



CALIFORNIA STATE UNIVERSITY
FULLERTON

Curriculum Map Visualization: Promoting Learning Outcome Alignment

Jyenny Babcock, Su Swarat, Michael Shafae & Sara Hariri

WSCUC ARC 2018

Align assessment at a large institution

- > 40,000 students
- > 4,000 faculty and staff
- 109 degree programs

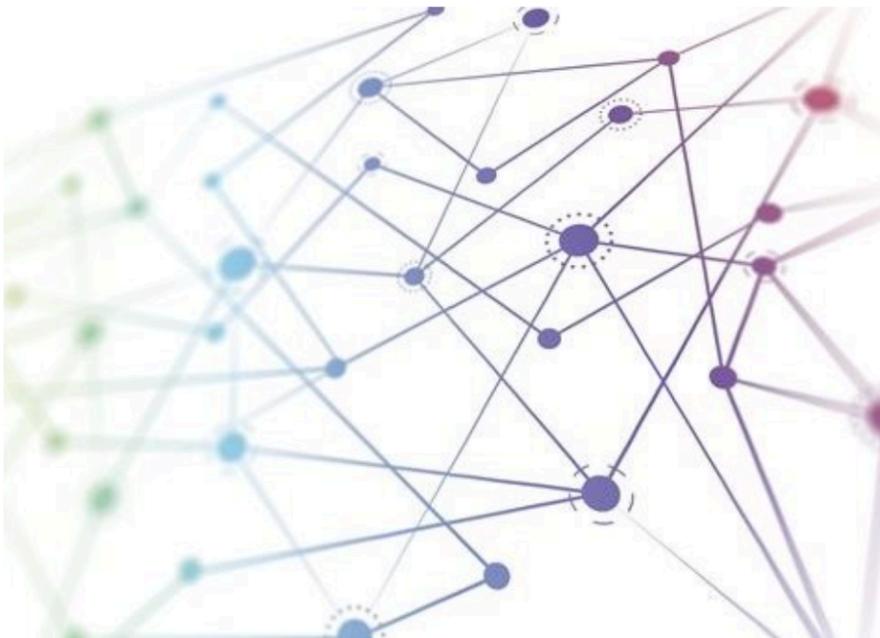


- Undergraduate Learning Goals
- Graduate Learning Goals
- University Strategic Plan Goals
- WSCUC Core Competencies

Curriculum map

National Institute for
Learning Outcomes Assessment
Making Learning Outcomes Usable & Transparent

Mapping Learning: A Toolkit of Resources



1

- Provide an overview of the structure and relationship between individual courses and program learning goals;
- Explore alignment within a program, or between general education and institutional goals, etc.;
- Identify where and how particular outcomes are expected, taught, and assessed;
- Identify program strengths and gaps
- Provide students with an overview of the role of each course in the curriculum.

Curriculum map (cont.)

