

# **SCHOOL PROFILE 2018-19**

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Office Manager Betsy Barry barryb@wra.net 330.650.5827 Western Reserve Academy has been ranked the #1 private high school in Ohio and among the country's best boarding schools. Our innovative college-preparatory curriculum features programs of distinction that prepare our students for an increasingly interconnected world. Last year, we moved beyond Advanced Placement courses, ushering in a fully Independent Curriculum, with 24 College Level (CL) courses. Our CL courses are our new highest-level courses and are rooted in progressive, research-based principles and a thoughtful commitment to balance and a student-centered classroom.

Western Reserve Academy 115 College St. Hudson, OH 44236 330.650.5827 WRA.net

CEEB CODE: 362 655

#### **OUR PROGRAM OF STUDY**

WRA offers an innovative college preparatory program committed to enabling academic excellence and to developing well-rounded students. Structured beginning-level courses comprise the workload for younger students, while older students are provided with the opportunity to supplement our traditional offerings with advanced work and with a myriad of electives. Monday through Friday, students attend 75-minute class periods on a seven-day rotating schedule. The longer periods allow for more in-depth exploration of the subject matter and extended time for lab work. Attending classes six days per week, our students participate in an innovative Saturday Academy, which is designed to extend, enrich and support student learning in ways that are not possible in the weekday schedule.

#### **GRADUATION REQUIREMENTS**

Courses at WRA earn either a full or a half credit. To graduate, a student must complete the equivalent of 21 credits, carrying a minimum load of six courses at all times. The following department requirements must be met for graduation (the numbers following indicate the minimum number of credits required per department).

#### MINIMUM REQUIREMENTS

ENGLISH: Four-year sequence and successful completion of the Junior Writing Exam. (4)

MATHEMATICS: One credit at the Precalculus level or higher, and three years of math at WRA. (3)

LANGUAGE: Successful completion of a full-year, third-level, credited language course at the high school level.

SCIENCE: Three full credits in lab science: Biology, Chemistry and Physics required. (3)

HISTORY: Three full credits in history: Introductory History Seminar, Intermediate History Seminar, and U.S. History. (3)

ARTS: Two or three courses in any combination of the fine and performing arts classes. (1.5-3) Note: All freshmen are required to take one full-year course.

HEALTH: All students must earn a half-credit in health. (1/2)

PHYSICAL EDUCATION: All students earn physical education by athletic participation or weight training at WRA for each academic year. (1/2)

LITERACIES: Learning to Code and Learning to Make (Freshmen). Learning to Communicate and Learning to Live Well (Sophomores).

SATURDAY ACADEMY: Students must successfully complete two ECHO modules for each year of enrollment at WRA and attend required Class Seminars.

### **WRA FAST FACTS**

및짜및 GRADES: 9-12

**66% BOARDING STUDENTS** 



**GIRLS: 44%** 



**BOYS: 56%** 



**AVERAGE CLASS SIZE: 12 STUDENTS** 



FROM 20 COUNTRIES & 24 STATES

\$5.26M TOTAL ANNUAL FINANCIAL AID

1826

YEAR ESTABLISHED

7:1

STUDENT-TEACHER RATIO

91%

**FACULTY HAVE ADVANCED DEGREES** 

100%

**MATRICULATION RATE** 

GPA COM	PARISON
WRA SCALE	4.0 SCALE
7.0	4.31
6.5	4.0
6.0	3.69
5.5	3.38
5.0	3.08
4.5	2.77
4.0	2.46
3.5	2.15

## **GRADING SYSTEM**

Western Reserve Academy uses a 1-7 grading scale, with 7 as the highest mark. It is our belief that such a scale allows us to make finer distinctions, among highly talented students of above-average ability. Our policy of not reporting class rank also hinges upon this same belief: because of the highly selective nature of admission to WRA, as well as the diverse abilities and talents of our student body, numeric class rank would present a distorted image of performance among our students.

We do, however, recognize a responsibility to provide data that enables others outside our community to evaluate a student's performance relative to his or her peers. For that purpose, we offer the distribution of grade point averages below. Although we do not believe that there is exact equivalence to a 4.0 scale, we also provide a breakdown that allows for possible conversion to such a scale.

