pate in a project involving the design and implementa-
tion of a user interface system. This course is offered as both CSE 333 and ISE 333.
Prerequisite: CSE 219
Advisory prerequisite: PSY 103
3 credits

ISE 334 Introduction to Multimedia Systems
Survey of technologies available for user interfaces. Discussion of hypertext; voice, music, and video together with tools and models for capturing, editing, presenting, and combining them. Capabilities and characteristics of a range of peripheral devices including devices based on posture, gesture, head movement, and touch. Case studies of academic and commercial multimedia systems including virtual reality systems. Students participate in laboratory exercises and build a multimedia project. This course is offered as both CSE 334 and ISE 334.
Prerequisites: CSE or ISE major; U3 or U4 standing
3 credits

ISE 336 Internet Programming
Introduces the design and development of software for the Internet. Topics include extended markup language, servlets, cookies, sessions, Internet media types, Web protocols, digital signatures, certificates, encryption, and the wireless Internet. This course is offered as both CSE 336 and ISE 336.
Prerequisite: CSE 219
3 credits

ISE 364 Advanced Multimedia Techniques
Digital media production techniques for high-bandwidth applications such as electronic magazine illustration, broadcast television, and motion picture special effects. Students explore techniques such as 3D modeling and character animation, video compositing, and high-resolution image processing in a state-of-the-art multimedia computing laboratory. High-capacity multimedia storage, high-speed networks, and new technologies such as DVD, HDTV, and broadband will be reviewed. This course is offered as both CSE 364 and ISE 364.
Prerequisites: CSE/ISE 334 and permission of the instructor
3 credits

ISE 390 Special Topics in Information Systems
Lecture or seminar course on a current topic in information systems. System semesters are provided to this Bulletin contain specific description when course is offered. May be repeated for credit as the topic changes, but cannot be used more than twice to satisfy ISE major requirements.
Prerequisites: ISE or CSE major; U3 or U4 standing
3 credits

ISE 391 Special Topics in Information Systems
Lecture or seminar course on a current topic in information systems. System semesters are provided to this Bulletin contain specific description when course is offered. May be repeated for credit as the topic changes, but cannot be used more than twice to satisfy ISE major requirements.
3 credits

ISE 475 Undergraduate Teaching Practicum
Students assist faculty by conducting a recitation or laboratory section that supplements a lecture course. The student receives regularly scheduled supervision from the faculty advisor. May be used as an open elective only and repeated once.
Prerequisites: U4 standing as an undergraduate CEAS major; a minimum g.p.a. of 3.00 in all Stony Brook courses; grade of B or better in the course in which the student is to assist; or permission of department
3 credits

ISE 487 Research in Information Systems
An independent research project with faculty supervision. Only three credits of research electives (AMS 487, BME 487, CSE 487, ESE 499, ESM 499, EST 499, ISE 487, MEC 499) may be counted toward technical elective requirements. May not be taken for more than six credits.
Prerequisites: Permission of instructor and department
0-6 credits

ISE 488 Information Systems Internship
Participation in local, state, national, or international private enterprises, public agencies, or nonprofit institutions. Students are required to submit a written proposal, progress reports, and a final report on their experience to the client and to the department. May be repeated up to a limit of 12 credits but only 3 credits of CSE or ISE 488 may be used as an elective to satisfy ISE major requirements.
Prerequisites: ISE major; U3 or U4 standing; permission of faculty advisor. May be used as an open elective to satisfy ISE major requirements.
3 credits

ISE 490 Special Topics in Information Systems
Lecture or seminar course on a current topic in information systems. System semesters are provided to this Bulletin contain specific description when course is offered. May be repeated for credit as the topic changes, but cannot be used more than twice to satisfy ISE major requirements.
Prerequisites: ISE or CSE major; U3 or U4 standing
3 credits

ITL 101 Intensive Elementary Italian
An intensive course covering the elementary Italian program (ITL 111, 112) in one semester. ITL 101 is designed for students who have no prior knowledge of the language. A student who has had two or more years of Italian in high school (or who has otherwise acquired an equivalent proficiency) may not take this course without written permission from the supervisor of the course. May not be taken for credit after another course in Italian.
6 credits

ITL 111 Elementary Italian I
An introduction to spoken and written Italian, stressing pronunciation, speaking, comprehension, reading, and writing. Selected texts are read. Practice in language laboratory supplements class work. ITL 111 is designed for students who have no prior knowledge of the language. A student who has had two or more years of Italian in high school (or who has otherwise acquired an equivalent proficiency) may not take ITL 111 without written permission from the supervisor of the course. May not be taken for credit in addition to ITL 101.
4 credits

ITL 112 Elementary Italian II
An introduction to spoken and written Italian, stressing pronunciation, speaking, comprehension, reading, and writing. Selected texts are read. Practice in language laboratory supplements class work. May not be taken for credit in addition to ITL 101.
Prerequisite: ITL 111
4 credits