Program SLOs

Courses

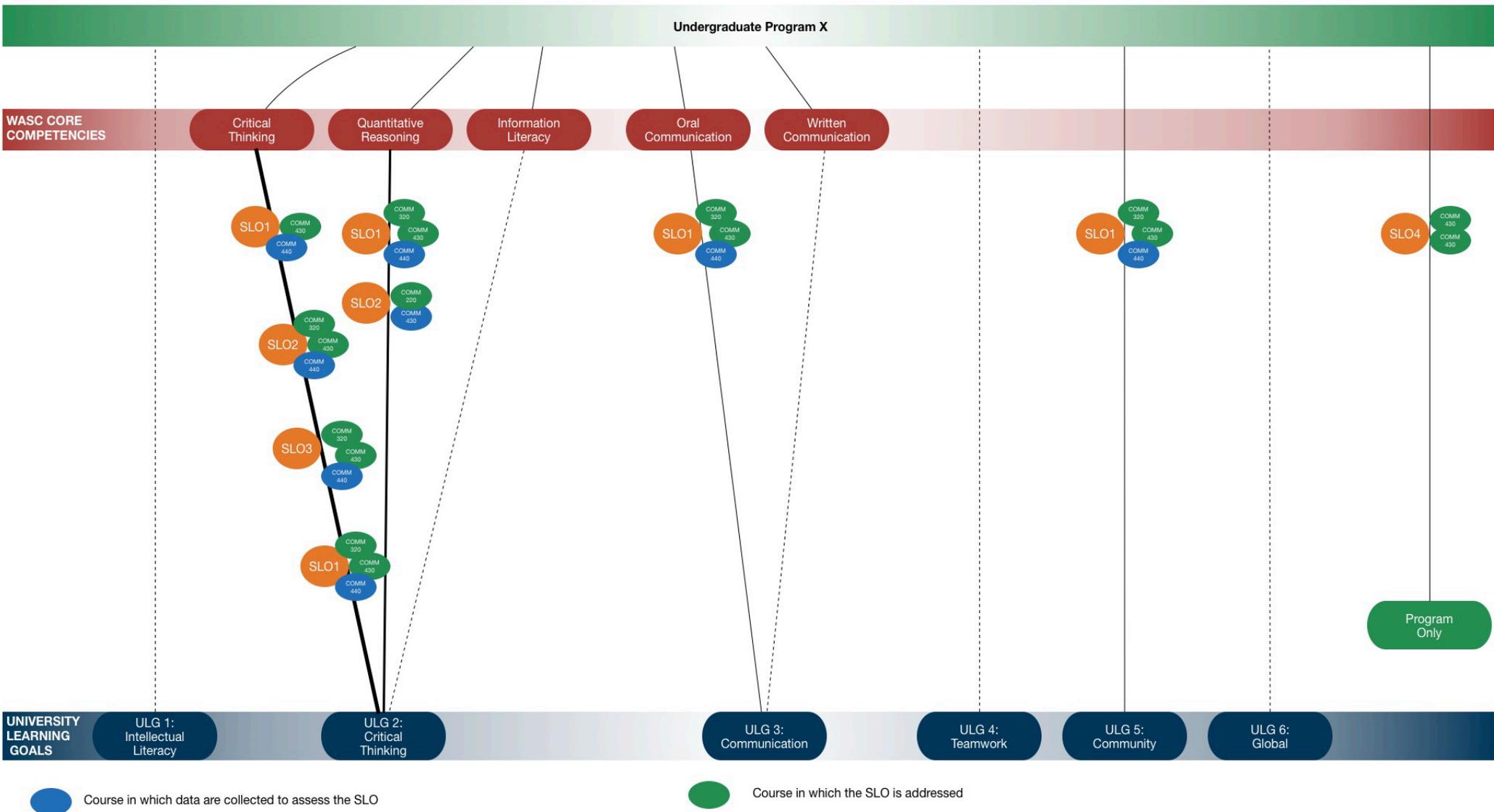
SLG	101	201	215	394	300	301	305	310	325A	325B	321	322	323	AdvPr	490	491
1a. Describe and explain relevant theories, concepts, and related research findings			*	*	*	*	*	*	D/M			D/M		*	M	M
1b. Identify and describe normative research				*	*	*	*	*						*	*	*
1c. Describe individual, cultural, and environmental differences				*	*	*	D								M	M
4c. Identify funding, service, and strategies at the local, state, and international levels that impact adolescents, families and communities				D	*	*	*								*	M
2a. Identify, access, analyze, and synthesize relevant sources															M	M
2b. Critically analyze research														*	M	M
3a. Write effectively in APA style, taking purpose and audience into account													D	*	M	M
3b. Make effective oral presentations, taking purpose and audience into account	*	*								*	*	*	*	D	M	M
4a. Apply theories, concepts and research findings to promote child well-being	I	I							D	D	D	D	D	M	M	M
4b. Identify relevant ethical and legal issues and the impact of possible actions in real-world situations	*	I	I						*	*	*	*	*	M	*	M

