SPANISH

Department of Romance and Classical Languages
College of Arts and Letters

101. Elementary Spanish I
Fall, Spring. (4-1)
R: No previous experience in Spanish or designated score on Spanish Placement Test. Not open to students with credit in SPN 102.
Practice in reading, speaking, listening, and writing skills. Pronunciation, grammar, vocabulary, and cultural topics.
QA: SPN 101, SPN 102

102. Elementary Spanish II
Fall, Spring. (4-1)
P: SPN 101 or designated score on Spanish Placement Test. Not open to students with credit in SPN 102.
Further practice in using and understanding Spanish to develop listening, speaking, reading, and writing skills. Pronunciation, grammar, vocabulary, and cultural topics.
QA: SPN 102 QQA: SPN 101, SPN 102

150. Review of Elementary Spanish
Fall, Spring. (3-1)
R: Open to students with high school credit in Spanish and designated score on Spanish Placement Test. Not open to students with credit in SPN 101 or SPN 102.
Review of college first-year Spanish for students who had the language in high school and who need to strengthen communication skills, vocabulary, grammar, and pronunciation before study at the 200 level.
QA: SPN 190

201. Second Year Spanish I
Fall, Spring. (4-0)
P: SPN 102 or SPN 150 or R: Designated score on Spanish Placement Test.
Intermediate-level review and development of aural comprehension, speaking, reading, and writing skills. Topics in the cultures of the Spanish-speaking world.
QA: SPN 190, SPN 190 QQA: SPN 201, SPN 202

202. Second Year Spanish II
Fall, Spring. (4-0)
P: SPN 201.
Further review and development of aural comprehension, speaking, reading, and writing skills. Topics in the cultures of the Spanish-speaking world.
QA: SPN 202 QQA: SPN 201, SPN 202

290. Independent Study
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course.
R: Approval of department.
Special projects arranged by an individual student and a faculty member in an area supplementing regular course offerings.

320. Grammar and Composition
Fall, Spring. (3-0)
Systematic study of Spanish grammar and composition. Extensive writing in Spanish.
QA: SPN 203 QQA: SPN 221, SPN 322

330. Phonetics and Oral Spanish
Fall, Spring. (3-0)
P: SPN 320.
Phonetic description of the sound system of Spanish, developed linguistically and applied to the improvement of pronunciation and spoken Spanish.
QA: SPN 208 QQA: SPN 300

340. Spanish Culture
Fall. (3-0)
P: SPN 320.
Aspects of political, social, economic, intellectual, artistic, and literary life of Spain from its origins to the present. Readings, films, and musical selections used as sources for discussion in Spanish.
QA: SPN 208, SPN 322 QQA: SPN 327

345. Spanish American Culture
Spring. (3-0)
P: SPN 320.
Aspects of political, social, economic, intellectual, and literary life of Spanish America. Readings, films, and musical selections used as sources for discussion in Spanish.
QA: SPN 208, SPN 322 QQA: SPN 345

346. Hispanic Cultures in the United States
Spring of odd-numbered years. (3-0)
R: Not open to students with credit in SPN 150.
History and culture of the varied Hispanic groups in the United States. Migrant and bilingual education. Border and Caribbean cultures. Literary and artistic expressions.
QA: SPN 326

350. Introduction to Reading Hispanic Literature
Fall. Spring. (3-0)
P: SPN 320.
Close reading of poetry, drama, and prose.
QA: SPN 208 QQA: SPN 361

355. Hispanic Literatures in English Translation
Spring. (3-0)
R: Not open to freshmen.
Selected representative works or themes of the literatures of Spain or Spanish America.

410. Survey of Spanish Literature I
Fall of even-numbered years. (3-0)
P: SPN 350; SPN 340 or SPN 345.
Major periods, trends, and authors from the origins through the literature of the Golden Age.
QA: SPN 361, SPN 322 QQA: SPN 362

411. Survey of Spanish Literature II
Spring of even-numbered years. (3-0)
P: SPN 350; SPN 340 or SPN 345.
Major periods, trends, and authors from the Spanish Enlightenment to the post-Franco era.
QA: SPN 361, SPN 322 QQA: SPN 363

415. Survey of Spanish American Literature I
Fall of odd-numbered years. (3-0)
P: SPN 350; SPN 340 or SPN 345.
Survey of literature from the conquest through the nineteenth century.
QA: SPN 361, SPN 322 QQA: SPN 364

416. Survey of Spanish American Literature II
Spring of odd-numbered years. (3-0)
P: SPN 350; SPN 340 or SPN 345.
Survey of literature of the twentieth century.
QA: SPN 361, SPN 322 QQA: SPN 365

425. Linguistic Grammar
Fall. (3-0)
P: SPN 520; LIN 401 or ROM 401.
Linguistic justification and investigation of major grammar rules of Spanish. Extension of generalizations from spoken and written Spanish.
QA: SPN 322, LIN 401 QQA: SPN 422, SPN 423

