Griggs Hall, Rol zer109

International Trade major trains students in French or Spanish

Fulfilling Major/Minor Requirements. Adventist Colleges Abroad students with majors or minors in a language are encouraged to take the required conversation, composition, civilization, and literature courses at the upper division level while studying abroad if their level of proficiency enables them to do so (see major requirements). Upon their return to Andrews University, students must take in residence the following minimum number of credits:

- · For a language major: 12 upper division credits
- For a language minor: 9 upper division credits

These requirements apply to all students who spend a full school year abroad, including transfer students. Students should take a normal load of 16 credits each quarter or 12 credits per semester. Students also are encouraged to take as many General Education courses as possible.

Adventist Colleges Abroad Summer Program offers students an opportunity to take, during a six-week session, beginning-, intermediate-, or advanced-level courses in the following languages:

French

Centre Universitaire et Pédagogique du Salève Collonges-sous-Salève, France

German

Seminar Schloss Bogenhofen, St. Peter am Hart near Braunau Austria

Greek/Hebrew

Athens Study Center, Athens, Greece

Italian

Instituto Avventista Villa Aurora Florence, Italy

Portuguese

Centro Universitário Adventista, São Paulo, Brazil

Spanish

Colegio Adventista de Sagunto, Valencia, Spain

In addition to language study, students participate in on-site guided field trips of geographic, historic, or economic significance.

French Major Requirements

FREN321, 331, 341, 351, 361, 421, 431 or 432, 441, 461. One of FREN374, 375, 376

Spanish Major Requirements

~ P
One of SPAN301, 302, 303
One of SPAN331, 332, 333
One of SPAN351, 352, 353
One of SPAN361, 362, 363
One of SPAN371, 372, 373
One of SPAN381, 382 (only for students in Argentina)

ACA Academic Year Courses

See the ACA bulletin for course descriptions. A minimum of C is required.

A 4*	(0	C 1'4
Argentina	gentina (Quarter Credits)	
SPAN251, 252, 253	Intermediate Spanish Grammar	4, 4, 4
SPAN261, 262, 263	Intermediate Spanish Composition	2, 2, 2
SPAN271, 272, 273	Intermdiate Spanish Conversation	2, 2, 2
SPAN351, 352, 353	Advanced Spanish Grammar	4, 4, 4
SPAN361, 362, 363	Advanced Spanish Composition	2, 2, 2
SPAN371, 372, 373	Advanced Spanish Conversation	2, 2, 2
SPAN451, 452, 453	Advanced Spanish Grammar II	4, 4, 4
SPAN461, 462, 463	Advanced Spanish Composition II	2, 2, 2
SPAN471, 472, 473	Advanced Spanish Conversation II	2, 2, 2
RELH/SPAN211	Hist of the Church in South America	2
RELH/SPAN313	The Adventist Professional	2
RELH/SPAN310	Contemporary Religious Outlook	2
SPAN/GEOG205/306	Geography of Latin America	2/2

SPAN232	Phonetics	2
SPAN240	Orthography	1
SPAN293	Language Through Drama	1
SPAN301, 302, 303	Folklore of Argentina	2, 2, 2
SPAN326, 327	Translation & Interpretation	2, 2
SPAN332, 333	Latin American Literature	3, 3
SPAN/HIST342, 343	History of Argentina	2, 2
SPAN381, 382	Current Events in South America	1, 1
SPAN422, 423	Translation & Interpretation	2, 2
SPAN495	Independent Study	1-4
MUPF126	Private Lessons	1
MUPF136	Choir	1
MUPF146	Orchestra or Band	1
MUPF156	Ensemble	1

