



# THE HOTCHKISS SCHOOL

## 2018-19



## The Hotchkiss School Mission

The Hotchkiss School seeks to inspire a diverse range of students who are committed to the betterment of self and society, and to cultivate in them at the highest standards of excellence

*imagination and intellect,*

*openness and personal integrity,*

*empathy and responsible citizenship*

that they may discover and fulfill their potential as individuals fully engaged in our world.

**HOTCHKISS**

# Our Students

## The Student Body, 2018-2019

### ADMISSION

• Applicants	1,914
• Admitted	370 (19%)
• Matriculated	178

### ENROLLMENT

• Total on-campus enrollment	602
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Full enrollment including students on Hotchkiss-approved off-campus opportunities	604
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• In Residence*	591
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• Day	13
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• Grade 12 (Seniors)	181
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• Grade 11 (Upper Mids)	164
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• Grade 10 (Lower Mids)	146
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• Grade 9 (Preps)	113
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• States represented	32
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• Countries and territories represented	35
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• Students of color	33%
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• International students	15%
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• Students receiving financial aid	32%
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• Members of Class of 2018 receiving financial aid	36%
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## Standardized Test Scores: Class of 2018

### MIDDLE 50% OF ALL STUDENTS

**SAT** 1360-1510

• Evidence Based Reading and Writing 670-750

• Math 680-780

**ACT Composite** 28-34

• English 30-35

• Math 28-34

• Reading 30-35

• Science Reasoning 26-34

### SAT SUBJECT TESTS MEAN SCORES

<u>SUBJECT</u>	<u>MEAN SCORE</u>	<u># OF TESTS</u>
Bio-Ecology	661	14
Bio-Molecular	692	18
Chemistry	692	53
Chinese with Listening	731	8
French	647	17
French with Listening	635	10
Latin	639	21
Literature	667	91
Math Level 1	642	30
Math Level 2	728	109
Physics	689	14
Spanish	644	31
Spanish with Listening	632	9
U.S. History	674	33

### AP Tests

In May 2018, 331 candidates took 745 AP examinations. 64 percent of Hotchkiss students earned a 4 or 5; 87 percent earned a 3 or higher.

\*In Residence includes borders and faculty/staff children.

**RANGE OF CUMULATIVE GPAS  
CLASS OF 2019**

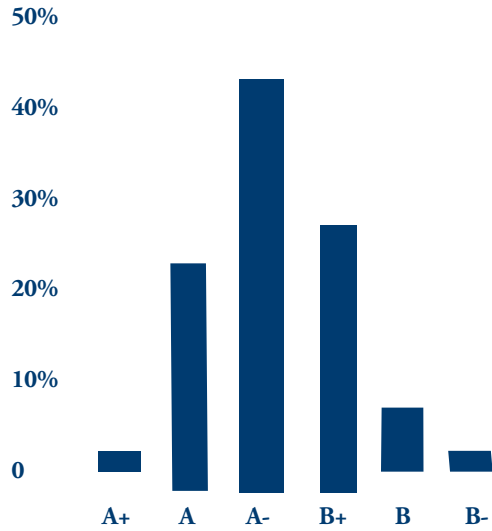
<b>RANGE OF CUMULATIVE GPAS</b>	<b># OF STUDENTS</b>
<b>4-Year Seniors</b>	<b>Avg. 9.54 (108 students)</b>
11.00 and Above	4
10.50 to 10.99	16
10.00 to 10.49	20
9.50 to 9.99	19
9.00 to 9.49	19
8.50 to 8.99	15
8.00 to 8.49	9
7.00 to 7.99	5
6.00 to 6.99	1
Below 6.00	0

<b>3-Year Seniors</b>	<b>Avg. 9.52 (49 students)</b>
10.50 and Above	7
10.00 to 10.49	9
9.50 to 9.99	11
9.00 to 9.49	9
8.50 to 8.99	6
8.00 to 8.49	5
7.00 to 7.99	2
Below 7.00	0

<b>2-Year Seniors</b>	<b>Avg. 9.14 (12 students)</b>
10.50 and Above	1
10.00 to 10.49	1
9.50 to 9.99	1
9.00 to 9.49	4
8.50 to 8.99	3
8.00 to 8.49	1
Below 8.00	1

**SINGLE-YEAR AVERAGES FOR UPPER-MID YEAR  
(11TH GRADE)**

**CLASS OF 2019, JUNE 2018**



**THE HOTCHKISS TRANSCRIPT**

Hotchkiss does not report class rank, SAT, or AP scores on its transcript. As a matter of policy, the School does not keep a weight grades. The School's grading scale is based on letter grades, A+ to F.

