



Joseph C. Wilson High School | 2021-22 Profile

Location and Description

The Rochester City School District (RCSD) is one of the largest urban districts in New York State and is located in Rochester, New York. Rochester City School District serves a diverse population of students in grades PreK -12 at 55 Pre-K sites, 46 elementary and secondary schools, and 10 alternative programs. There are 26, 078 students enrolled in the district. The demographics are as followed: Black or African American - 53.1%, Hispanic - 32.7%, White -9.6%, Asian -2.9%, and Other - 1.7%.

Mission: To foster students' individual talents and abilities in a nurturing environment of equity.

Vision: The Rochester City School District's vision is to ensure all students have equitable access to high-quality education and graduate each student as a productive member of society.

School Mission

Our mission is to use the International Baccalaureate (IB) philosophy to guide individual student success. This means: Individualized high standards for all Multiple pathways towards graduation including career development, Regents, dual-credit, Advanced Placement (AP), and IB Diploma Program (DP) courses Infusing the IB philosophy into all of our courses Backward mapping DP courses to ensure future success An international mindset that will be at the forefront of our environment and pedagogy Utilizing the IB approaches to learning and learner profile in all courses to develop the whole child.

School Summary

Wilson Magnet High School is one of several high schools in the city school district located in Rochester, NY. We are a Title I school serving nearly 800 students in grades 9-12. At Wilson, we celebrate the fact that we are a city school, and offer an array of academic and extracurricular activities to engage our dynamic student body. We are a racially and culturally diverse school, and take pride in our diversity. Our area's economy has undergone many transformations during its history. Rochester became the "Flour City" in the early 19th century due to the inception of water-powered mills. The Erie Canal made the city an early American boomtown, and the development of the photographic industry and Kodak propelled Rochester into a position of worldwide economic significance. Today we are transforming to a more diverse economy focused on high-tech industry, optics, education, health care, and a growing small and mid-sized business sector. While Rochester has been slow to recover from the recession a decade ago, the area is showing gains in several key economic areas. Rochester is the third largest city in the state, and currently ranked as the third in the nation for rates of childhood poverty. It is because of this that we are passionate about providing equity and access to higher level courses for our students. In the past two years, we have expanded the number of students entering the IB Diploma Programme, from 1/20th of the cohort to 1/3rd. Wilson has one of the longest standing International Baccalaureate Programmes, having been authorized in January 2000. Studies have shown that low-income students have much better results in terms of access to college admissions and retention in university after participating in an IB programme. All of our 9th and 10th grade students are enrolled in the IB Middle Years Programme coursework. In 11th grade, students can choose to enter the IB Diploma Programme. Students study three courses at higher level and three at standard level, over two years. Students must choose one subject from each of groups 1 to 5, thus ensuring breadth of experience in languages, social studies, the experimental sciences and mathematics. The sixth subject may be an arts subject chosen from group 6.

International Baccalaureate Programme

Joseph C. Wilson Magnet High School is both an IB World School authorized to offer the prestigious Diploma Program and Candidate School working in partnership with Wilson Foundation to offer the MYP of IB. This 21st century learning provides students with strong academic preparation for post-secondary studies through the extensive offerings of college level IB and AP courses. Wilson's Traditional of Excellence earns the school a national ranking annually. Our Mission is Excellence for all students, in all aspects of their development.

Life in the 21st century, in an interconnected, globalized world, requires critical-thinking skills and a sense of international-mindedness, something that International Baccalaureate (IB) Diploma Programme students learn to know and understand. The IB Diploma Programme is designed as an academically challenging and balanced program of education with final examinations that prepares students, normally aged 16 through 19, for success at university and life beyond academe. The program is usually taught over two years and has gained recognition and respect from the world's leading universities. The International Baccalaureate (IB) Diploma Programme is a two-year liberal arts curriculum designed to meet the needs of the highly motivated and academically talented student and, while promoting international understanding. Due to its rigorous nature, preparation for the IB program is offered through the IB Middle Years curriculum in the 9th and 10th grades and/or through other accelerated curricula. The IB diploma is recognized internationally and leads to advanced status in universities throughout the United States. All students applying to these programs must meet the following eligibility criteria: 3.0 Academic GPA, Algebra I and Spanish or French for high school credit.

Life in the 21st century places multiple demands on students making transitions through adolescence. They are at a crucial period of personal, social, physical and intellectual development, which is often marked by uncertainty and questioning. The International Baccalaureate (IB) Middle Years Programme is designed to help students find a sense of belonging in the ever-changing and increasingly interrelated world around, which fosters a positive attitude to learning. The IB Middle Years Programme, for students aged 11through 16, provides a framework of academic challenge that encourages students to embrace and understand the connections between traditional subjects and the real world, which creates critical and reflective thinkers.

IB Classes Offered

IB Biology HL
IB Biology SL IB English HL
IB Environmental SL
IB History of the Americas HL
IB ITGS HL
IB ITGS SL
IB Design Technology
IB Math Studies SL
IB Mathematics SL
IB Physics HL
IB Span ab initio SL
IB Spanish SL
IB Theory of Knowledge
IB Visual Arts HL
IB Visual Arts SL

AP Classes Offered

AP Art History (Virtual)
AP Biology (Virtual)
AP Calculus AB
AP Calculus AB (Virtual)
AP Calculus BC
AP Computer Science A (Virtual)
AP English Language
AP English Language (Virtual)
AP Environmental Science (Virtual)
AP Government & Politics (Virtual)
AP Literature
AP Psychology (Virtual)
AP Statistics (Virtual)
AP US History (Virtual)
AP World History (Virtual)