ITL 201 Intensive Intermediate Italian
An intensive course covering the intermediate Italian program (ITL 211, 212) in one semester. May not be taken for credit in addition to ITL 211, 212.
Prerequisite: ITL 101 or 112
6 credits

ITL 211 Intermediate Italian I
Intermediate courses in the reading and discussion of selected Italian texts. Completion of grammatical and syntactic points not covered in Elementary Italian. Extensive practice in conversational ability. May not be taken for credit in addition to ITL 201.
Prerequisite: ITL 101 or 112
3 credits

ITL 212 Intermediate Italian II
Intermediate courses in the reading and discussion of selected Italian texts. Completion of grammatical and syntactic points not covered in Elementary Italian. Extensive practice in conversational ability. May not be taken for credit in addition to ITL 201.
Prerequisite: ITL 211
3 credits

ITL 311 Italian Conversation and Composition
A course in spoken and written Italian, with emphasis on precision and fluency in the spoken form.
Prerequisites: ITL 211 or 212
3 credits

ITL 312 Italian Conversation and Composition
Reading of selected short passages of prose and poetry in class, with emphasis on improved writing skills, oral expression, and increased mastery of Italian syntax and techniques of literary analysis.
Prerequisites: ITL 210 or 212
3 credits

ITL 313 Italian Vocabulary
A course designed to increase the vocabulary and oral comprehension of students of Italian through media such as television commercials, folk songs, etc. The particular theme changes each semester. May be repeated twice for credit as the topic changes.
Prerequisite: ITL 210 or 212
1 credit

ITL 395-G Readings in Italian Literature I
Literary analysis and its application to representative short stories and novels chosen from the various periods of Italian literature. Readings, writings, and discussions are in Italian.
Prerequisites: ITL 311
Pre- or Corequisite: ITL 312
3 credits

ITL 396-G Readings in Italian Literature II
Literary analysis and its application to representative plays and poems chosen from the various periods of Italian literature. Readings, writings, and discussions are in Italian.
Prerequisites: ITL 311
Pre- or Corequisite: ITL 312
3 credits

ITL 410 Business Italian
A course designed for students who wish to become more proficient in reading, writing, and translating Italian. Students are also trained in the use of Italian in business, in administration, and in everyday professional life. Emphasis is placed on the idiomatic peculiarities of the Italian language and the relation of Italian to the structure of English.
Prerequisites: ITL 311, 312, HUL 324, or permission of instructor
3 credits

ITL 411 Advanced Conversation and Composition
A course designed to develop fluency and accuracy in the use of the spoken language through intensive practice, exposition, class discussion, and the use of the language laboratory.
Prerequisites: ITL 311, 312, HUL 324, or permission of instructor
3 credits

ITL 412 Advanced Conversation and Syntax
A course designed to acquaint students with the subtleties of Italian grammar and style. Extensive practice in composition and in translations, popular music, folk songs, etc. The particular theme changes each semester. May be repeated twice for credit as the topic changes.
Prerequisites: ITL 311, 312, HUL 324, or permission of instructor
3 credits
ITL 424 History of the Italian Language
A study of the history of the Italian language from Latin to its present form.
Prerequisites: ITL 311, 312, HUL 324, or permission of instructor
3 credits

ITL 425 Italian and Its Dialects
An examination of the Italian dialects within the larger framework of Romance language development, particularly through primary texts (medieval to modern) in various Italian dialects.
Prerequisites: ITL 311, 312, HUL 324, or permission of instructor
3 credits

ITL 426 Italian Linguistics
An examination of the linguistic evolution and the synchronic structures (phonology, morphology, and syntax) of standard Italian and some Italo-Romance dialects.
Prerequisites: ITL 311, 312, HUL 324, or permission of instructor
3 credits

ITL 430 Studies in 13th- and 14th-Century Literature
Semester Supplements to this Bulletin contain description when course is offered. May be repeated as the topic changes.
Prerequisites: ITL 311, 312, 395, and 396
3 credits

ITL 431 Studies in 13th- and 14th-Century Literature
Semester Supplements to this Bulletin contain description when course is offered. May be repeated as the topic changes.
Prerequisites: ITL 311, 312, 395, and 396
3 credits

ITL 432 Studies in 15th- and 16th-Century Literature
Semester Supplements to this Bulletin contain description when course is offered. May be repeated as the topic changes.
Prerequisites: ITL 311, 312, 395, and 396
3 credits

ITL 433 Studies in 17th- and 18th-Century Literature
Semester Supplements to this Bulletin contain description when course is offered. May be repeated as the topic changes.
Prerequisites: ITL 311, 312, 395, and 396
3 credits

ITL 434 Studies in 19th-Century Literature
Semester supplements to this Bulletin contain specific description when course is offered. May be repeated for credit as the topic changes.
Prerequisites: ITL 311, 312, 395, and 396
3 credits

ITL 435 Studies in Contemporary Literature
Semester Supplements to this Bulletin contain description when course is offered. May be repeated as the topic changes.
Prerequisites: ITL 311, 312, 395, and 396
3 credits

