Courses are subject to revision and final approval.

SOCIOLOGY

891. Topics in Analysis of Social Data
Fall of even-numbered years. 3(3-0)
P: SOC 882. R: Open only to graduate students in Sociology, Multidisciplinary Social Science, and Education with Sociology minors.

899. Master's Thesis Research
Fall, Spring, Summer. 1 to 9 credits. May reenroll for a maximum of 16 credits.

909. Selected Topics in Sociological Theory
Fall of odd-numbered years. 3(3-0) May reenroll for a maximum of 9 credits.
P: SOC 815. R: Open only to graduate students in Sociology.
Topics in theory construction and in the sociology of knowledge. Critical appraisal of the work of major sociological theorists.

911. Selected Topics in Structural Inequality
Fall of even-numbered years. 3(3-0)
Current research in structural inequality. Socioeconomic class, gender inequality, racial and ethnic inequality, power structures, social conflict, urban dynamics, or social change.

921. State, Poverty and Empowerment
Spring of odd-numbered years. 3(3-0)

931. Selected Topics in Rural and Environmental Studies
Spring of even-numbered years. 3(3-0) May reenroll for a maximum of 12 credits.

954. Techniques of Population Analysis
Spring of odd-numbered years. 3(3-0)

971. Social Analysis of Work
Fall of even-numbered years. 3(3-0)
P: SOC 871.
Occupational structures, work settings, functions and meanings of work. Mobility and career patterns. Applications to health and medicine.

974. Social Attitudes
Fall of odd-numbered years. 3(3-0)
Attitude and behavior measurement. Structure and function of social attitudes. Persuasion and attitude change.

QP: SOC 840 OR SOC 871

975. Complex Organizations
Spring of even-numbered years. 3(3-0)
Theories of social processes within and among complex organizations. The social structure of organizations. Organizations and their environment. Applications to health care systems.

QP: SOC 820N OR SOC 873

976. Social Structure and the Individual
Spring of odd-numbered years. 3(3-0)
P: SOC 870 or SOC 872.

Contemporary theory and research on social structure and the individual, the self, and identity.

QP: SOC 840 OR SOC 871

977. Social Epidemiology
Spring of odd-numbered years. 3(3-0)
The social, economic and ecological factors which characterize the health problems within a community or society. Application of social models and methods to epidemiology. Social policies of health promotion and disease prevention.

980. Documentary and Bibliographic Methods
Spring. 3(3-0)

Strategy and techniques for using documentary, bibliographic, and historical source materials in social science research.

QP: SOC 890

985. Qualitative Field Research
Fall of odd-numbered years. 3(3-0) May reenroll for a maximum of 9 credits.
Qualitative research methods. Participant observation, interviews, and field documents. Design, data gathering, and analysis.

QP: SOC 985

986. Survey Research Principles
Spring. 3(3-0)
P: SOC 881.
The design and analysis of survey research. Sampling, questionnaire construction, interviewing, and data processing.

QP: SOC 881 QA: SOC 986

989. Special Topics in Sociological Methodology
Fall of odd-numbered years. 3(3-0) May reenroll for a maximum of 9 credits.
Special topics in advanced methodology. Evaluation research, experimental or comparative research methods.

QP: SOC 988

999. Doctoral Dissertation Research
Fall, Spring, Summer. 1 to 12 credits.

QP: SOC 999

SPANISH

SPN

101*. Elementary Spanish I
Fall, Spring. 4(4-0)
P: SPN 101 or designated score on Spanish placement test. Not open to students with credit in SPN 150.
Further practice in using and understanding Spanish to develop listening, speaking, reading, and writing skills. Pronunciation, grammar, vocabulary, and cultural topics.

QP: SPN 101 SPN 102

102*. Elementary Spanish II
Fall, Spring. 4(4-1)
P: SPN 101 or designated score on Spanish placement test. Not open to students with credit in SPN 150.
Further practice in using and understanding Spanish to develop listening, speaking, reading, and writing skills. Pronunciation, grammar, vocabulary, and cultural topics.