430. Topics in Hispanic Linguistics
Spring. (3-0)
P: SPN 320, LIN 401 or ROM 401.
Topics include phonology, contrastive structures, and syntax.
QA: SPN 322, LIN 401 QQA: SPN 420, SPN 421

450. Spanish Literature of the Middle Ages
Fall of even-numbered years. (3-0)
P: SPN 410, SPN 411; or SPN 415, SPN 416.
Major currents of the Middle Ages as reflected in the writings of representative authors of the period.
QA: SPN 361 or SPN 363 or SPN 365 QQA: SPN 450

455. Cervantes
Spring of odd-numbered years. (3-0)
P: SPN 410, SPN 411; or SPN 415, SPN 416.
Don Quijote, representative novels ejemplares, dramatic and poetry.
QA: SPN 361 or SPN 363 or SPN 365 QQA: SPN 455

460. Spanish Golden Age Literature
Fall of odd-numbered years. (3-0)
P: SPN 410, SPN 411; or SPN 415, SPN 416.
Principal literary movements of sixteenth-century Spain through representative major works in all genres, and pertinent secondary sources.
QA: SPN 361 or SPN 363 or SPN 365 QQA: SPN 460

465. 19th Century Spanish Literature
Spring of odd-numbered years. (3-0)
P: SPN 410, SPN 411; or SPN 415, SPN 416.
Principal literary movements of nineteenth-century Spain through representative major works in all genres, and pertinent secondary sources.
QA: SPN 361 or SPN 363 or SPN 365 QQA: SPN 465

470. 20th Century Spanish Literature
Fall of even-numbered years. Spring. (3-0)
P: SPN 410, SPN 411; or SPN 415, SPN 416.
Principal literary movements of Spain through major works, generations, and authors.
QA: SPN 361 or SPN 363 or SPN 365 QQA: SPN 470

475. Spanish American Literature through the 19th Century
Spring of even-numbered years. (3-0)
P: SPN 410, SPN 411; or SPN 415, SPN 416.
Development of Spanish American Literature from its origins through the nineteenth Century.
QA: SPN 361 or SPN 363 or SPN 365 QQA: SPN 475

480. Spanish American Literature of the 20th Century
Fall of odd-numbered years. (3-0)
P: SPN 410, SPN 411; or SPN 415, SPN 416.
Major works of poetry, theatre, prose fiction, and essay.
QA: SPN 361 or SPN 363 or SPN 365 QQA: SPN 480

485. Topics in Hispanic Literatures of the Americas
Spring of odd-numbered years. (3-0)
P: SPN 410, SPN 411; or SPN 415, SPN 416.
A national literature or regional literature: Hispanic Caribbean, Mexico and Central America, Andean Countries, River Plate area, or Latino literature in the United States.
QA: SPN 363 or SPN 365 QQA: SPN 485

490. Independent Study
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course.
R: Approval of department.
Special project arranged by an individual student and faculty member in an area supplementing regular course offerings.
QA: SPN 499

491. Special Topics in Spanish
Fall, Spring. (3-0)
R: Approval of department.
Special topics supplementing regular course offerings, proposed by faculty on a group study basis.

500. Current Approaches to Spanish Instruction
Fall. (3-0)
Theoretical and applied study of methodologies of teaching Spanish.
QA: SPN 500
805. Evolution of the Spanish Language
Spring of even-numbered years. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course.
Phonology, morphology and syntax of Spanish from its origins to the present.
QA: SPN 805

806. Topics in Hispanic Linguistics
Spring of odd-numbered years. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course.
QA: SPN 806

807. Topics in Hispanic Culture
Spring of even-numbered years. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course.
Topics such as the Enlightenment, Post-Francoist film, and pre-Columbian cultures.
QA: SPN 807

810. Studies in Medieval Spanish Literature
Spring of odd-numbered years. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course.
Works, genres, and writers of the Spanish Middle Ages. Topics vary.
QA: SPN 810

811. Studies in Golden Age Literature
Fall of even-numbered years. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course.
Poetry, drama, and prose of 16th and 17th century Spain. Topics vary.
QA: SPN 811

820. Cervantes
Fall of odd-numbered years. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course.
Critical study of "Don Quijote," "Nouelas Ejemplares," or other works.
QA: SPN 820

825. Studies in 18th and 19th Century Spanish Literature
Spring of even-numbered years. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course.
Literature from post-Baroque Spain to the Generation of 1898. Topics vary.
QA: SPN 825

830. Studies in 20th-Century Spanish Literature
Spring of odd-numbered years. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course.
Authors, generations, and tendencies that shape the direction of Spanish literature in the 20th Century.
Topics vary.
QA: SPN 830

835. Spanish-American Literature before Modernismo
Spring of odd-numbered years. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course.
Major authors and movements from the colonial period to Modernismo. Topics vary.
QA: SPN 835

840. Contemporary Spanish-American Literature
Fall of odd-numbered years. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course.
Poetry, drama, prose, fiction, and essay from Modernismo to the present. Topics vary.
QA: SPN 840

890. Independent Study
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 9 credits in all enrollments for this course.
R: Approval of department.
Special projects, directed reading, and research arranged by an individual graduate student and a faculty member in areas supplementing regular course offerings.
QA: SPN 890

891. Special Topics in Spanish
Fall, Spring, Summer. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.
R: Approval of department.
Special topics supplementing regular course offerings proposed by faculty on a group study basis for graduate students.

