



THE HOTCHKISS SCHOOL

2019-20



The Hotchkiss School Mission

Guided by each other, let us seek better paths.

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, 2019-2020

ADMISSION

• Applicants	1,797
• Admitted	389
• Matriculated	192

ENROLLMENT

• Total on-campus enrollment	603
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Full enrollment including students on Hotchkiss-approved off-campus opportunities 606

• In Residence*	594
• Day	9

• Grade 12 (Seniors)	179
• Grade 11 (Upper Mids)	163
• Grade 10 (Lower Mids)	153
• Grade 9 (Preps)	111

• States represented	34
• Countries and territories represented	36

• Students of color	36%
• International students	16%
• Students receiving financial aid	33%
• Members of Class of 2020 receiving financial aid	34%
• Students on aid attending Hotchkiss tuition-free	31%

Standardized Test Scores: Class of 2019

	<u>MIDDLE 50% OF ALL STUDENTS:</u>	<u>AVG:</u>
SAT	1340-1510	
• Evidence Based Reading & Writing	670-740	700
• Math	680-780	716
TOTAL		1416
ACT Composite	28-33	31
• English	30-35	32
• Math	28-33	31
• Reading	30-35	32
• Science Reasoning	27-34	30

SAT SUBJECT TESTS MEAN SCORES (CLASSES OF 2019-22)

<u>SUBJECT</u>	<u>MEAN SCORE</u>	<u># OF TESTS</u>
Bio-Ecology	620	26
Bio-Molecular	677	13
Chemistry	728	61
Chinese with Listening	731	7
French	654	26
French with Listening	625	2
Latin	707	10
Literature	659	117
Math Level 1	624	36
Math Level 2	725	164
Physics	714	23
Spanish	627	52
Spanish with Listening	661	8
U.S. History	682	41

*In Residence includes borders and faculty/staff children.

**RANGE OF CUMULATIVE GPAS
CLASS OF 2020**

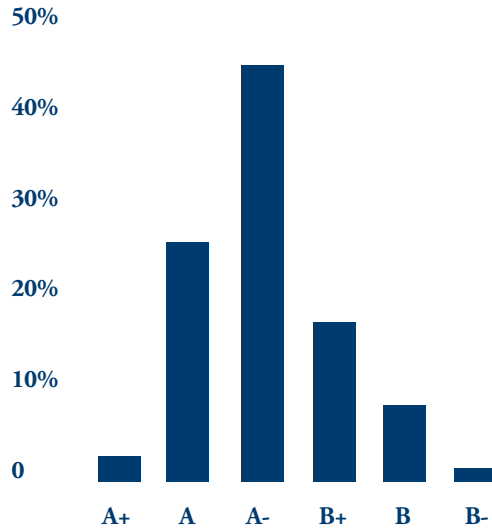
RANGE OF CUMULATIVE GPAS	# OF STUDENTS
4-Year Seniors	
Avg. 9.60 (115 students)	
11.00 and Above	2
10.50 to 10.99	15
10.00 to 10.49	28
9.50 to 9.99	25
9.00 to 9.49	21
8.50 to 8.99	6
8.00 to 8.49	6
7.00 to 7.99	11
6.00 to 6.99	1
Below 6.00	0

3-Year Seniors	
Avg. 9.55 (34 students)	
10.50 and Above	5
10.00 to 10.49	6
9.50 to 9.99	7
9.00 to 9.49	6
8.50 to 8.99	5
8.00 to 8.49	4
7.00 to 7.99	1
Below 7.00	0

2-Year Seniors	
Avg. 9.54 (13 students)	
10.50 and Above	2
10.00 to 10.49	2
9.50 to 9.99	4
9.00 to 9.49	3
8.50 to 8.99	1
8.00 to 8.49	0
Below 8.49	1

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

CLASS OF 2020, JUNE 2019



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 weigh 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 2016, 2017, 2018, and 2019

10 OR MORE STUDENTS	#	5 - 9	#
University of Chicago	31	St. Lawrence University	9
New York University	31	Boston University	9
Cornell University	28	Colby College	9
Georgetown University	25	Trinity College	9
Harvard College	24	University of Southern California	9
University of Pennsylvania	22	University of Virginia	9
Yale University	19	Lehigh University	8
Columbia University	17	Bowdoin College	8
Princeton University	15	Tufts University	8
Washington University in St. Louis	15	Tulane University	8
Carnegie Mellon University	14	Colgate University	7
Dartmouth College	14	Wesleyan University	7
Middlebury College	14	Johns Hopkins University	7
Kenyon College	11	Northwestern University	6
University of Michigan	11	Bucknell University	6
Brown University	11	Hamilton College	6
University of Richmond	11	Union College (New York)	6
University of St Andrews	11	Amherst College	6
Bates College	10	Williams College	6
		Pomona College	6
		Stanford University	6
		The George Washington University	6
		University of Toronto	6
		Babson College	5
		University of California, Berkeley	5
		The University of North Carolina at Chapel Hill	5
		Wake Forest University	5