QP: SPN 102 QA: SPN 103

105*. Review of Elementary Spanish
Fall, Spring. 3(3-1)
P: Approval of department.
Not open to students with credit in SPN 150.

QP: SPN 105 QA: SPN 106

109*. Second Year Spanish I
Fall, Spring. 4(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.

QP: SPN 103 SPN 190 QA: SPN 201 SPN 202

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

QP: SPN 202 QA: SPN 203

299*. Independent Study
Fall, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 4 credits.
R: Approval of the Department.
Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.

QP: SPN 299

330*. Grammar and Composition
Fall, Spring. 4(4-0)
Systematic study of Spanish grammar and composition. Further development of written and oral communication in Spanish.

QP: SPN 299 QA: SPN 321 SPN 322

330*. Phonetics and Oral Spanish
Fall, Spring. 3(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.

QP: SPN 299 QA: SPN 350 SPN 511

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

QP: SPN 303 SPN 322 QA: SPN 327

Courses with an asterisk (*) have not been approved by the University Committee on Curriculum.
### Courses in Spanish

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Credits</th>
<th>Semester(s)</th>
<th>QP, Department/College</th>
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<tbody>
<tr>
<td>345</td>
<td>Spanish American Culture</td>
<td>Spring. 3(0-0)</td>
<td></td>
<td>Spring, Summer</td>
<td>SPN 320</td>
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<tr>
<td>346</td>
<td>Hispanic Cultures in the United States</td>
<td>Spring of even-numbered years. 3(3-0)</td>
<td></td>
<td>Spring, Summer</td>
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<tr>
<td>350</td>
<td>Introduction to Reading Hispanic Literature</td>
<td>Fall, Spring. 3(3-0)</td>
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<td>Fall, Spring, Summer</td>
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<tr>
<td>355</td>
<td>Hispanic Literatures in English Translation</td>
<td>Spring of odd-numbered years. 3(3-0)</td>
<td></td>
<td>Fall, Spring, Summer</td>
<td>SPN 320</td>
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<tr>
<td>410</td>
<td>Survey of Spanish Literature I</td>
<td>Fall of even-numbered years. 3(3-0)</td>
<td></td>
<td>Fall, Spring, Summer</td>
<td>SPN 364</td>
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<tr>
<td>411</td>
<td>Survey of Spanish Literature II</td>
<td>Spring of odd-numbered years. 3(3-0)</td>
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<td>Fall, Spring, Summer</td>
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<tr>
<td>415</td>
<td>Survey of Spanish American Literature I</td>
<td>Fall of odd-numbered years. 3(3-0)</td>
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<td>416</td>
<td>Survey of Spanish Literature II</td>
<td>Spring of even-numbered years. 3(3-0)</td>
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<td>Fall, Spring, Summer</td>
<td>SPN 364</td>
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<tr>
<td>425</td>
<td>Linguistic Grammar</td>
<td>Fall. 3(3-0)</td>
<td></td>
<td>Fall, Spring, Summer</td>
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<tr>
<td>430</td>
<td>Topics in Hispanic Literatures</td>
<td>Spring. 3(3-0)</td>
<td></td>
<td>Fall, Spring, Summer</td>
<td>SPN 342</td>
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<tr>
<td>455</td>
<td>Cervantes</td>
<td>Spring of odd-numbered years. 3(3-0)</td>
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<td>Spring, Summer</td>
<td>SPN 342</td>
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<tr>
<td>460</td>
<td>Spanish Golden Age Literature</td>
<td>Fall of odd-numbered years. 3(3-0)</td>
<td></td>
<td>Fall, Spring, Summer</td>
<td>SPN 342</td>
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<tr>
<td>465</td>
<td>Nineteenth Century Spanish Literature</td>
<td>Spring of even-numbered years. 3(3-0)</td>
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<td>Fall, Spring, Summer</td>
<td>SPN 342</td>
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<td>475</td>
<td>Spanish American Literature through the Nineteenth Century</td>
<td>Fall of odd-numbered years. 3(3-0)</td>
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<td>Fall, Spring, Summer</td>
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<td>485</td>
<td>Topics in Hispanic Literatures of the Americas</td>
<td>Spring of even-numbered years. 3(3-0)</td>
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<td>Spring, Summer</td>
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<td>490</td>
<td>Independent Study</td>
<td>Fall, Spring, Summer. 1 to 4 credits. May enroll for a maximum of 4 credits.</td>
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<td>491</td>
<td>Special Topics in Spanish</td>
<td>Fall, Spring, Summer. 3(3-0)</td>
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<td>Fall, Spring, Summer</td>
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<td>800</td>
<td>Current Approaches to Spanish Instruction</td>
<td>Fall. 3(0-0)</td>
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<td>Fall, Spring, Summer</td>
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<td>805</td>
<td>Evolution of the Spanish Language</td>
<td>Spring of odd-numbered years. 3(3-0)</td>
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<tr>
<td>806</td>
<td>Topics in Hispanic Linguistics</td>
<td>Spring of even-numbered years. 3(3-0)</td>
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<td>810</td>
<td>Studies in Medieval Spanish Literature</td>
<td>Spring of even-numbered years. 3(3-0)</td>
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<td>815</td>
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<td>Fall of even-numbered years. 3(3-0)</td>
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<td>Coroerces</td>
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<td>825</td>
<td>Studies in Eighteenth and Nineteenth Century Spanish Literature</td>
<td>Spring of odd-numbered years. 3(3-0)</td>
<td></td>
<td>Spring, Summer</td>
<td>SPN 342</td>
</tr>
</tbody>
</table>