Undergraduate or Graduate Learning Goals

University Strategic Plan Goals

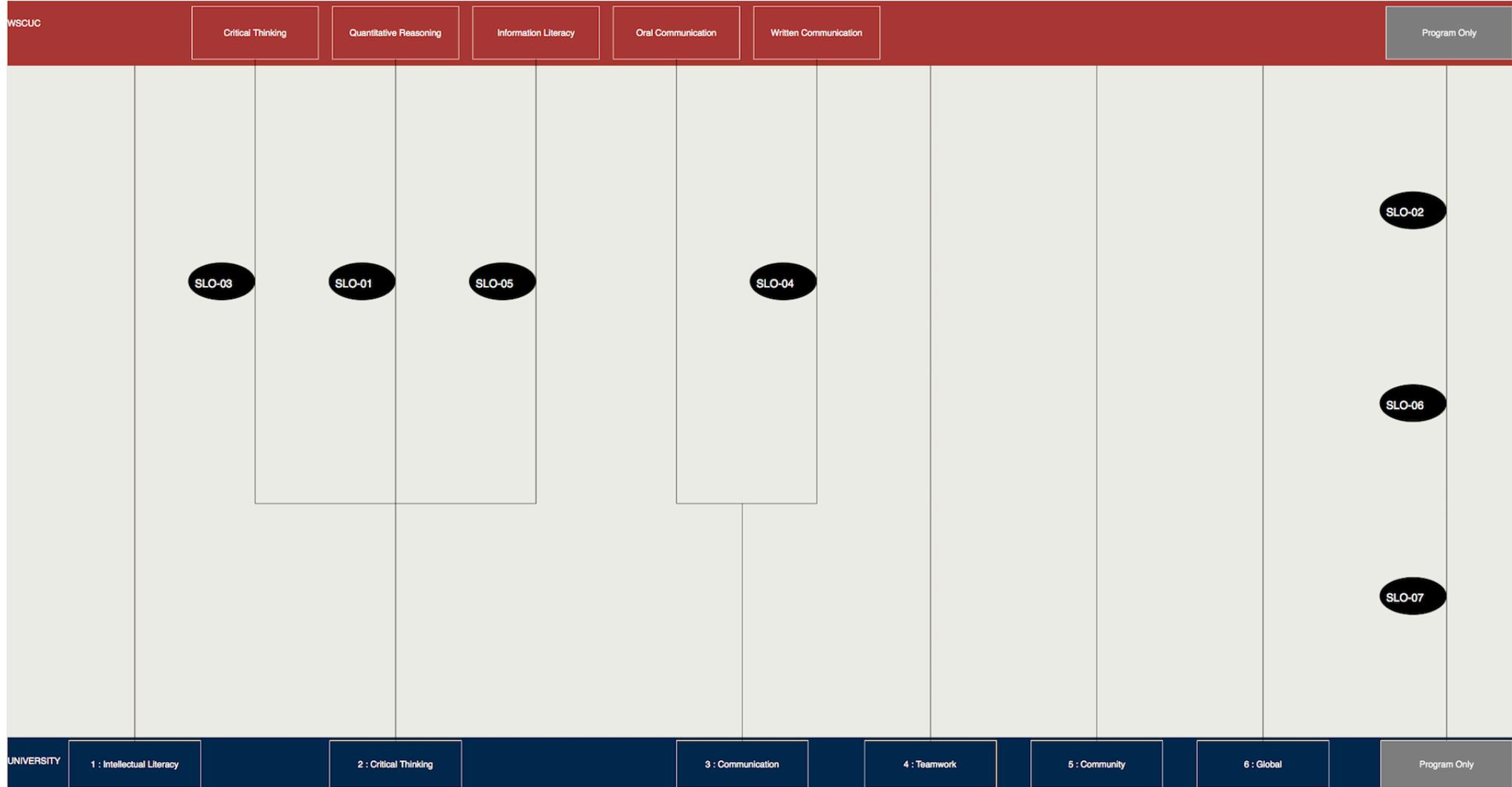
WSCUC Core Competencies

Solution: A visualization tool

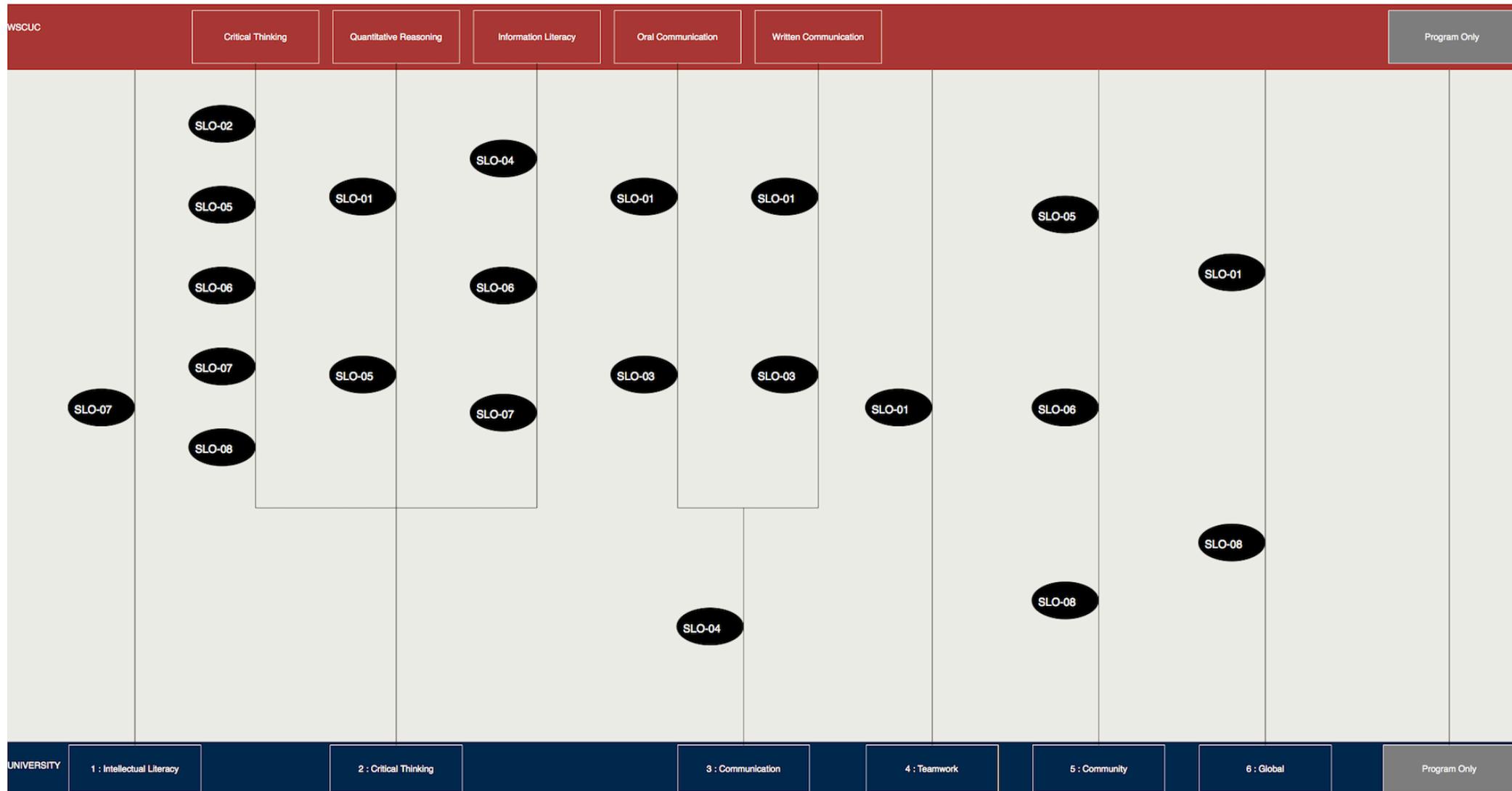


