Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Program Planning Schedule</td>
<td>3</td>
</tr>
<tr>
<td>Graduation Requirements</td>
<td>3</td>
</tr>
<tr>
<td>Department Requirements</td>
<td>5</td>
</tr>
<tr>
<td>Grade-by-Grade Course Lists</td>
<td>6</td>
</tr>
<tr>
<td>Upper Division Course Number Designations</td>
<td>12</td>
</tr>
<tr>
<td>Service Learning</td>
<td>13</td>
</tr>
<tr>
<td>Katz Library</td>
<td>14</td>
</tr>
<tr>
<td>Co-curricular Activities</td>
<td>15</td>
</tr>
<tr>
<td>Arts: Music</td>
<td>17</td>
</tr>
<tr>
<td>Arts: Theatre &amp; Dance</td>
<td>27</td>
</tr>
<tr>
<td>Arts: Visual Arts</td>
<td>35</td>
</tr>
<tr>
<td>Computer Science &amp; Engineering</td>
<td>51</td>
</tr>
<tr>
<td>Counseling and Guidance</td>
<td>59</td>
</tr>
<tr>
<td>English</td>
<td>63</td>
</tr>
<tr>
<td>History</td>
<td>71</td>
</tr>
<tr>
<td>Interdisciplinary Studies</td>
<td>85</td>
</tr>
<tr>
<td>Mathematics</td>
<td>87</td>
</tr>
<tr>
<td>Physical Education &amp; Health</td>
<td>99</td>
</tr>
<tr>
<td>Science</td>
<td>105</td>
</tr>
<tr>
<td>World Languages</td>
<td>119</td>
</tr>
</tbody>
</table>
Program Planning Schedule 2024-2025

Program of Studies distributed to students in Advisory meetings Tuesday, April 9th

After receiving the Program of Studies, students should review the courses that are available to them and engage in conversations with their advisors and parents/guardians about their plans for the following year. They may also wish to confer with their Grade Dean, who is happy to advise and look at possible scenarios. Please note that parents/guardians and advisors must indicate their approval of a student’s course selections by signing the Course Request Form.

Submission of Students’ Signed Course Request Forms to Advisors Tuesday, May 7th

Online Registration Tuesday, May 21st

Students will receive their finalized schedules in August.

Graduation Requirements

Eighteen full credits in the academic disciplines (see next page for departmental requirements)

Four years of Physical Education/team sports/approved out of school contract

Certification in CPR/AED/First Aid

Health 1 & Health 2

HMO (Ninth-grade Counseling & Guidance requirement)

College Counseling Workshop (Eleventh-grade requirement)

Advisory
Service Learning

Half-credit requirement: starting with the Class of 2027, students will be required to take a minimum of five half-credit courses to graduate.

- Within the 5 half-credit requirement:
  - 1 half-credit must be in Computer Science & Engineering.
  - 3 half-credits must be in the Arts (Visual Arts, Music, or Theatre/Dance).
    - At least 0.5 Arts credits must be in Studio/Performance.
    - At least 0.5 Arts credits must be in Appreciation.
  - As long as the above requirements are met, any other half-credit courses count towards the requirement. Students may choose to continue exploring Arts and Computer Science & Engineering courses, as well as classes in Latin, Ancient Greek, and Science Research.
Departmental Requirements
This is a list of the minimum graduation requirements for each department. Please consult the “Grade-by-Grade Course Lists” for information about when these courses are usually taken. Consult individual department sections for detailed information about courses.

**English**
Continuous enrollment in grades 9 through 12

**History**
Modern World History
United States History
One 300- or 400-level elective

**Mathematics**
Geometry
Algebra II & Trigonometry

**Science**
Biology
Chemistry or Physics through Inquiry, Physics, or Physics Honors

**World Languages**
Proficiency through Level III in Chinese, French, Japanese, Latin, or Spanish

**Arts**
For the classes of 2025 and 2026, a total of two credits in grades 9 through 12, minimum. All students must take at least one half-credit in studio/performance, and at least one half-credit in appreciation.

For the classes of 2027 and 2028, a total of one-and-a-half credits in grades 9 through 12, minimum. All students must take at least one half-credit in studio/performance and at least one half-credit in appreciation. See half-credit requirement above on page 4.