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STUDY ART

110. Drawing Fundamentals I
Spring, 3(0-6)

Introduction to, and application of the fundamental concepts of drawing. Emphasis on observational, descriptive and analytical analysis. Practice of drawing skills using common drawing media.

QA STA 411

SPANISH

331. Statistics for Scientists
Fall, Spring, 3(3-0)
P: MTH 116 or MTH 124 or MTH 132 or LBS 101. R: Open only to students with credit in STT 351 or STT 441.
A calculus based course in probability and statistics. Probability models, random variables, tests of hypotheses, confidence intervals with applications in science.
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 200.
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 110 or MTH 116. R: Not open to students with credit in STT 200 or STT 201 or STT 351 or STT 441. Basic probability, random variables, and common distributions. Estimation and tests for one, two, and paired samples problems. Introduction to simple linear regression and correlation, 1-way ANOVA.
QP: MTH 108 QA: STT 421 STT 422

422*. Statistics II
Fall, Spring, Summer, 3(3-0)
P: MTH 421. R: Not open to students with credit in STT 404. Goodness of fit and other non-parametric methods. Linear models including 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 126 or MTH 133. R: Open only to Economics and Agricultural Economics majors. Not open to students with credit in STT 231 or STT 351 or STT 441 or STT 421.
A calculus based course in probability and statistics with applications. Discrete and continuous random variables, and their expectations. Point and interval estimation, tests of hypotheses, simple linear regression.
QP: MTH 113 OR MTH 120 OR MTH 131 OR MTH 132

441*. Probability and Statistics I
Fall, Spring, Summer, 3(3-0)
QP: MTH 215 QA: STT 441 STT 442

442*. Probability and Statistics II
Fall, Spring, 3(3-0)
P: MTH 441, MTH 314 or concurrently. 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
Fall, Spring, 3(0-3)
P: CPS 230 or CPS 320; 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. Graphs for data display, computation of probabilities and percentiles.
QP: STT 441 MTH 334 QA: STT 461