

IDSC690 (1-3)
Independent Study
Individualized reading or research in a specified area under the guidance of an instructor. Repeatable to 6 credits.

IDSC698 (1-3)
Project

IDSC698-1 (1)
Project I
A project typically carried out by the Master's degree candidates by means of which the student's ability to synthesize and summarize knowledge pertaining to a given empirical domain is demonstrated. A typical end product might be an "agency profile" or a "fact sheet" about a certain process or problem.

IDSC698-2 (2)
Project II
A research project typically carried out by a Master's degree candidate in which the student's mastery of the research process is demonstrated. A typical end product might be a community assessment study, a program evaluation study, a best practice benchmarking study, or a problem-solving study. Such projects are normally carried out in lieu of a Master's thesis.

IDSC699 (4)
Master Thesis

INTERNATIONAL LANGUAGE STUDIES

Griggs Hall, Room 109
(269) 471-3180
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<http://www.andrews.edu/INLS/>

Faculty

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The department provides students with communicative

BA: Spanish Studies—33

Requires a minimum of 33 credits. These include SPAN420, 426, and 436. All majors are required to attend a full academic year in the Adventist Colleges Abroad program at Colegio Adventista de Sagunto, Spain, or Universidad Adventista del Plata, Argentina. This requirement may be waived for native speakers or candidates who have spent an extended period of time in a Spanish-speaking country. See cognate requirements.

BA: Language for International Trade—50

This program integrates the study of international languages and cultures with preparation in international trade and business. The objective of this major is to prepare students for international careers with the necessary business and language skills. Students in French or Spanish participate in an internship in a business/industrial work environment either in the U.S. or abroad where French or Spanish is spoken. Students may take examinations leading to certification in Business French or Spanish. See details below. The major consists of study in the following three areas: (1) specialized studies in language, (2) business and economics, and (3) required cognates.

Specialized Studies in Language—26

French

Requires a minimum of 26 credits. These include FREN420 or 430, 470, 480; INLS490 or 495; and 3 credits of an elective course at the 400 level. All majors are required to attend a full academic year at Centre Universitaire et Pédagogique du Salève, Collonges, France. See cognate requirements

Spanish

Requires a minimum of 26 credits. These include SPAN420, 426, 436, 470; INLS490 or 495; and 3 credits of an elective course at the 400 level. All majors are required to attend a full academic year at Colegio Adventista de Sagunto, Spain, or Universidad Adventista del Plata, Argentina. See cognate requirements.

Business and Economics—24

ACCT121, 122; BSAD355, 365, 450; ECON226; FNCE317;

Commerce et d'Industrie de Paris at Andrews University. These French diplomas, identical to the ones taken in France, are highly respected in the United States, Canada, France, and Europe. Students who succeed in obtaining the Diplome de Francais des Affaires I or II will be able to handle basic business tasks in a French setting.

CERTIFICATION IN BUSINESS SPANISH

Andrews University is also an approved examination center for the Madrid Chamber of Commerce and Industry. Students may take the Examen de Español de Negocios and receive the Diploma or Certificate from the Chamber of Commerce and Industry of Madrid and the prestigious University of Alcalá de Henares. The purpose of this exam is to prove that students have an in-depth knowledge of the Spanish language and that they can work in any business-related field. The deadline for registration is February 15.

CERTIFICATE IN SPANISH TRANSLATION/ INTERPRETATION

The Department of International Language Studies offers a

will reflect the student-performance outcomes expected at the intermediate level in the four language skills of reading, writing, listening, and speaking according to the American Council of Teaching Foreign Languages (ACTFL) guidelines. Upon written approval by the native speaker—an Andrews University faculty member or qualified graduate student—the Department of International Language Studies will grant up to 12 credits per language examined. See p. 54 for fees for Language Proficiency exams.

Preparation for Teaching. Students preparing to teach French or Spanish at the elementary or secondary level must qualify for teaching credentials as outlined in the School of Education section of this bulletin. The program leading to the Master of Arts in Teaching (MAT) degree in French or Spanish is described in the School of Education section of this bulletin.

Bilingual Teacher Education. For details regarding the need for

French or Spanish as a second language, see the School of Education section of this bulletin.

Designed for students with 2-3 years of high-school French.
Prerequisite: FREN171 with a minimum grade of C or permission of the instructor.

FREN172 V (4)

Elementary French II

AU/HSI course—see content above.

FREN275 (4)

Intermediate French

Grammar, reading, composition, and oral and aural exercises in the context of significant aspects of French culture. Prerequisite: FREN172 with a minimum grade of C or permission of the instructor.

FREN275 H (4)

Intermediate French

AU/HSI course—see content above.

FREN360 (3)

Advanced Practice in French

Deals with some issues and problems facing today's French/Francophone society through readings, videos, and CDs. This cultural approach offers a jumping-off point for oral and written communication.

FREN401 g (3)

Fundamentals of Translation

Techniques of translation processes in rendering into French and English materials ranging from official documents to technical essays and literary texts. Conducted entirely in French.

FREN402 g (3)

French for Interpreters

Intensive study and practice in the art of consecutive and simultaneous oral translation. Conducted entirely in French.

