

Requirements for all substitution courses:

The course is regularly taught.

Criteria for qualification as a foreign language substitution course.

1. The course must be taught in English.
2. The course content must focus on one of the following content areas:
 - a. Literatures and/or cultures of a country, countries, or region of a country that is not predominantly English speaking (Example: GERM 216 The Viking Age).
 - b. Literature and/or culture of ethnic groups in the U.S. (Example: AMST 246 Indigenous Storytelling: Oral, Written, and Visual Literatures of Native America).
 - c. Language exploration, development and/or analysis (Example: LING 101 Introduction to Language).

Criteria for qualification as a QR / QI substitution course.

Courses should have two or more of the following components:

1. Translation of information into symbols. For example, representation of note pitch and length in music notation or representation of phonemes using the International Phonetic Alphabet (Example: PHIL 157 Logic and Decision Theory, MUSC 121 Fundamentals of Music I)
2. Representation of information in structured visual form such as charts, tables, and graphs, in which visual elements convey relationships in a consistent manner. For example, pedigree charts in genetics, or topographical maps in geography. (Example: GEOG 370 Introduction to Geographic Information)
3. Use of logic to construct and evaluate arguments. For example, classification of logically equivalent and non-equivalent statements, or recognition and labeling of fallacies like double counting or false dichotomy. (Example: PHIL 157 Logic and Decision Theory)
4. Summary, analysis, estimation, or interpretation of numerical data. For example, use of a scatterplot to identify trends and outliers, or computing or estimating rates of change from graphs. (Example: MASC 310 Our Changing Planet: Science, Social Impacts, Solutions)
5. Creation or use of algorithms. For example, flow charts for determining health care treatment plans. (Example: INLS 151 [INLS 200] Retrieving and Analyzing Information)

Remember that courses on the substitution list do not qualify as QR or QI courses. So the courses should NOT:

1. use mathematical tools beyond the level of basic algebra and statistics
2. involve formal proofs
3. require computer programming
4. spend more than half of class time on mathematical modeling, mathematical analysis, or data analysis
5. carry the QI or QR designation
6. have a prerequisite that carries the QI or QR designation

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GENERAL EDUCATION APPROVED COURSE SUBSTITUTION LISTS

Quantitative Reasoning and Quantitative Intensive Substitution List

Code	Title	Hours
ANTH 220	Principles of Archaeology	3
COMP 126	Practical Web Design and Development for Everyone	3
GEOG 370	Introduction to Geographic Information	3
INLS 151	Retrieving and Analyzing Information	3
MASC 310	Our Changing Planet: Science, Social Impacts, Solutions	3
MUSC 121	Fundamentals of Music I	3
MUSC 239	Introduction to Music Technology	3
PHIL 157	Logic and Decision Theory	3
PHIL 357	Induction, Probability, and Confirmation	3
PSYC 53	First-Year Seminar: Talking about Numbers: Communicating Research Results to Others	3

Foreign Language Substitution List

Code	Title	Hours
AAAD 201	Introduction to African Literature	3
AAAD 421	Introduction to the Languages of Africa	3
AMST 246	Indigenous Storytelling: Oral, Written, and Visual Literatures of Native America	3
ANTH 130	Anthropology of the Caribbean	3
ANTH 138	Linguistic Anthropology	3
ANTH 191	Peoples of Siberia	3
ANTH 206	American Indian Societies	3
ANTH 230	Native American Cultures	3
ANTH 232	Ancestral Maya Civilizations ^H	3
ANTH 330	Melancholy Japan: Myth, Memory, and Everyday Life	3
ANTH 340	Southern Styles, Southern Cultures	4
ANTH 342	African-American Religious Experience	3
ANTH 343	Africa and Masks	3
ANTH 360	Latin American Economy and Society	3
ANTH 361	Community in India and South Asia	3
ANTH 406	Native Writers	3
ANTH 454	The Archaeology of African Diasporas	3
ARAB 433	Course ARAB 433 Not Found	
ARAB 434	Modern Arabic Literature in Translation	3
ASIA 161	Course ASIA 161 Not Found	
CHIN 451	Course CHIN 451 Not Found	
CHIN 452	Course CHIN 452 Not Found	
CHIN 551	Chinese Poetry in Translation	3
CHIN 552	Chinese Prose in Translation	3
CHIN 563	Post-Mao Chinese Literature in Translation	3