11.50-12.00	A+	97-100
10.50-11.49	A	93-96
9.50-10.49	A-	90-92
8.50-9.49	B+	87-89
7.50-8.49	B	83-86
6.50-7.49	B-	80-82
5.50-6.49	C+	77-79
4.50-5.49	C	73-76
3.50-4.49	C-	70-72
2.50-3.49	D+	67-69
1.50-2.49	D	63-66
0.50-1.49	D-	60-62
0.00-0.49	F	Below 60



# College Matriculation

Hotchkiss Classes of 2015, 2016, 2017, and 2018

<b>10 OR MORE STUDENTS</b>	<b>#</b>	<b>5 - 9</b>	<b>#</b>
New York University	36	Bates College	9
Georgetown University	28	Boston University	9
Cornell University	26	Colgate University	9
Yale University	24	Kenyon College	9
University of Chicago	23	St. Lawrence University	9
Harvard University	20	Stanford University	9
Princeton University	20	Washington University in St. Louis	9
Columbia University	17	Johns Hopkins University	8
Carnegie Mellon University	16	University of Southern California	8
Middlebury College	15	University of Virginia	8
University of Pennsylvania	15	Colby College	7
Dartmouth College	14	Northwestern University	7
Trinity College	12	The George Washington University	7
Tufts University	11	Union College (NY)	7
University of Michigan	11	University of California, Berkeley	7
University of Richmond	11	Bowdoin College	6
Brown University	10	Connecticut College	6
University of St. Andrews	10	Hamilton College (NY)	6
		Pomona College	6
		Tulane University	6
		Williams College	6
		Babson College	5
		Boston College	5
		Colorado College	5
		Hobart and William Smith Colleges	5
		Lehigh University	5
		University of Vermont	5

## FEWER THAN 5

Amherst College	McGill University	The University of North Carolina at Chapel Hill
Barnard College	Michigan State University	The University of Texas, Austin
Bentley University	Morehouse College	United States Military Academy
Berklee College of Music	Mount Holyoke College	United States Naval Academy
Bishop's University	Oberlin College	Universite de Montreal
Bryn Mawr College	Occidental College	University College London
Bucknell University	Pitzer College	University of Bristol
California Institute of the Arts	Purdue University	University of California, Davis
Case Western Reserve University	Queen's University	University of California, Los Angeles
Claremont McKenna College	Reed College	University of California, Santa Barbara
College of the Holy Cross	Rensselaer Polytechnic Institute	University of California, Santa Cruz
College of William and Mary	Rhode Island School of Design	University of Miami
Concordia University - Montreal	Rhodes College	University of New Hampshire
Dawson College	Rice University	University of New Haven
Denison University	Rutgers University	University of Notre Dame
DePauw University	Saint John's University (NY)	University of Oregon
Dickinson College	Saint Mary's College of California	University of Rhode Island
Duke University	Santa Clara University	University of Rochester
Eckerd College	Sciences Po Paris-Campus de Reims	University of Toronto
École des Beaux-Arts	Scripps College	Vanderbilt University
Emory University	Seton Hall University	Vassar College
Fairfield University	Sewanee: The University of the South	Villanova University
Franklin & Marshall College	Smith College	Wagner College
Grinnell College	Southern California Institute of Architecture	Wake Forest University
Harvey Mudd College	Southern Methodist University	Washington and Lee University
Howard University	St. Olaf College	Wellesley College
Indiana University at Bloomington	Stony Brook University	Wesleyan University
Lafayette College	SUNY Maritime College	Whitman College
Lake Forest College	Swarthmore College	Whittier College
Linfield College	The Cooper Union	Wilfrid Laurier University
Macalester College	The New School - All Divisions	Wofford College
Massachusetts Institute of Technology	The University of Edinburgh	

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## THE GAP YEAR

Hotchkiss encourages students to consider a gap year, a year between high school and college to enable reflection on goals for college and focus on further intellectual pursuits. Students can choose from opportunities such as internships, service, and continued learning—in the U.S. or abroad—while living independently and taking responsibility for their choices. In the past four years, 56 students have chosen to take a gap year.

