

SEMFlex: Stemming from the varied interests and wide talents of SEM students, our vision is focused on reimagining when, where and how learning happens in order to design a personalized, challenging and transformational learning environment. From the arts to athletics to specialized internships, students competing at a high level in their chosen field need the flexibility to access their academics in an alternative way. SEMFlex meets that need by a unique program that affords our students the most flexibility in their schedule while continuing to provide rigorous academic instruction that allows them to graduate with a SEM diploma.

Advanced Placement Policy & Scores: Students who are enrolled in an AP class are required to sit for the AP exam. Students must receive either teacher or department chair approval to enroll in an AP and/or honors course. We cap the number of AP courses a student can take at 3 per year unless the students has received special permission from the Dean of Students. In May 2024, 68 students sat for 106 total exams.

Class of 2024: 33 students
7 AP Scholar with Distinction, 4 AP Scholars with Honors, 8 AP Scholars

Course Designations: AP (Advanced Placement); H (Honors) - Courses designed to provide more intensive study for students of superior ability and interest. These courses are weighted. No Letter Designation - College Preparatory course.

GRADUATION REQUIREMENTS

English - 4 years
History - 3 years
Foreign Language - 3 years through advanced level
Mathematics - 3 years
Science - 3 years of lab science
+ A 4th year of either Math or Science
Fine Arts - 5 classes

- Students need a minimum of 77 credits to graduate.
- SEM is on a trimester system.
- All attempted courses appear on a student's transcript.
- English electives, with the exception of AP English Language & Composition and Foundational Junior English are open to all juniors and seniors.
- Students are required to volunteer 10 hours of community service per year.
- SEMFlex and Transfer students' requirements may differ.

SEQUENTIAL COURSE OFFERINGS FOR THE 2024-25 SCHOOL YEAR

GRADE 9	GRADE 10	GRADE 11	GRADE 12
English I: Community & Self History I: Western New York History Geometry (*H) Physics (*H) Intro/Intermediate French Intro/Intermediate Spanish Fine Arts: Freshman Arts Eye Health & Leadership U GO SEM Fitness	English II: American Literary Expressions (*H) History II: United States History (*AP) Intermediate Algebra (*H) Biology (*H) Intermediate/Advanced French Intermediate/Advanced Spanish Fine Arts Electives Computer Science Electives Health & Leadership U GO SEM Fitness	English III: Exploring the Literary World AP English Lit History III: The World-Patterns of Change AP World History AP Human Geography Pre-Calculus (*H) Chemistry (*H) Advanced French/French Electives AP French Advanced Spanish/ Spanish Electives AP Spanish Junior Capstone Fine Arts Electives Computer Science Electives Health & Leadership U GO SEM Fitness	English IV: Electives History IV: Electives AP Government AP African American Studies Introduction to Calculus AP Calculus AB Science Electives AP Chemistry AP Biology AP Physics Foreign Language Electives AP French AP Spanish Senior Capstone Fine Arts Electives Computer Science Electives Health & Leadership U GO SEM Fitness

(*H) Course is also offered at the Honors level
Students have the opportunity to take additional courses through One Schoolhouse at any grade level.

ELECTIVE COURSES 2024-2025

English: Science Fiction and Society, Femininity in Literature, Autobiography, Harlem Renaissance Literature, Ghosts in Literature, Existential Literature, Short Story, Modern & Contemporary Poetry, Creative Nonfiction

Science: Astronomy: Solar System, Astronomy: Space Missions & Aliens, Women in Science & Math Who Changed History

Foreign Language: L'Actualité- Current Events, The Francophone World: Québec, La Culture Francophone au Québec, La Culture Francophone au Québec, Cinema- French Culture in Movies, CinemaLatinoAmericano- Latin American Culture in Movies, Latin American Dance, La Actualidad- Current Events

Visual Arts: Intro to Drawing, Basic Painting, Advance Drawing, Print Making, Mixed Media Mash-Up, Intro to Photography, Art & Social Activism, Photography Mixed Media, Graphic Print & Design, Foundations in Abstraction, Foundations: Women in Art

Computer Science: Computer Science: App & Game Design, Computer Science: Web Design, Cybersecurity, Python Programming

Performing Arts: Dead Playwrights, Living Playwrights, Absurdist Drama, Intro to Acting, Intro to Acting Shakespeare, Advanced Acting Shakespeare, Theatrical Production, Intro to Puppetry, Playin' with a Playwright, Elements of Music, Foundations in Film Music, Music Theory, Composing/Song Writing, Intro to Ukelele, Women in Music