CLAR 120	Ancient Cities ^H	3
CLAS 121	The Greeks ^H	3
CLAS 122	The Romans ^H	3
CLAS 125	Word Formation and Etymology	3
CLAS 126	Medical Word Formation and Etymology	3
CLAS 131	Classical Mythology ^H	3
CLAS 263	Athletics in the Greek and Roman World ^H	3
CLAS 363	Latin and Greek Lyric Poetry in Translation ^H	3
CLAS 409	Historical Literature Greek and Roman	3
CMPL 120	Great Books I: Epic and Lyric Traditions	3
CMPL 122	Great Books I: Visual Arts and Literature from Antiquity to 1750 ^H	3
CMPL 123	Great Books I: Politics and Literature from Antiquity to 1750	3
CMPL 124	Great Books I: Science and Literature from Antiquity to 1750	3
CMPL 130	Great Books II ^H	3
CMPL 454	Literature of the Continental Renaissance in Translation ^H	3
CMPL 470	Concepts and Perspectives of the Tragic	3
CMPL 471	Classical Rhetoric and Modern Theory	3
CMPL 472	The Drama from Ibsen to Beckett	3
CMPL 481	Rhetoric of Silence: Cross-Cultural Theme and Technique	3
COMM 113	Public Speaking	3
COMM 160	Introduction to Performance Studies ^H	3
COMM 312	Persuasion	3
COMM 372	The Rhetoric of Social Movements	3
COMM/MGNT 223	Small Group Communication	3
COMM/MGNT 120	Introduction to Interpersonal and Organizational Communication ^H	3
COMM/MNGT 325	Introduction to Organizational Communication ^H	3
COMM/WGST 224	Introduction to Gender and Communication ^H	3
CZCH 411	Introduction to Czech Literature	3
DRAM 281	Theatre History and Literature I	3
DRAM 282	Theatre History and Literature II	3
DRAM 283	Theatre History and Literature III	3
DRAM 486	Latin American Theatre	3
DRAM 487	Course DRAM 487 Not Found	
ENGL 285	Classical Backgrounds in English Literature	3
ENGL 301	Advanced Expository Writing for the Humanities	3
ENGL 302	Advanced Expository Writing for the Social Sciences	3
ENGL 303	Advanced Expository Writing for the Natural Sciences	3
ENGL 304	Advanced Expository Writing for Business	3
ENGL 305	Advanced Expository Writing for Law	3
ENGL 313	Grammar of Current English	3
ENGL 314	History of the English Language	3
ENGL 315	English in the U.S.A. ^H	3
ENGL 316	Rhetorical Traditions ^H	3

ENGL 405	Course ENGL 405 Not Found	
ENGL 418	Course ENGL 418 Not Found	
FREN 280	French "Discoveries" of the Americas in Translation	3
FREN 285	Sex, Philosophy, and Politics: Revolutionary Literature in Translation	3
FREN 286	Food for Thought: The Culture of Cuisine in Modern France	3
GERM 216	The Viking Age	3
GERM 245	Marx, Nietzsche, and Freud	3
GERM 290	Topics in German Studies	3
GSLI 246	Reality and Its Discontents: Kant to Kafka	3
GSLI 252	South Africa in Literary Perspective	3
GSLI 225/JWST 252	Popular and Pious: Early Modern Jewish Literature	3
HUNG 411	Introduction to Hungarian Literature	3
ITAL 240	Dante in English Translation	3
ITAL 241	Italian Renaissance Literature in Translation	3
ITAL 242	Modern Italian Literature in Translation	3
LING 101	Introduction to Language ^H	3
LING 202	Linguistic Variation and Language Change	3
LING 304	Introduction to Discourse	3
LING/ANTH 400	Introduction to General Linguistics	3
LING 302/ANTH 302/WGST 302	Language and Power	3
PHIL/LING 145	Language, Communication, and Human and Animal Minds ^H	3
PHIL 411	Aristotle	3
PHIL 412	Plato	3
PLSH 411	19th-Century Polish Literature and Culture	3
PLSH/JWST 412	From Communism to Capitalism: 20th- and 21st-Century Polish Literature and Culture	3
POLI 270	Classical Political Thought ^H	3
PORT 275	Course PORT 275 Not Found	
PORT 316	Brazilian Performance in Music and Dance: Capoeira	3
PORT 370	Modern Brazil through Literature and Film in Translation	3
PORT 382	Women Writers: Brazil and Beyond	3
PORT 385	Verbal Art, Identities, and Nation in Portuguese-Speaking Africa	3
PORT 387	Brazilian Religious Movements through Film and Literature	3
PORT 388	Portuguese, Brazilian, and African Identity in Film	3
PSYC 58	First-Year Seminar: The Psychology of Mental States and Language Use ^H	3
PSYC 432	Psychology of Language	3
PSYC 438	Research Topics in the Psychology of Language	3
ROML 229	Literature in the Romance Languages ^H	3
RUSS 270	Crimes and Punishments: Russian Literature of the 19th Century	3
RUSS 274	Russian Literature from the Revolution to Today	3
RUSS 431	Course RUSS 431 Not Found	

RUSS 432	Course RUSS 432 Not Found	
RUSS 463	Russian Drama: From Classicism to Modernism	3
RUSS/PWAD 475	Literature of Russian Terrorism: Arson, Bombs, Mayhem	3
SPAN 270	Contemporary Spanish American Prose Fiction in Translation	3
SPAN 275	Masterpieces of Spanish Literature in Translation	3
SPAN 280	Cervantes in English Translation	3
SPHS 530	Introduction to Phonetics	3
SPHS 540	Speech Science	3

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.