289. Seminar in Comparative Literary Criticism
Fall. 3(3-0) A student may earn a maximum of 3 credits in all enrollments for this course. Interdepartmental with English, Romance Languages, and Linguistics and Languages.
R: AL 822; R: Approval of college.
R: Interdisciplinary approach to comparative literature with attention to the development of critical approaches and to current topics in the critical literature.

290. Independent Study
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with English, Romance Languages, and Linguistics and Languages.
R: Approval of department. Spring
R: Not open to freshmen. Completion of Tier I writing requirement.
R: Selected writers, genres, themes, or regions in Asian and Asian diasporic literature.

291. Special Topics in Asian Languages
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with English, Romance Languages, and Linguistics and Languages.
R: Approval of department. Spring
R: Open only to seniors. Approval of department.
R: Special topics supplementing regular course offerings proposed by faculty on a group study basis.

ASTRONOMY AND
ASTROPHYSICS

Department of Physics and Astronomy
College of Natural Science

101. The Celestial Clockworks
Spring. (1-0)
R: Relationship between ancient skylore and timekeeping. Establishment of a calendar and celestial navigation. Development of the Greek horoscope as a time recorder and coordinate system.

201. Astrophysics and Astronomy I
Fall. 3(4-0)
R: PHY 183 or PHY 183B or PHY 193H; MTH 122 or MTH 152H.
R: Overview of the universe: the celestial sphere, orbits, spectra, the solar system, stars, and stellar evolution.

202. Astrophysics and Astronomy II
Spring. 4(3-2)
R: PHY 184 or PHY 184B or PHY 294H; MTH 234 or MTH 254H.
R: Intergalactic medium, the milky way, galaxies, and the large-scale structure of the universe. Coordinate system, instruments, and data analysis.

203. Junior Research Seminar
Spring. 1(1-0) A student may earn a maximum of 4 credits in all enrollments for this course. Interdepartmental with Physics.
R: Preparation and presentation of a review paper on a current topic in astronomy or astrophysics.

204. Directed Studies
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with Physics.
R: Approval of department. Fall
R: Individual study or project in astronomy or astrophysics under the direction of a faculty member.

401. Stars
Fall. 3(3-0)
R: PHY 321 or concurrently. Fall