FEWER THAN 5

Barnard College	Lake Forest College	Swarthmore College
Bentley University	Lewis & Clark College	The Cooper Union
Bishop's University	Linfield College	The New School
Boston College	Massachusetts Institute of Technology	The University of Edinburgh
Bryn Mawr College	McGill University	The University of Texas, Austin
California Institute of the Arts	Michigan State University	United States Military Academy
Carleton College	Morehouse College	United States Naval Academy
Central Connecticut State University	Mount Holyoke College	Universite de Montreal
Claremont McKenna College	Northeastern University	University College London
Clemson University	Oberlin College	University of Bristol
College of the Holy Cross	Occidental College	University of California, Davis
College of William & Mary	Oxford College of Emory University	University of California, Los Angeles
Colorado College	Pitzer College	University of California, San Diego
Concordia University - Montreal	Purdue University	University of California, Santa Barbara
Connecticut College	Rensselaer Polytechnic Institute	University of California, Santa Cruz
Davidson College	Rhode Island School of Design	University of Colorado at Boulder
Dawson College	Rhodes College	University of Denver
Denison University	Rice University	University of Florida
DePauw University	Rutgers University	University of Miami
Dickinson College	Sacred Heart University	University of New Hampshire
Duke University	Saint Mary's College of California	University of New Haven
Eckerd College	Santa Clara University	University of Notre Dame
École des Beaux-Arts	Sciences Po Paris- Campus de Reims	University of Rhode Island
Emory University	Scripps College	University of Rochester
Fairfield University	Seton Hall University	University of Vermont
Gettysburg College	Sewanee: The University of the South	Vanderbilt University
Grinnell College	Skidmore College	Vassar College
Harvey Mudd College	Smith College	Villanova University
Haverford College	Southern California Institute of Architecture	Wagner College
Hillsdale College	Southern Methodist University	Washington and Lee University
Hobart and William Smith Colleges	Springfield College	Wellesley College
Howard University	St. John's University	Whittier College
Indiana University at Bloomington	Stony Brook University	Wilfrid Laurier University
Lafayette College	SUNY Maritime College	Wofford College

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 or personal pursuits. Students can choose from opportunities such as internships, service, employment, and continued learning — in the U.S. or abroad — while living independently and taking responsibility for their choices. In the past four years, 57 students have chosen to take a gap year.

Curriculum

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 values in the School's mission, they study global issues, 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: The program, required of all preps and lower mids (9th and 10th grades), engages students in inquiry-based learning by critically examining texts, participating 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 integrates concepts essential to the mastery of Biology, Chemistry, and Physics. Students gain a perspective on scientific research interactions through the exploration of the natural and constructed environments of Hotchkiss.

UNIQUE FEATURES OF THE CURRICULUM

Applied Scientific Research: Genetics: Students work with the instructor to 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 shape their own projects by proposing a topic, 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 groups of peers and instructors for critical evaluation, culminating in a final presentation open to the entire campus community.

Applied Scientific Research: Observational Astronomy: In this course, students utilize a permanently mounted, 20-inch reflecting telescope and CCD camera system to create images of stars that vary in brightness over time. They perform photometry (to measure the brightness) of these images, and work to characterize the cause of variability. Using technical hardware and software, students practice scientific observational skills, conduct data analysis, and 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.

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.

Honors Economics is a rigorous course that introduces economic theory broadly and how theory applies to sustained growth, income inequality, environmental sustainability, financial crises, and global trade. This course challenges students to think like economists as they identify interactions between historical economic models and the social, political, and global realities of today.

Design for Social Impact: This course 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 region.

PREVIEW OF OUR CURRICULUM REDESIGN

Hotchkiss has undertaken a strategic redesign of our curriculum to better integrate our Mission and the latest research on teaching and learning into our academic program. Here is a brief roadmap of what is ahead:

- In 2019-20
 - Humanities program will be relaunched to strengthen our commitment to global understanding and intentional skills development. Coursework in Humanities will be consolidated from four to three classes, and grades will be reported individually for each discipline.
 - Academic departments are working to create and expanded range of immersive, inquiry-based Honors courses that will ultimately replace AP courses.
- In 2020-21, courses will be renumbered, renamed, and resequenced to give a clearer and more consistent sense of students' progression through the curriculum. We will also begin replacing AP courses with Honor courses.
- By 2021-22, we expect to have completed a transition substantive beyond the AP program.

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.

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 student 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

Greek (GK) 180, 280

Latin (LA) 280, 380, 451, 452, 550

Modern Languages

Chinese (CN) 160, 280, 380, 490, 550

French (FR) 160, 280, 380, 490, 540

German (GM) 180, 280, 380, 490

Spanish (SP) 180, 280, 390, 540, 550, 650

English (EN) 350, 540, 550

Humanities and Social Sciences

Economics (EC) 550, 580, 652

History (HI) 390, 430, 490

Philosophy (PL) 482, 595

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, 665, 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

Theatre (TH) 481, 482

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: **Chewonki School, Island School, and High Mountain Institute**. The yearlong program sanctioned by Hotchkiss is **School Year Abroad (SYA)**.

Students attending sanctioned programs are extended the same amount 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 extends 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 hands-on and ideal, 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 collaborate 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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