AP Biology
- AP Environmental Science
- AP Chemistry
- AP Physics 1
- AP Physics 2

### Math & Computer Science Course Offerings

- Algebra 1-2
- Geometry
- Advanced Algebra
- Functions, Statistics and Trigonometry
- Pre-calculus
- AP Calculus AB & BC
- AP Statistics
- Math Modeling and Dynamic Systems 1-4
- Computer Science 1-10

### All of our Computer Science/Modeling classes feature:

- 99 percent of class time spent hands-on working with computers
- Access to a wide range of programming languages: C++, Java, Stella, Scratch, HTML/CSS, JavaScript, NetLogo, etc.
- Ability for Students to work ahead at their own pace
- A focus on “best practice” software development
- Real-world problem solving (modeling disease epidemics, environmental impact, etc.)
- Independent study options
- Participation in state/national competitions



Nick Nohner and Chris Bartlo,  
Computer Science teachers  
Winners of the 2016 Allen Distinguished  
Educators Award

“ Not very many schools have a computer science program, and even fewer have a program as good as the one run by Mr. Bartlo at Wilson. This is far and away the biggest advantage any kid interested in tech can get. Coming into college I found myself to be extremely far ahead in computer science knowledge and skill compared to most of the other students. My time in the computer science program at Wilson has already proved to be invaluable in my college career, internships, and extracurricular projects, and would be a massive head start to anyone interested in the field. ”

### Gabriel Kauffman

Wilson Class of 2014  
Computer science major  
Oregon State University  
Class of 2018

# arts



## **Fine Arts**

The Fine Arts Department at Wilson offers the opportunity for all students to develop their interests and talents in a full spectrum of media and courses. A wide variety of offerings, from photography to ceramics to sculpture, provide instruction and creative opportunities at all levels of ability and experience. Many programs progress over a four-year curriculum to a more rigorous standard. Whether a student has years of experience or is simply curious about art, everyone is encouraged to enroll.

Critical and imaginative thinking are integral to our Fine Arts programs, promoting problem solving and self-discipline, qualities that contribute to improved student performance in all areas.

## **Performing Arts**

The school play, the big solo at Winter Concert, Choir performances at the Schnitzer Concert Hall, competing at State: With five instrumental music groups, four vocal groups, and a theatre program that mounts several major productions a year, there are performance opportunities for students with all types of interests at Wilson. The depth of our programs provides opportunities to explore multiple pathways in the performing arts, with advanced coursework available in several performance subjects. There is a class in Performing Arts for everyone, whether they are a seasoned performer or musician, or just curious.

## **Industrial and Digital Arts, Publications**

Wilson's elective offerings in the arts incorporate the Oregon Career and Technical Education Standards as well as focus on the integration of the arts into Science, Technology, Engineering and Mathematics (STEM). Students at all levels of ability can develop and explore marketable skills needed for both college and career success. Whether in Woods/Metal shop, Yearbook or in one of our other CTE courses, there are options for all.

strong arts, music and drama



### Fine Arts Courses

- Draw-Paint-Print
- Printmaking
- Advanced Art
- AP Studio Art: Drawing
- AP Studio Art: 2-D Design
- Advanced Illustration
- Visual Arts: Photography
- Advanced Visual Arts: Photography
- AP Studio Art: Photography
- Ceramics
- AP Ceramics
- AP Art History
- Advanced Ceramics/Sculpture
- Woods and Metals Shop 1-8
- Sound Engineering
- Video Production 1-8

### Performing Arts Courses

- Acting Fundamentals
- Acting Practicum
- Advanced Acting
- Stagecraft Fundamentals
- Introduction to the Theatre Arts
- Intermediate Stagecraft
- Styling
- Design for Theatre
- Directing
- Chamber Orchestra
- Beginning Orchestra
- Symphonic Band
- Jazz Band
- Concert Band
- Beg./Interm. Guitar
- Choir
- Wilsingers
- Wilson Advanced Vocal Ensemble



“ I just thought I would send you a quick note to express my appreciation for statistics! I'm sitting in my dorm, studying Psych 101... everything is about random sampling, and the scientific method and lurking variables. .. and I already know about it because of stats. I am so happy that I'm actually putting a high school math class to use. . . I absolutely love Stanford! Everyone is so motivated and excited to learn! I just wanted to say a quick thank you for all you taught me. I am in Math 42. . . and I completely understand it all! Many of my peers took the same class in high school and don't know what the professor is talking about. ”

**Kristen Chesnutt**

Wilson Class of 2012

Class of 2016 Stanford University

# physical education, electives & activities



For a well-rounded high school experience, students are encouraged to take a rigorous academic course load, balanced by extracurricular activities and PE classes that instill a life-long goal of health and fitness. Whether it's sports, performance, or non-academic clubs, every student should be engaged outside of academic classes in one or more activities that provide important community-building opportunities and engage the mind and body in other ways.

## **Athletics**

The mission of our high school athletics is to promote participation and sportsmanship in a competitive interscholastic program. Every athlete is provided with opportunities, recognition and learning experiences that support and maximize academic goals. Athletics utilizes experiences that are inherently educational to foster lifelong qualities such as teamwork and self-discipline, while facilitating the physical and emotional development of our student athletes.

To learn more about Wilson athletics, sports registration, and summer programs, go to [wilsonathletics.com](http://wilsonathletics.com).

## **Clubs**

Wilson's selection of student-run clubs changes every year. Most years, there are more than 60 clubs to choose

from, representing a dizzying array of interests from bird watching to chess, marketing, or mock trial. Some clubs are serious, with an intellectual or political focus, some clubs are just for fun. Whatever the focus, Wilson's clubs add variety and fun to life in high school.