**Computer Science & Engineering**
A total of one half-credit in grades 9 through 12

**Counseling & Guidance**
HMO in grade 9

**Physical Education & Health**
Physical Education in grades 9 through 12, unless replaced by team membership or an approved Independent Out of School/Athletic Contract

Certification in CPR/AED for the Professional Rescuers & Health Care Providers with First Aid

Health 1
Health 2
Grade-by-Grade Course Lists

These are lists of likely courses by grade. Even in ninth grade, students will not have the same list of courses as all others in their grade. But, for the most part, you will find here department requirements and likely lists for students in each grade. Specific questions may be addressed to the student’s advisor or Grade Dean.

Grade 9

Full-credit courses:

English 9
Modern World History

Biology

World Languages Usually level 2 or 2 Honors, depending on the level of previous preparation and/or placement exam. Students are welcome to begin a new language at level 1.

Half-credit courses:

Arts Half-credit course recommended of either type - studio/performance or appreciation.

Computer Science & Engineering Half-credit course recommended.

Additional requirements:

Physical Education
HMO
Advisory
Service Learning
Grade 10

Full-credit courses:

English 10
United States History
Algebra II & Trigonometry
Science
  Chemistry or Physics through Inquiry
World Languages
  Usually level 3 or 3 Honors

Half-credit courses:

At least one half-credit course recommended.

Arts
  Half-credit course of either type - studio/performance or appreciation
Computer Science & Engineering
  Half-credit course if not taken in ninth grade. If the requirement has been met, students may choose an elective course.

Additional requirements:

Physical Education
Health 1
Advisory
Service Learning
Grade 11

Note that student schedules will vary widely beginning in grade 11, depending on completion of graduation requirements and choice of elective courses.

**Full-credit courses:**

**English 11**

3 or 4 other full-credit courses

By the end of tenth grade, most students have satisfied minimum graduation requirements in the Departments of World Languages, Science, and Mathematics. We recommend that students maintain a balanced program and that they not stop studying a given discipline once they have satisfied the minimum requirement. The courses listed here are the next courses in the sequence; note that they may be elective courses at this point.

**History**

Students are required to take a third year in either grade 11 or 12.

**Mathematics**

Most students take one of three Precalculus course options.

**Science**

Most students take Physics (or Chemistry, if Physics through Inquiry was taken in the tenth grade). Students may take an elective course if the appropriate pre- or co-requisites have been fulfilled.

**World Languages**

Students usually take a level 4, a Studies course, or the next course in their sequence of study. In consultation with their Grade Dean, students may elect to study a new world language.
**Half-credit courses:**

**Arts**  
Students continue to work on their graduation requirement or, if the requirement has been met, students may choose an elective art course, either full- or half-credit.

**Computer Science & Engineering**  
Half-credit course if not taken in ninth or tenth grade. If the requirement has been met, students may choose an elective course, either full- or half-credit.

**Additional requirements:**

Physical Education
College Counseling Workshop
Advisory
Service Learning
**Grade 12**

Note that student programs are certain to vary widely in grade 12. See each departmental listing for the available courses and their prerequisite and selection procedures.

**Full-credit courses:**

<table>
<thead>
<tr>
<th>English year-long electives</th>
<th>Students must enroll in either semester-long or 3 or 4 other full-credit courses</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>By the end of tenth grade, most students have satisfied minimum graduation requirements in World Languages, Science, and Mathematics. We recommend that students maintain a balanced program and that they not stop studying in a given discipline once they have satisfied the minimum requirement. The courses listed here are the next courses in the sequence; note that they are mostly elective courses at this point.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>History</th>
<th>Students are required to take a third year of History in either grade 11 or 12.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Mathematics</th>
<th>Students may take a Calculus course, and/or one of the other math electives offered each year.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Science</th>
<th>Students may take an elective course for which the appropriate pre- or co-requisites have been fulfilled.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>World Languages</th>
<th>Students may take a level 4 or 5, a Studies course, or a Seminar course. In consultation with their Grade Dean, students may elect to study a new world language.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Interdisciplinary</th>
<th>Students may apply to do a full-credit Independent Study in place of another full-credit class.</th>
</tr>
</thead>
</table>
Half-credit courses:

Arts
Students continue to work on their graduation requirement or, if the requirement has been met, students may choose an elective art course, either full- or half-credit.

Computer Science & Engineering
Half-credit course if not taken in ninth or tenth grade. If the requirement has been met, students may choose an elective course, either full- or half-credit.

