

# WISCIENCE COMMUNITY-BASED LEARNING FRAMEWORK

COURSE: EXPLORING SERVICE IN STEM (FIRST-YEAR UNDERGRADUATE)

## OVERVIEW

Exploring Service in STEM is a semester-long seminar for first-year undergraduate students who are broadly interested in pursuing STEM fields. The course focuses on an orientation to campus, orientation to the off-campus community, and exploring STEM public engagement through volunteer opportunities.

## COURSE TOPICS AND FRAMEWORK COMPONENTS

Development of course topics for Exploring Service in STEM combined two high-impact practices – first year seminars and community based learning, and also incorporates components from the community-based learning framework. Below is a summary of the Exploring Service in STEM course topics, along with the framework domains that correspond to each.

| Exploring Service in STEM Weekly Topics         | Primary domain(s) connected to the CBL Framework  |
|-------------------------------------------------|---------------------------------------------------|
| What is public service?                         | Civic                                             |
| Pathways of public service and civic engagement | Civic                                             |
| The Wisconsin Idea                              | Civic; Community Engagement                       |
| Engaging in service as a university student     | Civic; Community Engagement                       |
| Identity in STEM culture and community          | Personal Growth and Leadership                    |
| Diversity and Inclusion in STEM                 | Diversity and Intercultural                       |
| Reflection as a way of learning                 | Community Engagement                              |
| Asset-based community development               | Community Engagement                              |
| Ways of knowing the Madison community           | Community Engagement; Diversity and Intercultural |
| Career and volunteer panel                      | Academic and Professional                         |
| Science and public policy                       | Civic                                             |
| Impacts of university research in the community | Community Engagement                              |

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