# Our Education

Our goal is to produce graduates who are well-trained for the intellectual and social-emotional demands of college and beyond. Our students learn to take risks, fail, persist, and succeed. Along the way, and in keeping with the School's finest traditions, they pursue global competencies, are enlisted as environmental stewards, and learn the complexities of genuine civic engagement. Our core academic program includes six departments: Classical & Modern Languages, English, Humanities & Social Science, Mathematics & Computer Science, Science, and Visual & Performing Arts. Below are new and notable components of our academic program.

## ELEMENTS OF THE CORE CURRICULUM

**The Humanities Program** cultivates students who engage in inquiry-based learning by critically examining texts, engaging in lively discussion, and pursuing scholarly and creative projects. They ask essential questions about the nature of knowledge, their place in society, the nature of a “good life,” and the place of human beings in the natural world. These questions are pursued in a coordinated curriculum that spans Arts, English, History, and Philosophy & Religion. **The Humanities program awards three credits for each of the prep and lower mid years.**

**Prep Science Core** is a skills-based course centered on an understanding of energy conversion and conservation. Focusing primarily on the development of laboratory and problem solving skills, the course will integrate concepts essential to the mastery of Biology, Chemistry, and Physics. Students gain a global perspective on scientific research interactions through the exploration of the natural and constructed environments of Hotchkiss.

**The Classics.** A Hotchkiss tradition dating to the School's founding, students attain a high level of proficiency in both Latin and Ancient Greek through the study of timeless works. Students who complete this rigorous program are eligible to receive a Classics Diploma, and are able to excel in college courses beyond the elementary level.

## PREVIEW OF CURRICULUM REVIEW

Hotchkiss has undertaken a comprehensive review to ensure every aspect of what we do is representative of our Mission. This review includes several aspects of our academic program, including the structure of our Humanities Program, the content of our most advanced courses, and a fresh look at how we use our time (from the daily schedule to the yearly schedule). Considerable groundwork was conducted during the 2017-18 school year, and the first phase of implementation planning will occur during 2018-19.

## UNIQUE FEATURES OF THE CURRICULUM

**Applied Scientific Research: Genetics:** In conjunction with the instructor, students design and execute an independent research project in an area of science related to molecular biology or biochemistry. The course begins by building a shared foundation in experimental design, data collection and analysis, basic statistics, laboratory notebook preparation, and presentation skills. Students then shape their own projects by proposing a project, engaging with scholarly literature relevant to their question, and developing a detailed plan. They then execute their plans and embrace failure as an opportunity to adapt and reconsider their designs. Students are ultimately accountable to present their work to increasingly larger sets of peers and and instructors for critical evaluation, culminating in a final presentation open to the wfull campus community.

**Applied Scientific Research: Observational Astronomy:** In this course, students utilize a permanently mounted, 20-inch reflecting telescope and CCD camera system to image stars that vary in brightness over time. They perform photometry (measure the brightness) on these images, and work to characterize the cause of variability. Using technical hardware and software, students practice scientific observational skills, conduct data analysis, and clearly communicate their results. The course is designed for students with a background in astronomy and a demonstrated ability to work independently. The course demands considerable organization and initiative.

**Design for Social Impact:** This courses teaches students to utilize iterative design-thinking principles—conducting contextual inquiry, building empathy, identifying stakeholders, defining an actionable problem, developing rapid prototypes, and evaluating success—in order to develop innovative solutions to problems faced by communities, policy-makers, and business owners. Through experiential learning, underpinned by theory and case study analysis, students apply cutting-edge, human-centered design techniques currently employed by startup founders and social entrepreneurs throughout the world. Students work in small teams throughout the semester to create an innovative solution to an important community issue at Hotchkiss or the Northwest Corner.

**Global Migrations: People, Politics, Economics:** This course employs the methods of economic sociology, anthropology, and history as students learn how to trace the evolution of the dynamics that define our world. At the micro level, the course grapples with how mobility has shaped the lives of individuals and the trajectories of states and networks from East and South Asia to the United States and Latin America. And, at the macro level, it examines the role of structural forces like markets, urbanization, national identity, and technology.

**Human Development Teaching Assistants (TAs)** are a selected group of seniors who assist with the teaching of Human Development, a lower-mid required non-credit course that examines community life, family dynamics, learning styles, sexuality, drug use, physical wellness, and emotional health. They also study theories of adolescent development and are introduced to peer counseling skills, including group facilitation. They guide group discussions, readings, and research, with increasing teaching responsibilities throughout the year.