Additional requirements:

Physical Education

Health 2

Advisory

Service Learning
Upper Division Course Number Designations

100-level  Pass/fail, partial-year required courses

200-level  Foundational courses appropriate for all UD students

300-level  Elective courses appropriate for all UD students who have fulfilled the prerequisite foundational coursework, typically taken in eleventh and twelfth grades

400-level  Elective courses with substantial additional rigor; entry requires permission of the department

200H / 300H / 400H-level  Honors courses which typically move at a faster pace and cover additional material relative to equivalent non-Honors courses; entry requires permission of the department

400-Level Courses:

400-level courses involve a level of rigor that requires a strong understanding of foundational work in the field, and as such require departmental approval. The specific requirements are outlined in individual course descriptions. Students who wish to apply for 400-level courses should discuss their current work with the appropriate teachers and Department Chair and should discuss the workload that will be involved with their advisor. Students requesting a schedule of more than three full-credit 400-level courses must receive permission from the Deans’ Office.
Service Learning

In the 2024-2025 academic year, the Upper Division requirement will be grade-wide Service-Learning Days. Attendance is required of each student for their grade’s Service-Learning Day as a graduation requirement. Dates for each grade’s day will be available by the end of the 2023-2024 academic year.

Service-Learning Team and HM 246

The Upper Division Service-Learning Team and HM 246 continue to be the flagship service-learning programs at HM. Students in grades 9-12 who would like to continue their service-learning beyond the requirement are encouraged to apply.

The Service-Learning Team meets weekly after school on Tuesdays, while the HM 246 program meets weekly after school on Mondays. On Thursdays, we meet as a team for reflection, learning, and planning. Each of these programs partners with local community agencies. We plan and facilitate programs for elementary and middle school-aged participants, as well as for older adults.

Each program operates on a trimester schedule, similar to the athletic schedule. Students commit to a minimum of one trimester participation.

For more information on service-learning at HM, please email servicelearning@horacemann.org.
The Katz Library

The Katz Library for the Upper Division is a central hub of student activity. Between making recommendations for leisure reading, helping with databases, and assisting in finding books for specific projects, the librarians and staff are always available to students and faculty.

Because we believe that research skills should not be learned in a vacuum, but rather should be tied to curricula, librarians work closely with faculty and students to provide detailed instruction around specific assignments. To this end, the Library collects heavily in the areas that will support the curriculum and we consistently order books upon request.

The Library’s collection houses more than 53,000 books and DVDs, as well as many print and digital magazines. The Library has access to over half a million ebooks and audiobooks for both leisure reading and school projects. In addition, the Katz Library subscribes to roughly fifty research databases that are available 24/7 through remote access with a student or faculty ID. The Library provides seating for 180 students, with soft-seating areas for comfortable reading and studying. Nearly thirty laptops are available for student use in the Library, as well as several desktops. Seven group study rooms, located on both floors of the library, allow students to work collaboratively. One of these rooms also serves as a research classroom where classes meet to work with librarians and their teacher.

Throughout the school year, the Katz Library hosts a variety of special events, such as Library Spirit Day and Literary Lunch Chat. One of our most popular programs, Lit Chat is the semi-weekly book group meeting for Upper Division students. The discussions focus on books students are currently reading for leisure and for school, beloved books that are being made into movies or television series, and any other book-related topics.

Katz Library Hours
Monday-Thursday: 8:15-5:50pm
Friday: 8:15-3:30pm
Co-Curricular Activities

Athletics
Students at Horace Mann have the opportunity to play on a number of athletic teams. Interscholastic athletics is a significant commitment, and students who plan to play on one or more teams should consider this commitment when planning their schedules for coming years. Teams include:

