

FOUNDATIONAL DISCIPLINES

Bachelor's degree students complete coursework in three foundational disciplines—humanities, scientific inquiry and quantitative reasoning, and social sciences—to obtain broad experience in the liberal arts.

Students must complete 12 units from the following areas that satisfy the foundational disciplines requirement.

- Humanities (p. 1) (4 units)
- Scientific Inquiry and Quantitative Reasoning (p. 1) (4 units)
- Social Sciences (p. 2) (4 units)

Two foundational disciplines courses must fulfill a U.S. and global perspectives requirement (p. 2). One philosophy course within the four humanities units fulfills a professional ethics requirement (p. 3).

Humanities

Courses from these areas satisfy the humanities requirement:

Art history, classics, comparative literary studies, English literature, languages other than English (up to two units), history, humanities (HUM), music history, philosophy, religion, and some courses in Black studies, languages with literature, gender studies, performance studies, radio/television/film, and theatre.

SPS humanities courses include the following:

Course	Title
ART_HIST 255-CN	Introduction to Modernism
CLASSICS 110-CN	Scientific Vocabulary through Classical Roots
ENGLISH 285-DL	Topics in Literature and Culture
ENGLISH 300-CN	Seminar in Reading and Interpretation
ENGLISH 313-CN	Studies in Fiction:
ENGLISH 324-CN	Studies in Medieval Literature:
ENGLISH 385-DL	Studies in Literature and Culture
FRENCH 111-A	Elementary French
FRENCH 111-B	Elementary French
FRENCH 111-C	Elementary French
FRENCH 121-A	Intermediate French
FRENCH 121-B	Intermediate French
FRENCH 121-C	Intermediate French
HISTORY 250-A	Global History: Early Modern to Modern Transition
HISTORY 250-B	Global History: Modern World
HISTORY 393-CN	Approaches to History
HISTORY 395-CN	Research Seminar
HUM 341-DL	Revolution and Society in Cold War Latin America
HUM 342-DL	The Art of Looking: Visual Literacy in the Age of the Image
MUS_HIST 335-CN	Selected Topics in Music:
PHIL 110-CN	Introduction to Philosophy
PHIL 264-DL	Professional Ethics
PHIL 269-DL	Bioethics
PHIL 364-DL	Business and Professional Ethics
RTVF 298-CN	Studies in Media Topics
RTVF 310-CN	Television History

Scientific Inquiry and Quantitative Reasoning

Courses from these areas satisfy the scientific inquiry and quantitative reasoning requirement:

Astronomy, biological sciences, chemistry, computer information systems, earth and planetary sciences, engineering, mathematics, physics and some courses in anthropology, communication sciences and disorders, psychology, radio/television/film, and statistics.

SPS scientific inquiry and quantitative reasoning courses include the following:

Course	Title
ASTRON 101-CN	Modern Cosmology
ASTRON 120-DL	Highlights of Astronomy
ANTHRO 213-CN	Human Origins
BIOL_SCI 170-CN	Concepts of Biology
BIOL_SCI 170-DL	Concepts of Biology
BIOL_SCI 201-CN	Molecular Biology
BIOL_SCI 202-CN	Cell Biology
BIOL_SCI 203-CN	Genetics and Evolution
BIOL_SCI 217-DL	Introduction to Human Physiology
BIOL_SCI 302-CN	Fundamentals of Neurobiology
BIOL_SCI 302-DL	Fundamentals of Neurobiology
BIOL_SCI 308-CN	Biochemistry
BIOL_SCI 310-CN	Human Physiology
BIOL_SCI 312-CN	The Evolutionary Biology of Human Anatomy, Health and Disease
BIOL_SCI 312-DL	The Evolutionary Biology of Human Anatomy, Health, and Disease
BIOL_SCI 313-CN	Human Anatomy
BIOL_SCI 313-DL	Human Anatomy
BIOL_SCI 315-CN	Advanced Cell Biology
BIOL_SCI 316-CN	Human Structure and Function
BIOL_SCI 318-CN	Advanced Human Physiology
BIOL_SCI 318-DL	Advanced Human Physiology
BIOL_SCI 327-CN	Biology of Aging
BIOL_SCI 328-CN	Microbiology
BIOL_SCI 342-CN	Evolutionary Processes
BIOL_SCI 355-CN	Immunobiology
BIOL_SCI 355-DL	Immunobiology
BIOL_SCI 390-DL	Advanced Molecular Biology
CHEM 110-CN	Quantitative Problem Solving in Chemistry
CHEM 131-CN	Fundamentals of Chemistry I
CHEM 132-CN	Fundamentals of Chemistry II
CHEM 215-A	Organic Chemistry I
CHEM 215-B	Organic Chemistry II
CHEM 215-C	Organic Chemistry III
CSD 301-DL	Anatomy and Physiology of the Vocal Mechanism
CSD 305-DL	Phonetics
CSD 318-DL	Introduction to Audiology
CIS 110-DL	Introduction to Programming
CIS 130-DL	Tools and Technology of the Web
CIS 212-DL	Introduction to Object-Oriented Programming
CIS 313-DL	Telecommunications and Computer Networks
CIS 317-DL	Database Systems Design and Implementation
CIS 323-DL	Python for Data Science