Austria	(Quarter C	redits)
GRMN101, 102, 103	Beginning German	6, 6, 6
GRMN111, 112, 113	Elementary German	3, 3, 3
GRMN121, 122, 123	Elementary Phonetics	1, 1, 1
GRMN215, 216, 217	Intermediate Oral Expression	3, 3, 3
GRMN211, 212, 213	Intermediate Written Expression	2, 2, 2
GRMN221, 222, 223	Intermed. Reading Comprehension	3, 3, 3
GRMN235, 236, 237	Intermed. Listening Comprehension	2, 2, 2
GRMN306, 307, 308	Advanced Oral Expression	3, 3, 3
GRMN311, 312, 313	Advanced Written Expression	2, 2, 2
GRMN325, 326, 327	Advanced Reading Comprehension	3, 3, 3
GRMN325, 326, 327 GRMN335, 336, 337	Advanced Listening Comprehension	3, 3, 3
HIST204, 205, 206	European Civilization	2, 2, 2
HIST304, 305, 306	European Civilization	2, 2, 2
RELB101, 102, 103	Dogmatics	2, 2, 2
RELB301, 302, 303	Dogmatics	2, 2, 2
BUAD/GRMN105, 106	2	3, 3
BUAD/GRMN401,	Advanced Business German	2, 2, 2
402, 403	Advanced Business German	2, 2, 2
,	Survey of Common Literature	2 2 2
GRMN254, 255, 256	Survey of German Literature	3, 3, 3
GRMN495	Independent Study	2-6
HMEC102	Vegtarian Cooking & Nutrition	1.5
MUPF165, 166, 167		5-1, .5-1
MUPF171, 172, 173	Choir	1, 1, 1
MUPF146	Chamber Orchestra	1
PEAC104, 105, 106	Physical Education	1, 1, 1
FREN101, 102, 103	Elementary French	2, 2, 2
BUAD/GRMN115,	Elem. Business German & Internship	1, 1, 1
116, 117		
BUAD/GRMN215,	Intermed. Business German & Internship	1, 1, 1
216, 217		

FREN131	Spelling and Grammar 4
FREN151	Elementary Spoken Language 4
FREN111	Phonetics 1
FREN191	Intensive Elementary French 11
FREN201	Intermediate French 3
FREN221	Intermediate Composition 3
FREN231	Spelling and Grammar 4
FREN251	Intermediate Spoken Language 4
FREN261	Reading Comprehension 2
FREN291	Intensive Intermediate French 9
FREN321	Advanced Composition 3
FREN331	Advanced Orthography 2
FREN341	Advanced Grammar 6
FREN351	Advanced Spoken Language 3
FREN361	Text Analysis 2
FREN422, 423	Literary Analysis, Summary Tech. 2, 2
FREN424, 425	Document Analysis and Synthesis 2, 2
FREN421	French Composition 3
FREN431, 432	Advanced Orthography 2, 2
FREN441	Morphology/Syntax of the Simple Sentence 4
FREN442	Morphology/Syntax of the Complex Sentence 4
FREN451, 452	Oral Communication 2, 2
FREN493	Advanced Oral Communication 4

Beginning French

Comprehension and Written Expression

France FREN101

FREN121

(Quarter Credits)

FREN461	Advanced Literary Studies	3
FREN/HIST457, 458	France and Its History	2, 2
FREN/PLSC459, 460	French Institutions	2, 2
FREN/SOCI476, 477	Changes in French Society	2, 2
FREN/SOCI479, 480	Cultures in French-Speaking World	2, 2
FREN/RELG254, 354	Religion (Conversation Topics)	2, 2
FREN269/369	Independent Reading	1, 1
MUPF171, 271, 371	Campus Choir	1, 1, 1
FREN/GEOG272, 372	Regional France	1,1
FREN/ARTS273, 373	French Fine Arts and Monuments	1, 1
FREN/PLSC374	European Institutions	2
FREN/PLSC375	International organizations	2
FREN/SOCI376		

France	(Quarter (Credits)
FREN102	Beginning French	3
FREN122	Written Comprehension & Expression	2
FREN132	Spelling and Grammar	1
FREN152	Elementary Oral Expression	3
FREN192	Intensive Elementary French	6
FREN202	Intermediate French	2
FREN222	Intermediate Composition	2
	Spelling and Grammar	2
FREN232 FREN252		2
	Intermediate Oral Expression	
FREN262	Reading Comprehension	1
FREN292	Intensive Intermediate French	5
FREN322	Advanced Composition	2
FREN332	Orthography	1
FREN342	Advanced Grammar	2
FREN352	Advanced Oral Expression	2
FREN362	Literary Studies	2
FREN422	Literary Analysis, Summary Techniques	2
FREN462	Advanced Literary Studies	2
Greece	(Quarter (Credits)
GREK/RELL331, 332,	Intermediate Greek I, II, III	3, 3, 3
333	***	2 2 2
HEBR331, 332, 333	Hebrew	3, 3, 3
Italy	(Quarter (Credits)
ITLN101, 102, 103	Beginning Italian	2, 2, 2
ITLN/ART131	Italian Art	3
ITLN191, 192, 293	Intensive Italian Review I	2, 2, 2
ITLN201, 202, 203	Intermediate Italian	2, 2, 2
ITLN/ART231	Italian Art	3
ITLN291, 292, 293	Intensive Italian Review II	2, 2, 2
Mariao	(Quartor ('modita)
Mexico	(Quarter C	
SPAN101, 102, 103	Beginning Spanish	3, 3, 3
SPAN211, 212, 213	Intermediate Spanish	3, 3, 3
SPAN312	Mexico and its Culture	2
SPAN351	Advanced Spanish Grammar	3
SPAN361	Advanced Spanish Composition	2
SPAN371	Advanced Spanish Conversation	2
Spain	(Quarter (Credits)
SPAN101, 102, 103	Beginning Spanish	3, 3, 3
SPAN191, 192, 193	Intensive Spanish Review	3, 3, 3
SPAN211, 212, 213	Intermediate Spanish	3, 3, 3
SPAN291, 292, 293	Intensive Spanish Review II	3, 3, 3
SPAN312	Spain and Its Culture	2
SPAN351	Advanced Spanish Grammar	3
SPAN361	Advanced Spanish Composition	2
SPAN371	Advanced Spanish Conversation	2
Ukraine	(Onenton 1	rodita)
	(Quarter (
RUSS101, 102, 103	Beginning Russian	3, 3, 3
RUSS211, 212, 213	Intermediate Russian	3, 3, 3
RUSS351	Advanced Russian Grammar	3
RUSS361	Advanced Russian Composition	3
RUSS371	Advanced Russian Conversation	3