ITL 436 Special Topics in Italian Cinema
A topics course given in Italian on Italian cinema. Topics may include films of a particular actor or director, genre, theme, or historical period. Semester supplements to this Bulletin contain specific description when course is offered. May be repeated for credit as the topic changes.
Pre-or Corequisites: ITL 311 and 312
Advisory Prerequisite: HUL 251
3 credits

ITL 440-I The Italian Scene
The reality of Italy and the Italian people through a study of the evolution of the historical, cultural, political, and social character of the nation.
Prerequisites: ITL 311, 312, HUL 324, or permission of instructor
3 credits

ITL 441 Free Seminar
A seminar built around a theme such as “Cities in Italian Literature,” “Women in Italian Literature,” “Death and Resurrection in Contemporary Italian Literature,” or “Sin and Sensuality in the Italian Short Story.” A detailed description of the seminar may be obtained from the department for each semester it is offered. May be repeated as the topic changes.
Prerequisites: ITL 311, 312, HUL 324, or permission of instructor
3 credits

ITL 447 Directed Readings in Italian
Individually supervised readings in selected topics in Italian language and literature or, alternatively, for the purpose of developing Italian vocabulary in a secondary field, in selected topics in the humanities, social sciences, or natural sciences. May be repeated.
Prerequisite: Permission of instructor
1-6 credits

ITL 475 Undergraduate Teaching Practicum I (in Italian)
Each student conducts a regular problem or tutorial section that supplements a regular language course under the guidance of a master teacher. Responsibilities may include preparing materials for discussion and helping students with problems. Not for major or minor credit.
Prerequisites: Fluency in Italian; permission of instructor and department
2 credits, S/U grading

ITL 476 Undergraduate Teaching Practicum in Italian II
Work with a faculty member as an assistant in one of the faculty member's regularly scheduled classes. Students assume greater responsibility in such areas as leading discussions and analyzing results of tests that have already been graded. The course in which the student is permitted to work as a teaching assistant must be different from the course in which he or she previously served.
Prerequisites: Fluency in Italian; permission of instructor and department
2 credits, S/U grading

ITL 488 Internship
Participation in local, state, national, and international public and private agencies and organizations to apply and reinforce language skills and knowledge of social and cultural institutions.
Prerequisites: ITL 410; permission of instructor and department
0-6 credits, S/U grading

ITL 495 Senior Honors Project in Italian
A one-semester project for seniors. Arranged in consultation with the department, the project involves writing a paper, under the close supervision of an appropriate instructor, on a suitable topic. Students who are candidates for honors take this course.
Prerequisite: Permission of department
3 credits

ITL 440-J The Italian Scene
The reality of Italy and the Italian people through a study of the evolution of the historical, cultural, politi- cal, and social character of the nation.
Prerequisites: ITL 311, 312, HUL 324, or permission of instructor
3 credits

Information and Technology Studies

ITS 101 Introduction to Stony Brook
A seminar intended to integrate students into the Undergraduate College of Information and Technology Studies and into the University community by providing information about Stony Brook and a forum for discussion of values, intellectual and social development, and personal as well as institutional expectations. Required for all students. Not credit in addition to ACH 101, LDS 101, HDV 101, HDV 102, or SSO 102.
Prerequisite: Admission to the ITS Undergraduate College
1 credit, ABC/U grading

ITS 102 Topics in Information and Technology Studies
A seminar for students in the College of Information and Technology Studies. Various topics within the scope of information, technology, and engineering studies. Required for all first year students. Not for credit in addition to ACH 102, GLS 102, HDV 102, LDS 102, or SSO 102.
Prerequisite: Admission to the ITS Undergraduate College
1 credit, ABC/U grading

ITS 275 Undergraduate College Fellows Seminar
Creates a curricular component for the second year of the Undergraduate College Experience. College fellows will enrol in the ITS 275 course in the spring semester of their freshman year and ITS 276 in the fall semester of their sophomore year. 275 (spring) engages students in four main content areas: student development theory, scholarship on mentoring and leadership development, concepts of teaching and learning, and programming and event planning. These areas prepare students for supervised learning and teaching experiences that will occur primarily in the fall 276 course.
Prerequisites: Grade of “S” in ITS 101 and a strong desire to help other students. Enrollment in the corresponding Undergraduate College; permission of the instructor.
3 credits, S/U grading

ITS 276 Undergraduate College Fellows Practicum
The second semester in the sequence following ITS 275. Students assume higher responsibility and are given opportunities to apply teaching theories and concepts as learned in ITS 275. Students act as a TA for ITS 101.
Prerequisites: A grade of “S” in ITS 275. Enrollment in the corresponding Undergraduate College; permission of the instructor.
1 credit, S/U grading

JDH Judaic Studies: Humanities

JDH 230-G Judaism
A survey of the great texts of the Judaic heritage, with the aim of learning the contribution of each to the Jewish tradition. The course includes an examination of characteristic Jewish beliefs, practices, and attitudes.
This course is offered as both JDH 230 and RLS 230.
3 credits

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