#### **GPA DISTRIBUTION FOR THE CLASS OF 2019\***

	RANGE	NUMBER of students	PERCENT of students (Cumulative)
	7.0	3	2.9
Highest Honors	6.50 – 6.99	19	21.5
High Honors	6.00 - 6.49	26	47.1
Honors	5.50 - 5.99	19	65.7
	5.00 - 5.49	16	81.4
	4.50 – 4.99	11	92.2
	4.00 – 4.49	6	98.0
	3.50 – 3.99	2	100.0

\*Cumulative grade point averages are calculated at the end of junior year and the distribution includes only students who have completed at least one year at WRA. The Class of 2019 numbered 102 in May 2018.

#### DISCIPLINE REPORTING POLICY

WRA does not directly report disciplinary actions. If colleges inquire about discipline issues, students are expected to self-report, answering truthfully questions regarding disciplinary violations. Students and college counselors will work together to address questions about serious disciplinary infractions.

### **WRA Signature Programs**

#### **Beyond Reserve**

Beyond Reserve is a collection of elite, intensive summer internships for students to explore career aspirations alongside Reserve's accomplished alumni and friends. Students have researched at Baylor College of Medicine Medical Center, Case • or learn the chemistry of cooking Western Reserve University, Cleveland Clinic and many more institutions.

#### Saturday Academy

Saturday Academy sets WRA apart from other schools, providing students with immersive opportunities to pursue passions and areas of academic aptitude in depth alongside our expert and nurturing faculty. You might investigate forensic science, critique Nietzsche, in dozens of offerings to match students' interests.

Compass is a self-directed, faculty-guided yearlong seminar that invites students to design and execute a project of significant intellectual and social resonance around the themes of Civic & Global Engagement, Science & Technology, Arts & Culture, or Entrepreneurship. Through Compass projects, students have developed a sensory room in an Ohio public school to support children with autism, launched a bow tie company that sources sustainable fabrics, led an awareness campaign to thwart human trafficking and more.

#### SCORE DISTRIBUTIONS FOR THE CLASS OF 2018

ACT Score	Distributions for the Class of 2018				
25 – 75% Mean	<b>English</b> 27–35 30	Math 27-35 30	Reading 29–34 31	Science 26–34 30	Comp. 27–34 30
SAT Sco	re Distribut	ions foi	the Class of	2018	
	EBRW		Math	Tota	ıl

590-790

680

Class	Number	Semifinalists	Commended
2019	102	6	9
2018	95	3	5
2017	117	8	4
2016	102	2	10

#### ADVANCED PLACEMENT

610-710

652

Last year marked the most transformative change to WRA's academic program in the school's history, with the launch of a multi-faceted Independent Curriculum and moving beyond Advanced Placement courses. The curriculum allows for deeper exploration of subjects, optimizes our Wang Innovation Center and aligns WRA with a growing cohort of top independent schools that have moved beyond an AP curriculum. Students may still take Advanced Placement exams on WRA's campus.

1200-1480

1332

#### **ADVANCED COURSES**

#### **English**

Mean

CL Seminars in Literature, Composition and Rhetoric

#### Fine & Performing Arts

**CL Music Theory** 

Honors Dance

Advanced Digital Engineering & Fabrication (half credit)

#### History

**CL United States History** 

**CL Art History** 

CL Economics

**CL** Government

**CL Philosophy** 

#### **Mathematics**

Math 22 Honors Geometric and Algebraic Reasoning

Math 32 Honors Intermediate Algebraic Reasoning

Matt 33 Accelerated Algebraic Concepts

Math 42 Honors Precalculus

Math 43 Accelerated Precalculus/Calculus A

CL Calculus AB

CL Calculus BC

**CL Statistics** 

CL Calculus Based Probability and Statistics

CL Linear Algebra (half credit)

CL Advanced Topics in Geometry (half credit)

CL Multivariable Calculus (half credit)

CL Topics in Non-Euclidean Geometry (half credit)

**CL Computer Science** 

#### Modern & Classical Languages

Honors French III

CL French Language and Culture

CL Latin Literature

CL Mandarin Chinese

Honors Spanish III

CL Spanish History and Literature

CL German Language and Culture

#### Science

Advanced Astronomy (half credit)

Honors Chemistry

Honors Physics

CL Pathobiology of Human Disease

CL Advanced Topics In Chemistry

**CL Advanced Physics** 

**CL** Astronomy

### FIVE-YEAR COLLEGE MATRICULATION

College matriculation for the Classes of 2014 - 2018. One hundred percent of the Class of 2018 was admitted to one or more four-year colleges and/or universities. Institutions with five or more matriculants are listed in bold print.