899. Doctoral Dissertation Research
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 24 credits in all enrollments for this course.
R: Approval of department.
QA: SPN 899

STATISTICS AND PROBABILITY
Department of Statistics and Probability
College of Natural Science

200. Statistical Methods
Fall, Spring, Summer. 3(3-0)
P: MTH 103 or designated score on mathematics placement test. R: Not open to students with credit in STT 201 or STT 315 or STT 421.
Descriptive statistics, elementary probability and combinatorics. The binomial distribution. Random variables, their expectations and variances. Central Limit Theorem, estimation and inference. Simple tests based on the binomial, normal, t, chi-square and F distributions.
QM: MTH 108 QA: STT 201

201. Statistical Methods
Fall, Spring, Summer. 4(3-0)
P: MTH 103 or designated score on mathematics placement test. R: Not open to students with credit in STT 200 or STT 315 or STT 421.
Probability and statistics with computer applications. Data analysis, probability models, random variables, tests of hypotheses, confidence intervals, simple linear regression.
QP: MTH 108

315. Introduction to Probability and Statistics for Business
Fall, Spring, Summer. 3(3-0)
P: MTH 120 or MTH 124 or MTH 132. R: Not open to students with credit in STT 200 or STT 201 or STT 421.
Probability and statistics for business majors. Data analysis, probability models, random variables, simple population confidence intervals and tests of hypotheses with business applications.
QM: MTH 111 QA: STT 315

331. Statistics for Scientists
Fall, Spring, 3(3-0)
P: MTH 120 or MTH 124 or MTH 132 or LBS 101. R: Open only to students in College of Natural Science.
Calculus based course in probability and statistics. Probability models, random variables, tests of hypotheses, confidence intervals with applications in sciences.
QP: LBS 113 or MTH 113

351. Probability and Statistics for Engineers
Fall, Spring, Summer. 3(3-0)
P: MTH 234. R: Not open to students with credit in STT 450.
A calculus based course in probability and statistics for engineering students. Probability models, random variables, tests of hypotheses, and confidence intervals with engineering applications.
QA: STT 351

421. Statistics I
Fall, Spring, Summer. 3(3-0)
P: MTH 103 or MTH 110 or MTH 116. R: Not open to students with credit in STT 200 or STT 311 or STT 315.
Basic probability, random variables, and common distributions. Estimation, confidence intervals, tests of hypotheses, simple linear regression and correlation. 1-way ANOVA.
QP: MTH 420 QA: STT 421, STT 422

422. Statistics II
Fall, Spring, Summer. 3(3-0)
P: STT 421. R: Not open to students with credit in STT 444.
Goodness of fit and other non-parametric methods. Linear models including multiple regression and ANOVA for simple experimental designs.
QP: STT 421 QA: STT 422, STT 423

430. Introduction to Probability and Statistics
Fall. 3(3-0)
P: MTH 128 or MTH 131. R: Open only to Economics and Agricultural Economics majors. Not open to students with credit in STT 431.
Calculu based probability and statistics with applications. Discrete and continuous random variables and their expectations. Joint and marginal distributions, tests of hypotheses, simple linear regression.
QP: MTH 113 or MTH 123 or MTH 480

441. Probability and Statistics I
Probability
Fall, Spring, Summer. 3(3-0)
P: MTH 238 or concurrently.
QP: MTH 215 QA: STT 441, STT 443

442. Probability and Statistics II
Fall, Spring. 3(3-0)
P: STT 441, MTH 314.
Estimation, tests of hypotheses, confidence intervals. Goodness of fit, non-parametric methods. Linear models, multiple regression, ANOVA.
QP: STT 441 QA: STT 442, STT 443

461. Computations in Probability and Statistics
Spring. 3(3-0)
P: CPS 131 or CPS 290, MTH 314, STT 441.
Computer algorithms for evaluation, simulation and visualization. Sampling and prescribed distributions. Robustness and error analysis of procedures used by statistical packages. Graphics for data display, computation of probabilities and percentiles.
QP: STT 441 QA: STT 444, STT 461

464. Statistical Methods for Biologists I
Fall. 3(3-0) Interdepartmental with Animal Science, and Crop and Soil Sciences.
P: STT 421.
Biological random variables, estimation of population parameters, and testing hypotheses. Linear correlation and regression (prediction). Contingency tables and analysis of variance for comparison of biological groups.
QP: STT 421 QA: STT 422

465. Statistical Methods for Biologists II
Spring. 3(3-0) Interdepartmental with Animal Science, and Crop and Soil Sciences.
P: STT 422.
Concepts of reducing experimental error: covariance, complete and incomplete block designs, Latin squares, split plots, repeated-measures designs, regression applications, and response surface design.
QP: STT 422 QA: ANS 871, CSS 920