

College of Liberal Arts and Human Sciences
Department of Modern and Classical Languages and Literatures
Minor: Language and Culture for the Practice of Science
For students date of entry under UG Catalog 2023-2024

1. Introduction/Foundational Experience (complete a sequence of two courses in FR or SPAN - 6 credit hours)FR 3105 Composition, Conversation, and Grammar (Pre: 2106 or 2164 or equivalent¹) (3) _____

(Discourse Foundational and Intercultural & Global Awareness)

FR 3106 Composition, Conversation, and Grammar (Pre: 2106 or 2164 or equivalent¹) (3) _____

(Discourse Foundational and Intercultural & Global Awareness)

ORSPAN 3105 Grammar, Composition and Conversation (Pre: 2106 or equivalent¹) (3) _____

(Discourse Foundational and Intercultural & Global Awareness)

SPAN 3106 Grammar, Composition and Conversation (Pre: 3105 or equivalent¹) (3) _____

(Discourse Foundational and Intercultural & Global Awareness)

2. Mid-level Experience (11 - 13 credit hours)

a. Complete sequence in BIOL (6 credit hours)

BIOL 1105 Principles of Biology (3) _____

(Reasoning in the Natural Sciences, and Ethical Reasoning)

BIOL 1106 Principles of Biology (3) _____

(Reasoning in the Natural Sciences, and Ethical Reasoning)

b. Complete one of the following (2 - 4 credit hours)

ALS 2404 (BIOL 2404) Biotechnology in a Global Society (3) _____

(Pre: (BIOL 1015, BIOL 1016) or (BIOL 1105, BIOL 1106) or (BIOL 1205H, BIOL 1206H), (CHEM 1015, CHEM 1016))

ALS 3404 Ecological Agriculture: Theory and Practice (3) _____

(Reasoning in the Natural Sciences & Ethical Reasoning)

ALS 4204 Concepts in Community Food Systems (Pre: 2204) (3) _____

(Reasoning in the Social Sciences & Intercultural and Global Awareness)

APSC 3334 Animal Welfare and Bioethics (3) _____

(Pre: Junior Standing. Pre: 1454, ALS 2304)

BIOL 1064 Plants and Civilization (3) _____

(Reasoning in the Natural Sciences & Intercultural and Global Awareness)

CSES 3444 (HORT 3444) World Crops and Cropping Systems (3) _____

ENT 2004 Insects and Human Society (3) _____

(Reasoning in the Natural Sciences & Intercultural and Global Awareness)

FIW 4464 Human Dimensions of Fisheries and Wildlife (Pre: 2114) (3) _____

FIW 4714 Fisheries Management (Pre: 3514) (4) _____

FREC 2124 Forests, Society, & Climate (3) _____

FREC 2134 (HORT 2134) Plants and Greenspaces in Urban Communities (3) _____

(Reasoning in the Natural Sciences & Intercultural and Global Awareness)

FREC 2554 (LAR 2554) (NR 2554) Leadership for Global Sustainability (3) _____

(Critical Thinking in the Humanities, Reasoning in the Social Sciences, Intercultural and Global Awareness & Ethical Reasoning)

FREC 4334 (CSES 4334) Principles and Practice of Agroforestry (3) _____

HNFE 3634 (PHS 3634) Epidemiologic Concepts of Health and Disease (3) _____

HORT 2184 Plants, Places, and Cultures in a Global Context (3) _____

(Reasoning in the Social Sciences & Intercultural and Global Awareness)

HORT 2224 Horticulture Science and Industry (2) _____

PPWS 2104 Plants, Genes, and People (Pre: BIOL 1005 or BIOL 1105) (3) _____

PPWS 4114 Microbe Forensics/Biosecurity (Pre: BIOL 2604, (BIOL 2104 or BIOL 2004)) (3) _____

c. Complete one of the following (3 credit hours)

FR 2714 Introduction to French Culture and Civilization (3) _____
(Critical Thinking in the Humanities, Reasoning in the Social Sciences,
and Ethical Reasoning)

SPAN 2744 Topics in Spanish Culture (3) _____
(Critical Thinking in the Humanities, and Intercultural and Global Awareness)

SPAN 2754 Topics in Spanish American Culture (3) _____
(Critical Thinking in the Humanities, and Intercultural and Global Awareness)

SPAN 2764 Introduction to Latino American Studies (3) _____
(Critical Thinking in the Humanities, Reasoning in the Social Sciences,
and Intercultural and Global Awareness)

SPAN 2774 Minority Languages in the Spanish-Speaking Context (3) _____
(Critical Thinking in the Humanities, Reasoning in the Social Sciences,
and Intercultural and Global Awareness)

3. Complete Capstone Experience (3 credit hours)

FR 3154 French for the Natural Sciences (Pre: 3106) (3) _____
(Discourse Advanced/Applied Writing, and
Intercultural and Global Awareness)

OR

SPAN 3154 Spanish for the Natural Sciences (Pre: 3106) (3) _____
(Discourse Advanced/Applied Writing, and
Intercultural and Global Awareness)

Minor requirement: Minimum of 20 credit hours to complete minor.

Minimum GPA: A minimum GPA of 2.0 in these courses is required to complete the minor.

Prerequisite Statement: Prerequisites: Some courses listed on this checksheet may have pre-/co-requisites; please consult the University Course Catalog or check with your advisor.

Double counting: No more than 50% of the graded course credits required for Minor in Language and Culture for the Practice of Science (LCPS) may be double-counted in a student's Major.

¹ The prerequisite for FR/SPAN 3105 and 3106 can be satisfied through completing FR 2106/2164 or SPAN 2106. It can also be met through high school study of French or Spanish and through AP or IB credit. Students with high school study of French or Spanish should consult with an advisor in the appropriate language to determine placement.