FREN415 g (3)

Advanced French Communication

A comprehensive study of French grammar for written and oral communication. A review of techniques and strategies to improve communication through creative writing, speech preparation, and class presentations. Emphasis on language fluency and accuracy. Conducted entirely in French.

FREN420 g (3)

Francophone Cultures: The New World and the Third World

Explores non-European cultures where French is used as a medium of expression. Study in French literature and film from North America, the Caribbean, and Africa. Conducted entirely in French.

FREN430 g (3)

Contemporary French Culture and Society

Analysis and comparison of French and American value orientations, family structures, and educational, political, economic, and cultural institutions. Conducted entirely in French.

FREN445 g (3)

French Literature and Film

Comparison of artistic differences between selected pieces of French literature and their film adaptation. Conducted entirely in French.

FREN460 g (3)

French for International Trade

Spoken and written French common to the French-speaking world of business and industry, emphasizing business practices and cul-

tural tools required to communicate in the French-speaking economic environment: business operations and socio-economics in France; the economy of France. This course provides an intensive preparation of the Diplôme Français Français des Affaires I conferred by the Chambre de Commerce et d'Industrie de Paris. Conducted entirely in French.

SPANISH

SPAN171 (4)

Elementary Spanish I

Grammar with reading and writing of simple Spanish in the context of significant aspects of culture—oral and listening work stressed. Elementary Spanish I is designed for students who have studied no Spanish or less than 2 years of high-school Spanish or its equivalent. A one-hour lab per week is required.

SPAN172 (4)

Elementary Spanish II

Grammar and reading continued: oral and listening work progressively increased. Designed for students with 2-3 years of high-school Spanish or its equivalent. A one-hour lab per week is required. Prerequisite: SPAN171 with a minimum grade of C or permission of instructor.

SPAN245 (3)

Spanish for the Medical Professions

Spoken and written Spanish used by the medical professions in the Spanish-speaking world. Strong emphasis on vocabulary, phrases, medical terminology, and specific language use in a doctor's office and hospital settings. Basic knowledge of Spanish recommended.

SPAN275 (4)

Intermediate Spanish

Grammar, reading, composition, oral and listening exercises on the intermediate level, including significant aspects of Spanish culture. Prerequisite: SPAN172 with a minimum grade of C or permission of instructor.

SPAN315 (3)

Spanish Conversation and Composition

Training in oral self-expression, with emphasis on fluency and accuracy, integrated with the study of syntax and style.

SPAN420 g (3)

Advanced Spanish Written and Oral Communication

A comprehensive study of Spanish grammar for written and oral communication. A review of techniques and strategies to improve communication through creative writing, speech preparation, and class presentations. Emphasis on language fluency and accuracy. Conducted entirely in Spanish.

SPAN426 g (3)

Contemporary Spain

An overview of contemporary Spain and its role in Europe as well as Latin America. Special consideration of geographical aspects, commerce, industry, tourism, education, political settings, and status of the Monarchy are given. Conducted entirely in Spanish.

SPAN436 g (3)

Spanish-American Culture

An introduction to the life and people of Spanish America through lectures and readings in standard Spanish on the geography, history, politics, social problems, arts, and literature of the area. Conducted entirely in Spanish.

SPAN447 **9** (3)**Spanish for Translation**

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 **9** (3)**Spanish and Latin American Literature and Film**

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 **9** (3)**Spanish for Interpreters**

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 **9** (3)**Contemporary Spanish-American Literature**

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

SPAN470 **9** (3)**Spanish for International Trade**

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)**Reading French**

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)**Reading German**

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)**Topics in _____**

A study of selected topics in language, literature, or civilization. Topics and credits to be announced. Repeatable with different topics.

INLS590 (1-3)**Directed Study/Reading/Research/Project**

Studies in the area of French/Spanish language, literature, or civilization, as determined in consultation with the instructor.

MATHEMATICS

Haughey Hall, Room 121
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<http://www.math.andrews.edu>

Faculty

Donald H. Rhoads, *Chair*
Shandelle M. Henson
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Lynelle M. Weldon

Lecturers

Keith G. Calkins
Shirleen Luttrell

Emeriti

Kenneth L. Franz
Theodore R. Hatcher
Kenneth E. Thomas
Edward J. Specht

Academic Programs	Credits
BS: Mathematics	39
Applied Mathematics	
Preparation for Secondary School Mathematics Teaching	
Preparation for Graduate Study in Mathematics	
BS: Mathematics Education	30
Major in Mathematical Studies	30
Minor in Mathematics	20
Minor in Mathematics Education	20

Mathematics is foundational to physics, engineering, and computer science, and is increasingly important in many fields of study such as finance, accounting, economics, biology, medicine, and environmental science. Students majoring in these and other fields will find that acquiring an additional major in mathematics or mathematical studies greatly enhances the marketability of their degree.

Undergraduate Programs**BS: Mathematics—39**

MATH141, 142, 215, 240, 286, 315; STAT340 and at least 15 credits in additional courses chosen in consultation with a Mathematics Department advisor from MATH271, 355, 389, 405, 408, 425, 431, 432, 441, 442, 475, 487, 495.

Cognate Course: CPTR125

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,