CIS 324-DL	Applied Data Science
CIS 325-DL	Enterprise Data Science
CIS 326-DL	Data Engineering
CIS 330-DL	Human Computer Interaction
CIS 345-DL	Information Security
CIS 350-DL	Information Technology Strategy
CIS 360-DL	AI with Deep Learning
CIS 361-DL	Natural Language Processing AI
CIS 370-DL	System Analysis and Design
CIS 385-DL	Programming for the Web
MATH 100-DL	Quantitative Reasoning
MATH 101-DL	Algebra
MATH 202-CN	Finite Mathematics
MATH 220-A	Single-Variable Differential Calculus
MATH 220-A-DL	Single-Variable Differential Calculus
MATH 220-B	Single-Variable Integral Calculus
MATH 220-B-DL	Single-Variable Integral Calculus
MATH 240-CN	Linear Algebra
PHYSICS 130-A	College Physics I
PHYSICS 130-B	College Physics II
PHYSICS 130-C	College Physics III
PSYCH 201-CN	Statistical Methods in Psychology
PSYCH 221-CN	Introduction to Neuroscience
PSYCH 228-CN	Cognitive Psychology
PSYCH 324-CN	Perception
PSYCH 342-CN	Evolutionary Psychology
STAT 202-DL	Introduction to Statistics and Data Science

Social Sciences

Courses from these areas satisfy the social sciences requirement:

Anthropology, economics, history, linguistics, political science, social sciences, sociology, and some courses in Black studies, communication sciences and disorders, gender studies, psychology, and statistics.

SPS social sciences courses include the following:

Course	Title
ANTHRO 211-CN	Culture and Society
ANTHRO 214-CN	Archaeology: Unearthing History
ANTHRO 215-CN	The Study of Culture Through Language
ECON 201-CN	Introduction to Macroeconomics
ECON 201-DL	Introduction to Macroeconomics
ECON 202-CN	Introduction to Microeconomics
ECON 310-A	Microeconomics
ECON 310-B	Microeconomics II
ECON 311-CN	Macroeconomics
HISTORY 250-A	Global History: Early Modern to Modern Transition
HISTORY 250-B	Global History: Modern World
HISTORY 393-CN	Approaches to History
HISTORY 395-CN	Research Seminar
POLI_SCI 220-CN	American Government and Politics
POLI_SCI 230-DL	Introduction to Law in the Political Arena
POLI_SCI 240-CN	Introduction to International Relations
POLI_SCI 250-DL	Introduction to Comparative Politics
POLI_SCI 374-CN	Politics of Capitalism
POLI_SCI 390-CN	Special Topics in Political Science
POLI_SCI 395-CN	Political Research Seminar

PSYCH 110-CN	Introduction to Psychology
PSYCH 110-DL	Introduction to Psychology
PSYCH 201-CN	Statistical Methods in Psychology
PSYCH 213-CN	Social Psychology
PSYCH 213-DL	Social Psychology
PSYCH 215-CN	Psychology of Personality
PSYCH 228-CN	Cognitive Psychology
PSYCH 244-CN	Developmental Psychology
PSYCH 301-CN	Research Methods in Psychology
PSYCH 303-CN	Psychopathology
PSYCH 306-CN	Introduction to Clinical Psychology
PSYCH 310-CN	Special Topics in Social/Clinical/Personality
PSYCH 311-CN	Psychology of Attitudes
PSYCH 313-CN	Relationship Science
PSYCH 317-CN	The Holocaust: Psychological Themes & Perspectives
PSYCH 324-CN	Perception
PSYCH 342-CN	Evolutionary Psychology
PSYCH 344-CN	Cultural Psychology
PSYCH 350-CN	Special Topics in Psychology
PSYCH 366-CN	Stereotyping & Prejudice
PSYCH 367-CN	Child Psychopathology
PSYCH 369-CN	Psychological Tests & Measures
SOC_SCI 211-DL	Human Culture in Global Perspective
SOC_SCI 320-DL	Social and Public Policy
SOC_SCI 322-DL	Identity and U.S. Policy
SOC_SCI 330-DL	Human Rights and Social Institutions: A Global Perspective
SOC_SCI 331-DL	Social Justice Movements
SOC_SCI 334-DL	Social Justice, Human Rights, and the Commercial Sector
SOC_SCI 335-DL	Social Entrepreneurship and the Non-profit Sector
SOC_SCI 389-DL	Qualitative Research in Social Sciences

Perspectives on Power, Justice, and Equity

Included in the foundational disciplines requirement are two courses that apply perspectives on power, justice, and equity: one course focused within the United States and one course focused globally.

SPS United States perspectives courses include the following:

Course	Title
ENGLISH 205-DL	Intermediate Composition (Immigrant Stories)
ENGLISH 285-DL	Topics in Literature and Culture (Diversity in American Literature)
POLI_SCI 230-DL	Introduction to Law in the Political Arena
SOC_SCI 320-DL	Social and Public Policy
SOCIO 201-DL	Social Inequality
SOCIO 318-DL	Sociology of Law

SPS global perspectives courses include the following:

Course	Title
ART_HIST 255-CN	Introduction to Modernism
HISTORY 250-A	Global History: Early Modern to Modern Transition
HISTORY 250-B	Global History: Modern World
HUM 341-DL	Revolution and Society in Cold War Latin America
POLI_SCI 250-DL	Introduction to Comparative Politics
POLI_SCI 374-CN	Politics of Capitalism
SOC_SCI 211-DL	Human Culture in Global Perspective

SOC_SCI 330-DL	Human Rights and Social Institutions: A Global Perspective
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Professional Ethics

A philosophy course on professional ethics is required for one of the four humanities foundational disciplines courses.

SPS professional ethics courses:

Course	Title
PHIL 264-DL	Professional Ethics
PHIL 364-DL	Business and Professional Ethics