work stressed. Designed for students who have no foreign language or less than 2 years of high school foreign language or equivalent. Options: German, Korean, Portuguese. A one-hour lab per week is required.

INLS122 \$ (4)

Grammar and reading continued in the context of significant aspects of culture; oral and listening work progressively increased. Designed for students with 2–3 years of high school foreign language. Options: German, Korean, Portuguese. A one-hour lab per week is required.

INLS235 \$ (4)

Grammar, reading, composition, oral and aural exercises in the context of significant aspects of the culture of the foreign language. Options: German, Korean, Portuguese. A one-hour lab per week is required.

In the area of language, culture, literature, or international trade. INLS495 is open only to qualified upper division students. Permission of instructor required. Repeatable with different material.

Designed for students having an advanced level of proficiency in French or Spanish. Services may include activities such as mentoring international students on and off campus, tutoring, interpreting and translating for community and government agencies.

A study of selected topics in language, culture, literature, or international trade. Topic and credits to be announced. Repeatable with different topics.

An overview of approaches and practical techniques in foreign language instruction as well as the theoretical notions underlying current trends in classroom practice. Topics of study will include pedagogical practices and research in FL teaching, ways of using that research, and practical applications of instructional methods. This course focuses on methods for K–12. Attending the Michigan World Language Association Conference in Lansing is required. Required for teacher certification.

A one-semester, full-time work assignment which provides the opportunity to extend theoretical classroom learning in an appropriate setting in the U.S. or abroad. A final report is required.

Fe c

FREN171 \$ (4)

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

FREN171 V (4)

AU/GU course—see content above.

FREN172 \$ (4)

Grammar and reading continued in the context of significant aspects of culture; oral and listening work progressively increased. Designed for students with 2–3 years of high-school French. A one-hour lab per week is required. Prerequisite: FREN171 with a minimum grade of C or permission of the instructor.

FREN172 V (4)

AU/GU course—see content above.

FREN275 \$ (4)

Grammar, reading, composition, and oral and aural exercises in the context of significant aspects of French culture. A one-hour lab per week is required. Prerequisite: FREN172 with a minimum grade of C or permission of the instructor.

FREN275 V (4)

AU/GU course—see content above.

FREN360 \$ (3)

Deals with some issues and problems facing today's French/Francophone society through readings, videos, and CDs. This

FREN445 (3)

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

FREN

G ad a e C e

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

FREN505 (5)

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)

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. Topics and credits to be announced. Repeatable with different topics.

INLS590 (1-3)

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

Haughey Hall, Room 121 (269) 471-3423 math@andrews.edu http://www.math.andrews.edu

Faculty

Robert C. Moore, *Chair* Shandelle M. Henson Joon Hyuk Kang Yun Myung Oh Lynelle M. Weldon

Lecturers

Keith G. Calkins Shirleen Luttrell

Emeriti

Kenneth L. Franz Theodore R. Hatcher Donald H. Rhoads 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
Minor in Mathematics of Economics and Finance	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, 355; STAT340 and at least 12 credits in additional courses chosen in consultation with a Mathematics Department advisor from MATH271, 389, 405, 408, 426, 431, 432, 441, 442, 475, 487, 495, CPTR436. Students in a teacher certification program are required to take MATH475. A major field test in mathematics is required during the senior year.

Cognate Course: CPTR125