<table>
<thead>
<tr>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boys’ Cross-Country (V)</td>
<td>Boys’ Basketball (JV, V)</td>
<td>Baseball (JV, V)</td>
</tr>
<tr>
<td>Girls’ Cross-Country (V)</td>
<td>Girls’ Basketball (JV, V)</td>
<td>Boys’ Crew (V)</td>
</tr>
<tr>
<td>Field Hockey (JV, V)</td>
<td>Boys’ Fencing (V)</td>
<td>Girls’ Crew (V)</td>
</tr>
<tr>
<td>Football (JV, V)</td>
<td>Girls’ Fencing (V)</td>
<td>Boys’ Golf (V)</td>
</tr>
<tr>
<td>Boys’ Soccer (JV, V)</td>
<td>Boys’ Skiing (V)</td>
<td>Girls’ Golf (V)</td>
</tr>
<tr>
<td>Girls’ Soccer (JV, V)</td>
<td>Girls’ Skiing (V)</td>
<td>Boys’ Lacrosse (JV, V)</td>
</tr>
<tr>
<td>Girls’ Tennis (JV, V)</td>
<td>Boys’ Squash (V)</td>
<td>Girls’ Lacrosse (JV, V)</td>
</tr>
<tr>
<td>Girls’ Volleyball (JV, V)</td>
<td>Girls’ Squash (V)</td>
<td>Girls’ Rugby (V)</td>
</tr>
<tr>
<td>Water Polo (JV, V)</td>
<td>Boys’ Swimming (V)</td>
<td>Softball (JV, V)</td>
</tr>
<tr>
<td></td>
<td>Girls’ Swimming (V)</td>
<td>Boys’ Tennis (JV, V)</td>
</tr>
<tr>
<td></td>
<td>Table Tennis (V)</td>
<td>Boys’ Track &amp; Field (V)</td>
</tr>
<tr>
<td></td>
<td>Boys’ Indoor Track (V)</td>
<td>Girls’ Track &amp; Field (V)</td>
</tr>
<tr>
<td></td>
<td>Girls’ Indoor Track (V)</td>
<td>Boys’ Volleyball (V)</td>
</tr>
<tr>
<td></td>
<td>Wrestling (JV, V)</td>
<td>Ultimate (V)</td>
</tr>
</tbody>
</table>

Publications
Publications are a prominent part of life at Horace Mann, and more than half of our students write for one or more publications at some time during their years in the Upper Division. Each publication has a faculty advisor who works closely with student writers and editors. Publications that have appeared in recent years include:

| Bibliomann                        | HM Eats                         | Prime                             |
| Business Mann                      | The HuMannitarian               | The Record                        |
| Cinemann                           | The Linguist                    | The Review                        |
| Diagnosis                          | Mannikin                        | Spectrum                          |
| The Equilibrium                    | The Mantra                      | Voyager                           |
| Folio 51                           | Manuscript                      |                                   |
| For The Win                        |                                 |                                   |
**Clubs**

Horace Mann offers a wide variety of clubs for students who wish to pursue interests not addressed by course offerings or explore in greater depth beyond the classroom. Each club is advised by a member of the Horace Mann faculty and is supported by school resources. We encourage students to join one or more clubs that match their interests, as these extra-curricular activities are integral to student life in the Upper Division. When planning their schedules, students should take their club commitments into consideration. Most of the Upper Division’s active clubs are listed here:

- The Aerospace Club
- Animation Nation
- Architecture & Design
- Autism Acceptance Club
- Automotive Engineering Club
- Bioethics Club
- Cancer Awareness Club
- Chemistry Club
- Chess Club
- Classics Society
- Crafts for Cancer
- Cryptocurrency Club
- Debate: Parliamentary
- Debate: Public Forum
- DECA
- Dungeons & Dragons (DnD)
- East Wind West Wind
- Economics Club
- Ethics Bowl Club
- Ethics of AI
- Excelsior
- FBLA
- Feminist Students Association
- FIRST Tech Challenge
- FRC Robotics 5806
- French Club
- Gender Sexuality Alliance (GSA)
- Green HM
- Happiness Club
- HM A Capella Club
- HM American Red Cross Club
- HM Business League (HMBL)
- HM Dance Co. (HMDC)
- HM for Islamic Awareness
- HM Investors Club
- HM Music Outreach Club
- HM SK8
- Hospital Outreach Club
- JASA Connect
- Jewish Culture Club
- Latinx Advocacy Club
- Lions Cricket Club
- Lions’ Report
- Literary Lions
- Math Team
- The Mighty Chondria
- Mock Trial
- Model Congress
- Model United Nations
- NeuroPsych
- The Portfolio Management Club
- Physics & Astronomy Club
- Poetry Out Loud
- Programming Club
- Quizbowl Club
- Ready2Wear
- Saturday Morning Tutoring
- Science Olympiad
- Spirit Squad
- Student Theatre Artists
- Students in Medicine
- Studio HM
- The Union
- Wellness Initiative Club
- Women in STEM
- Woodworking Club