## **Mindful Studies**

Mindful Studies courses are offered at Wilson through a partnership with Peace in Schools. Our programs help alleviate personal and social strife in real-world settings through a combination of mindfulness practice with yoga to allow young people to develop compassion, calm, emotional resilience, and self-awareness. The self-supportive practices we teach are tools for life.

Mindful Studies at Wilson was the first for-credit mindfulness class at a public high school in the nation, and has now expanded to four other schools in PPS based on our model. We are proud to be at the forefront of a growing national movement to augment the traditional school day with programs aimed at each student's mental well-being.



### PIL Sports at Wilson

- Baseball
- Men's Basketball
- Women's Basketball
- Cheerleading
- Dance
- Cross Country
- Football
- Men's Golf
- Women's Golf
- Men's Soccer
- Women's Soccer
- Softball
- Swimming
- Men's Tennis
- Women's Tennis
- Track and Field
- Volleyball
- Wrestling

### Club Sports

- Men's Lacrosse
- Women's Lacrosse
- Sailing
- Skiing
- Snowboarding
- Dragon Boats

### Physical Education

- Mindful Studies (offered in partnership with Peace In Schools)
- Yoga
- Weight Training
- Women's Weight Training
- Strength & Conditioning
- Dance

### Elective Courses

- Intro/Advanced Marketing
- Peer Counseling
- Elementary Education Teacher's Assistant (Rieke Elementary)
- Leadership
- Study Hall



**“** I loved my time at Wilson, from the incredible teachers and coaches to the amazing student body. All of my teachers were extremely helpful during my college application process and coming into college, I felt prepared from my experiences and opportunities at Wilson. From the awesome sports teams to the school magazine, ceramics class, AP statistics project and making aspirin in advanced chemistry, I am so thankful that Wilson encourages students to get so involved. I will never forget the feeling of home basketball games and all of Coach Nolan and Olsen's words of wisdom. I am so proud to be a Trojan, and want to thank the Wilson community for all it has given me as I couldn't be happier to be at Claremont McKenna College and excited for what the future holds. **”**

### Ellen Berkley,

Wilson Class of 2014

Graduate of Claremont McKenna College

# college & career pathways



## Advanced Placement

Wilson High School has a long-standing tradition of providing academic opportunities that challenge students to achieve excellence in the classroom. The Advanced Placement (AP) program at Wilson demonstrates that commitment and our successes put us on par with the strongest college prep high schools in Oregon and the nation.

AP provides rigorous coursework that prepares students for post-secondary education and confers credits that are accepted at colleges and universities in over 60 countries around the world. The AP Program is on par with the International Baccalaureate (IB), and makes a student's transcript stand out in the college admissions process.

Wilson High School consistently outperforms both the State of Oregon and the global average for AP exam scores.

## Dual Credit

Dual Credit courses provide the opportunity for students to earn college credit simultaneously with high school credit. Entering college with credits may allow students to graduate in less time or to take advanced coursework sooner in their college career. Students who complete Dual Credit courses with a grade of "C" or better (unless a higher grade is required by the instructor) can earn Portland Community College or Portland State University credits accepted by many secondary educational institutions.

## Wilson AP by the Numbers

24 AP courses prepare students to take AP exams

937 AP Exams taken by 359 students in 2018. Of those exams:

- 76% of scores were 3 or higher\*
- Calculus BC: 95% scored 3 or higher\*
- Physics: 100% of students scored 3 or higher\*
- Spanish: 100% of students taking the test scored 3 or higher\*

*\*A score of 3 or higher is a strong predictor of student success in college*

## Dual Credit Courses

- Computer Science 3-4
- Woodworking/Metalworking 5-8
- Health Occupations
- Chamber Orchestra
- Choir: Wilsingers
- Choir: Wilson Advanced Vocal Ensemble
- Community Mentor
- Peer Counseling
- Geology
- Microeconomics/Macroeconomics
- English 7-8
- Creative Writing Workshop
- Elementary/Middle School Assistant



### Connect Learning and Life

Naviance, an on-line college and career tool, enables students to find college and career pathways that are right for them. Each Wilson student is registered on Naviance beginning their freshman year and encouraged to use the tool throughout their time at Wilson High School.

### College and Career Readiness

Wilson High School has a comprehensive plan to get students college and career ready beginning in freshman year. With the support of our state-of-the-art College and Career Center, our students have access to career information days, internships, guest speakers, college visits, college essay workshops and Naviance support. Each fall we host evening workshops for all grades on college planning. Our strong partnerships with Portland businesses allow us to provide opportunities for students to explore their interests in a variety of career paths.



## Career Technical Education (CTE):

Students explore hands-on technical subjects in CTE courses offering students the technical skills, academic knowledge and real-world experiences needed to prepare them for the high-skill, high-demand, high-wage careers of the 21st century.

- Sound Engineering
- Computer Science
- Construction
- Health Sciences Academy
- Business & Marketing
- Introduction to Teaching



## Learn more about Wilson & keep in touch

**Our website** is a great resource for all things Wilson — contact information for specific teachers or administrators, events, performances and sports.

**Via email:** send an email to [wilsonhs@pps.net](mailto:wilsonhs@pps.net) and we'll keep you updated with information specifically for 8th-grade families.

**Monday edition of the Daily Bulletin:** our weekly email newsletter containing a round-up of news and announcements. Email Valeurie Friedman at [vfriedman@pps.net](mailto:vfriedman@pps.net) to be added to the list.

## Contact us

### Wilson High School

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503.916.5280

[www.pps.net/wilson](http://www.pps.net/wilson)

Main office hours: 7:30 am - 4 pm

### Counseling Department:

503-916-5280 x75206; [sdailey@pps.net](mailto:sdailey@pps.net)

Questions: Email Erica Meyers at [emeyers@pps.net](mailto:emeyers@pps.net)