Course Data

321 classes offered
average class size of 23

Class Data and

Post Secondary Options

Number of students in 2018 cohort: 162
Number of students in 2017 cohort: 172

Percentage of students...
enrolled in college 63%
career 9%
other from last year's cohort 28%

Graduation Rate from 2017 Cohort: 81.4%

National Assessments

Average SAT Scores

	Wilson	RCSD	State
Reading & Writing	509	467	528
Mathematics	498	451	523
Cumulative	1007	917	1052

Course Descriptions

Social Studies:

Social Studies education is required for all students every year of their school careers from Kindergarten through grade twelve. In the early grades, students explore their own families, communities, and the communities of others as they build their historical thinking skills. As the years progress, students conduct more in-depth investigations of peoples in the United States and the rest of the world in order to develop a better understanding of the core areas of social studies: government, economics, geography, and history. Ultimately, it is the goal of the social studies program to help students develop the critical skills needed to be active citizens in our community, our country, and our world.

English

English I – English IV

Four units of English and the English Regents are required for high school students to graduate in New York State. Our program is designed to foster the reading, writing, listening, speaking, language, and critical thinking skills necessary to be college and career ready. Students will be required to read, analyze and synthesize across literary and informational texts, write for multiple audiences, tasks, and purposes, listen and speak in collaborative discussions with their peers, and demonstrate a solid command of the English language. English classes are selected with students according to reading and writing skill level, as determined by state assessments, student performance and student interest. Students who demonstrate a need for additional assistance with English skills will receive these services through supplemental instruction. All students are required by New York State to take the Common Core English Regents Examination; a student must pass this exam in order to earn a diploma in New York State. Eligible students may take the exam in other grade levels.

Graduation Requirements

COURSE	CREDITS	LOCAL DIPLOMA	REGENTS DIPLOMA	REGENTS DIPLOMA WITH ADVANCED DESIGNATION
English	4	English Language Arts	English Language Arts	English Language Arts R or C.C.
Soc. Studies	4	1 Regents Social Studies	1 Regents Social Studies	Global History Regents and US History Regents
Math	3	1 Regents Math	1 Regents Math	Integrated Algebra R or C.C., Geometry R or C.C., & Algebra 2/ Trigonometry Regents or C.C.
Science	3	1 Regents Science	1 Regents Science	2 Regents Sciences
LOTE*	1 or 3	1 Science, Social Studies, Math or LOTE	1 Science, Social Studies, Math or LOTE	LOTE Comprehensive Exam
Fine Arts	1			
Health	.5	Passing Score	Passing Score	Passing Score
Physical Education	2	Only for students with an IEP or a 504 Plan	65+ on 5 exams	All Cohorts: 65+ on all 8 or 9 exams
Electives	1.5 to 3.5	Safety Net Option: 55% - 64% on 5 required exams		
Min. Credits Required	22	Compensatory Safety Net Option: Up to two scores of 45% - 54% (except in English & Math) can be compensated by another exam with the score of 65% or higher		

Science

Science offerings for the secondary level include the following: Living Environment, Physical Setting/Earth Science, Physical Setting/ Chemistry, Physical Setting/ Physics, General Chemistry, Environmental science and Anatomy & Physiology.

Mathematics

There are a variety of mathematics offerings to meet the needs of scholars. The following courses are offered at the secondary level. Algebra 1 Regents, Algebra I Math lab (taking currently with Algebra I R), Geometry, Algebra- Geometry Blend, Geometry Regents, Advanced Algebra with Financial Applications, Algebra 2, Algebra II Regents, Algebra II Regents Honors, Pre-Calculus, AP Statistics and AP Calculus.

CTE

CTE offers work-based learning, Career Pathways to Public Safety programs as well as the following pathways: Automotive, Manufacturing and Engineering, Construction and Design, Digital Media Arts and Communication

World Languages

RCSD World language courses offers scholars American Sign Language, French, Latin, Spanish, Mandarin Chinese and AP offerings.

Visual Arts

Offerings include Studio in Art I, Student in Art II, Studio in Draw & Paint, Studio in Sequence, Studio in Photo II, Three-D I, Three D-II, Three-D III, Video Art I, Video Art II, Video Art III, Media I, Media II,

Media III, Draw/Paint I, Draw/Paint II and Draw/Paint III. Other Visual Arts electives include Art History, Principles of Design, Printmaking, AP Art History and Art Portfolio.

Music

Offerings include Music in Our Lives, Piano I, Piano II, Chorus I, Chorus II, Chorus III, Voice I, Voice II, Voice III, Percussion I, Percussion II, Percussion III, Beginner’s Band, Intermediate Band, Advanced Band, Beginner’s Orchestra, Intermediate Orchestra and Advanced Orchestra. Other music electives will include History of Music, Music Theory, Jazz Band, and AP Music History.

Health

Health courses include Death and Dying, Health 10 -12, and Global Health

Grade Point Average

Grade Achieved	Honors Class	Regents Class	Non-Regents Class
A+	6.5	5.5	4.5
A	6.0	5.0	4.0
B+	5.5	4.5	3.5
B	5.0	4.0	3.0
C+	4.5	3.5	2.5
C	4.0	3.0	2.0
D	3.0	2.0	1.0
F	0	0	0

Weighting Scale

Type	Scale
IB & AP	3-6.5
Regents	2-5.5
Local	1-4.5
Failing Grades	0

Letter/Numeric Grade

Conversions	
A+	Superior (95-100)
A	Excellent (90-94)
B+	Very Good (85-89)
B	Good (80-84)
C+	Above Average (75-79)
C	Average (70-74)
D	Below Average (65-69)
F	Failure (Below 65)

Superintendent of Schools
Lesli C. Myers-Small, Ed.D.

www.rcsdk12.org/wilson
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