The University of Akron The University of Alabama Allegheny College

American University

American University of Paris

Amherst College Babson College

Baldwin Wallace University

Bard College Barnard College Bates College Bellarmine University Belmont University Bentley University Berklee College of Music Boston College

**Boston University** Bowdoin College

Bowling Green State University

Bradley University Brown University Bucknell University **Butler University** 

University of California, Berkeley University of California, Irvine University of California, Los Angeles University of California, Riverside University of California, San Diego

University of California, Santa Barbara University of California, Santa Cruz University of Cambridge

Carleton College Carnegie Mellon University

Case Western Reserve University

Centre College Champlain College College of Charleston University of Chicago

University of Cincinnati

The Citadel

Claremont McKenna College

Clemson University Cleveland Institute of Music Colby College

**Colgate University** University of Colorado Colorado College

Colorado School of Mines

Columbia College Columbia University Concordia University Connecticut College Cornell University

Davidson College University of Dayton

**Denison University** DePaul University

DePauw University

University of Detroit Mercy

Drew University **Drexel University Duke University** Duquesne University Eckerd College

University of Edinburgh Elon University

Emerson University Emory University

University of Florida Florida Southern College Florida State University

Fordham University

Furman University University of Glasgow Gannon University

The George Washington University

Georgetown University

Georgia Institute of Technology

Gettysburg College University of Glasgow Grinnell College Hamilton College University of Hartford Harvard University Haverford College Heidelberg University High Point University Hiram College

Hobart and William Smith Colleges

College of the Holy Cross Howard University

University of Illinois-Chicago

University of Illinois-Urbana Champaign

Illinois Institute of Technology Imperial College London Indiana University John Carroll University Johns Hopkins University Kent State University University of Kentucky

Kenyon College King's College London Lake Forest College Lee University

University College London

Loras College

Loyola Marymount University Loyola University Chicago Loyola University Maryland Loyola University New Orleans

Lynn University Macalester College Marietta College Marist College University of Maryland

Mass College of Pharmacy & Health Sciences

Miami University University of Miami University of Michigan Michigan State University Middlebury College Minerva Schools at KGI

Mount Allison University Mount Holyoke College

New York University

The University of North Carolina

University of North Carolina School of the Arts

Northeast Ohio Medical University

Northeastern University Northwestern University Oberlin College Occidental College Ohio Northern University Ohio University

The Ohio State University

Ohio Wesleyan University The University of Oklahoma University of Oxford University of the Pacific

Pennsylvania State University University of Pennsylvania

University of Pittsburgh

Pomona College Pratt Institute Principia College Providence College Purdue University Queen's University

Rensselaer Polytechnic Institute Rhode Island School of Design

Rhodes College University of Richmond Roanoke College University of Rochester

Rochester Institute of Technology

Rollins College

Royal Holloway, University of London

Rutgers University Santa Clara University

Savannah College of Art and Design School of the Art Institute of Chicago Sewanee: The University of the South

Sierra Nevada College

University of Southern California Southern Methodist University

University of St Andrews St. Lawrence University Stanford University University of Sunderland Suffolk University Swarthmore College Syracuse University The University of Tampa Temple University

Tennessee Technological University

Texas A&M University Texas Christian University The University of Texas-Austin The University of Texas-Dallas University of Toronto

Trinity College Trinity University **Tufts University** 

Tulane University

United States Military Academy United States Naval Academy

University College London University of Utah

Vanderbilt University Vassar College University of Vermont Villanova University

Virginia Commonwealth University

Virginia Tech Viterbo University Wake Forest University Walsh University University of Washington

Washington and Jefferson College

Washington University in St. Louis

Wellesley College Wesleyan University

West Liberty University Wheaton College

College of William and Mary

Williams College

University of Wisconsin The College of Wooster

Wright State University University of Wyoming Xavier University Yonsei University