

WISCIENCE COMMUNITY-BASED LEARNING FRAMEWORK

COURSE: SERVICE WITH YOUTH IN STEM (UNDERGRADUATE)

OVERVIEW

Service with Youth in STEM is a semester-long course open to any undergraduate student and focuses on building community partnerships, understanding organizational missions and community needs, and implementation of informal science outreach experiences. Students in this course lead after-school science clubs for elementary school students.

COURSE TOPICS AND FRAMEWORK COMPONENTS

Course topics for Service with Youth in STEM have been informed by the community-based learning framework. Below is a summary of the Service with Youth in STEM course topics, along with the framework domains that correspond to each.

Service with Youth in STEM Weekly Topics	Primary domain(s) connected to the CBL Framework
Integration of Lecture, Lab, and Community	Academic and Professional
Building Community Partnerships	Community Engagement
Neighborhood Indicators Project	Diversity and Intercultural
Understanding Who You Serve	Community Engagement; Diversity and Intercultural
Identity and Self-Efficacy	Personal Growth and Leadership
Importance of Reflection	Community Engagement
Educators’ Instructional Design	Academic and Professional
Communication Styles and Approaches	Social and Communication
Audience and Engagement	Community Engagement
Social Justice	Personal Growth and Leadership; Social and Communication
The Need for Diversity in STEM	Diversity and Intercultural
Leadership in Service	Personal Growth and Leadership
Self and Peer Assessment	Personal Growth and Leadership
Pathways to Service	Civic

Distribution of the community-based framework domains within the Service with Youth in STEM course:

