

SPECIAL PROGRAMS

Interphase EDGE: Pre-Freshman Summer Component

SP.100 Interphase

Prereq: Commitment to register as a freshman in the Fall

U (Summer)

Units arranged [P/D/F]

Interphase is a seven-week program designed to enhance the academic success of students entering MIT. The program has a dual focus: it gives students an introduction to the MIT experience by exposing them to the rigors of a full subject load while simultaneously preparing them for academic success beyond MIT. The program includes calculus; chemistry; physical education; physics; writing, oral presentation and teamwork skills; and supporting academic activities, including small-group learning. Students can earn transcript credit for subjects taken in the program, sometimes resulting in advanced placement in corresponding subjects taken in the Fall. Activities include day trips to area cultural, recreational, and business sites. Students participate in a range of personal and educational development seminars and activities designed to ensure their smooth transition to college life.

S. Kalloo

Seminar XL

SP.110 Program XL: You Can Be a Success at MIT

Prereq: First-year undergraduate standing

U (Fall)

Units arranged [P/D/F]

Academic enrichment program for first-year students, XL utilizes the innovative and effective small-group learning concept to enhance academic performance in calculus and science. Students meet in study groups of five to six participants with facilitators trained in effective classroom techniques and concept focus. Study groups help students to reinforce concepts learned in the regular curriculum, and help them gain mastery of concepts and problems that are often more challenging than those dealt with during lecture. Emphasizes the full participation of each student with the facilitator acting as guide. The regularity of weekly meetings enhances the students' understanding of MIT's academic expectations. After the initial meetings, students are encouraged to take more responsibility and to lead the group in problem-solving sessions. Each study group meets for a minimum of three hours each week. The meeting time is set by the XL facilitator based on students' schedules.

A. Perry

SP.120 Program XL: You Can Be a Success at MIT

Prereq: First-year undergraduate standing

U (Spring)

Units arranged [P/D/F]

Academic enrichment program for first-year students, XL utilizes the innovative and effective small-group learning concept to enhance academic performance in calculus and science. Students meet in study groups of five to six participants with facilitators trained in effective classroom techniques and concept focus. Study groups help students to reinforce concepts learned in the regular curriculum, and help them gain mastery of concepts and problems that are often more challenging than those dealt with during lecture. Emphasizes the full participation of each student with the facilitator acting as guide. The regularity of weekly meetings enhances the students' understanding of MIT's academic expectations. After the initial meetings, students are encouraged to take more responsibility and to lead the group in problem-solving sessions. Each study group meets for a minimum of three hours each week. The meeting time is set by the XL facilitator based on students' schedules.

A. Perry

Terrascope

SP.35UR Undergraduate Research in Terrascope

Prereq: None

U (Fall, IAP, Spring, Summer)

Units arranged [P/D/F]

Can be repeated for credit.

Undergraduate research opportunities in Terrascope.

Staff

SP.360 Terrascope Radio

Prereq: None

U (Spring)

3-3-6 units. HASS-A; CI-H

An exploration of radio as a medium of expression and communication, particularly the communication of complex scientific or technical information to general audiences. Examines the ingredients of effective radio programming, drawing extensively on examples from both commercial and public radio. Student teams produce, assemble, narrate, record and broadcast/webcast radio programs on topics related to the complex environmental issue that is the focus of the year's Terrascope subjects. Includes multiple individual writing assignments that explore the constraints and opportunities in radio as a medium. Limited to 15 first-year students.

A. W. Epstein

Freshman/Alumni Summer Internship Program

SP.800 Freshmen/Alumni Summer Internship Program

Prereq: None

U (Spring)

Units arranged

Prepares freshmen for summer internships in various companies. Includes sessions on leadership skill development, interviewing, communications, negotiation, and dynamics in the workplace. Upon registering for the program, students have readings, writings, discussions, and role-playing exercises. Attendance at the sessions are mandatory.

C. Capozzola

SP.801 Freshman/Alumni Summer Internship Program II

Prereq: SP.800

U (Fall; first half of term)

Units arranged

Students who have completed the subject requirements for SP.800 and worked in an approved internship polish their communication skills further by writing reflection papers and giving a formal presentation about their experiences upon their return in the Fall.

C. Capozzola

SP.350 Special Subject: Terrascope

Prereq: Permission of instructor

U (Fall, Spring)

Units arranged

Can be repeated for credit.

Covers areas of study not included in the regular Terrascope curriculum. Preference to students in Terrascope.

Staff