

SPAN447 § (3)

An introduction to the basic principles of translation from English to Spanish and from Spanish to English. An approach to techniques used in writing translation. Strong emphasis on written translations. Conducted entirely in Spanish.

SPAN448 § (3)

L A T I N A M E R I C A N L I T E R A T U R E A N D F I L M

Comparison of artistic and linguistic differences between selected pieces of Spanish and Latin American literature and their film adaptation. Emphasis on language, characters, and cultural aspects of society. Conducted entirely in Spanish.

SPAN449 § (3)

I N T E R P R E T A T I O N

A study of the basic principles of oral interpretation from English to Spanish and from Spanish to English. An approach to techniques used in oral interpretation. Strong emphasis on oral communication. Conducted entirely in Spanish.

SPAN466 § (3)

C O N T E M P O R A R Y S P A N I S H - A M E R I C A N W R I T E R S

A study of selected major Spanish-American writers of our time. Emphasis on research. Conducted entirely in Spanish.

SPAN470 § (3)

B U S I N E S S S P A N I S H

Spoken and written Spanish common to the Spanish-speaking world of business and industry, with emphasis upon business practices, and the writing and translating of business letters and professional reports. Cross-cultural references provide opportunities for comparative and contrastive analysis of American and Spanish cultural patterns in business settings. Conducted entirely in Spanish.

GRADUATE COURSES

The following courses are available to those preparing for degree language examinations or for improvement in reading ability:

FREN505 (5)

F

For students without a working knowledge in French; an introduction to the grammar and syntax of French for the purpose of translating written French into English. May count toward a general elective only.

GRMN505 (5)

G

For students without a working knowledge in German; an introduction to the grammar and syntax of German for the purpose of translating written German into English. May count toward a general elective only.

INLS575 (1-3)

A study of selected topics in language, literature, or civilization.

Major in Mathematical Studies—30

MATH141, 142, 215, 240 and at least 15 credits in additional courses chosen in consultation with a Mathematics Department advisor from STAT340, CPTR125, MATH271, 286, 315, 355,

MATH165 **V (3)**

C A
AU/HSI course. A study of linear equations and inequalities; algebraic, logarithmic, and exponential functions; polynomials and complex numbers. Includes applications in business and science. Fulfills the General Education Mathematics reasoning requirement. Prerequisite: MPE ≥ P2.

MATH166 **(3)**

A
Equations and inequalities; algebraic, logarithmic, exponential, polynomial and rational functions, complex numbers; and selected topics. Fulfills the General Education Mathematics reasoning requirement. Prerequisite: MPE ≥ P2. *F*

MATH167 **(2)**

A
Trigonometric functions and identities, vectors, and selected topics. Fulfills the General Education Mathematics reasoning requirement. Prerequisite: MPE ≥ P3 or MATH166 or MATH145.

MATH168 **(4)**

A
Covers most of the content of MATH166 and MATH167. A study of equations and inequalities; algebraic, logarithmic, exponential, polynomial and rational functions; trigonometric functions and identities, vectors. Fulfills the General Education Mathematics reasoning requirement. Prerequisite: MPE ≥ P2. *F*

MATH168 **V (4)**

A
AU-HSI course—see content above. Fulfills the General Education Mathematics reasoning requirement. Prerequisite: MPE ≥ P2.

MATH182 **(3)**

C A
Introduction to calculus of functions of one variable, including finding maxima and minima; partial derivatives; applications to problems in business and the social sciences. Fulfills the General Education Mathematics reasoning requirement. Prerequisite: MPE ≥ P4 or MATH166, 167 or 168 preferred; MATH145 is acceptable.

MATH215 **(3)**

I L A
Vectors, matrices, determinants, and eigenvalues, with emphasis on applications and computation. Prerequisite: MATH182 or 141. *F*

MATH240 **(4)**

C III
Curves and surfaces, partial derivatives, multivariable calculus; multiple integrals, line and surface integrals; Stokes', Green's and divergence theorems. Prerequisite: MATH142. *F*

MATH286 **(3)**

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