## DIPLOMA REQUIREMENTS

Below are requirements for those entering Hotchkiss in 9th grade. Requirements may vary for students entering after 9th grade. For more details about any variation of these requirements, visit [hotchkiss.org/academics/the-academic-experience/course-work-by-class-year](http://hotchkiss.org/academics/the-academic-experience/course-work-by-class-year).

**English:** Prep and Lower-Mid Humanities and Upper-Mid and Senior English.

**Mathematics and Computer Science:** Through the third level of Hotchkiss mathematics or equivalent.

**Classical and Modern Languages:** Through the third level of one language or the equivalent.

**Humanities and Social Sciences:** Prep and Lower-Mid Humanities.

**Science:** 2 years of a laboratory science.

**The Arts:** Prep and Lower-Mid Humanities.

**Human Development:** Pass/Fail course required of all 10th-graders. Each section of HD250 is taught by one faculty member and two senior teaching assistants.

## ADVANCED PLACEMENT AND INTENSIVE COURSES

All Advanced Placement and intensive courses are denoted on the transcript by the asterisk.

### Classical and Modern Languages

Classics

Greek (GK) 180, 280

Latin (LA) 280, 380, 550

### Modern Languages

Chinese (CN) 280, 380, 490, 550

French (FR) 280, 380, 490, 540

German (GM) 180, 280, 380, 490

Spanish (SP) 280, 390, 540, 550, 650

### English (EN) 350, 540, 550

### Humanities and Social Sciences

Economics (EC) 550

History (HI) 390, 490

Philosophy (PL) 482

Social Sciences (SS) 492

### Mathematics and Computer Science

Computer (CO) 552, 651, 652

Mathematics (MA) 280, 380, 481, 482, 510, 540, 550, 580, 651, 652, 655, 661, 662, 671, 672

### Science

Biology (BI) 550

Chemistry (CH) 541, 550

Environmental Science (ES) 540

Physics (PY) 550, 560, 581, 582, 652

Science (SC) 650

### Visual and Performing Arts

Art (AR) 520, 530, 532, 580

Music (MU) 551, 552

Photography (PO) 471, 551, 552, 561, 562

## OFF-CAMPUS AND CO-CURRICULAR PROGRAMS

Students have opportunities to spend a marking period, semester, or year away from campus.

**Sanctioned off-campus semester and yearlong programs** are designed and run by other institutions and organizations, and are considered unqualified extensions of the Hotchkiss program. Course work completed during these off-campus programs receives full credit, is incorporated into Hotchkiss grade point average calculations, and satisfies Hotchkiss distribution requirements. The grades received at a sanctioned program appear on the student's Hotchkiss transcript, with appropriate program and semester/year notations.

These semester programs are sanctioned by Hotchkiss:

**CityTerm:** [www.cityterm.org](http://www.cityterm.org)

**Chewonki School:** [www.chewonki.org/mcs](http://www.chewonki.org/mcs)

**Island School:** [www.islandschool.org](http://www.islandschool.org)

**High Mountain Institute:** [www.hminet.org](http://www.hminet.org)

The yearlong program sanctioned by Hotchkiss is **School Year Abroad (SYA)**.

Students attending sanctioned programs are extended the same percentage of financial aid for these programs that they would receive if they were enrolled at Hotchkiss for that semester or year.

**Environmental stewardship** is integrated throughout School life—from dorm life and the dining hall to Hotchkiss' 280-acre Fairfield Farm. Through academic and residential initiatives, students engage with complex environmental issues in their everyday lives. Regenerative practices (e.g. producing energy and food, restoring ecosystems, replenishing soil, and achieving carbon neutrality) instill a constant awareness and mindfulness of the environment, which can carry on beyond academic life.

**FFEAT (Fairfield Farm Ecosystems and Adventure Team)** is a unique after-school program that provides students with a hands-on experience at the farm. The 280-acre Fairfield Farm provides a scenic setting for students to learn concepts and current practices in agricultural sustainability, understand various aspects of food and ecosystem management and their impact on the world, and enjoy teamwork in a shared working experience.



Students come to Hotchkiss ready to experience something new. They immerse themselves in a world of learning and academic tradition—and take chances that teach them about themselves and the world around them.

#### **CONTACT INFORMATION**

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