**Conceptual illustration*

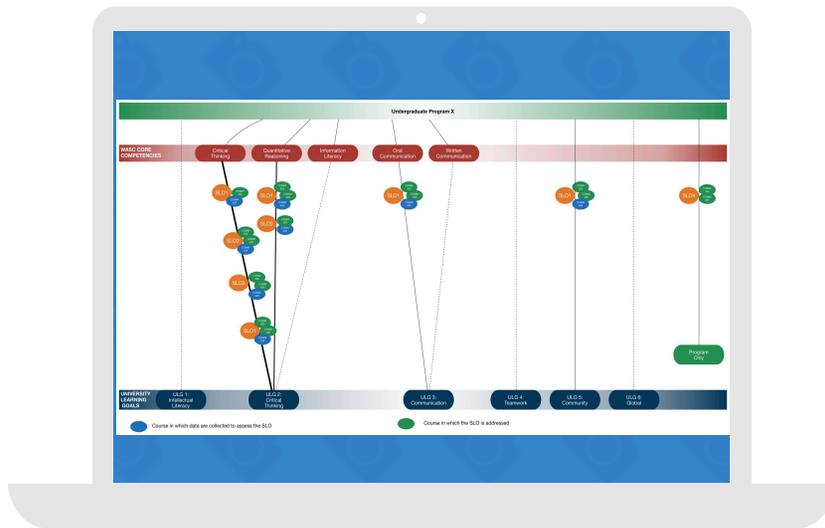
SLO alignment: Example 2



SLO alignment: Example 3



Sources of information



SLO alignment

- Assessment management system
- Assessment annual report

Courses

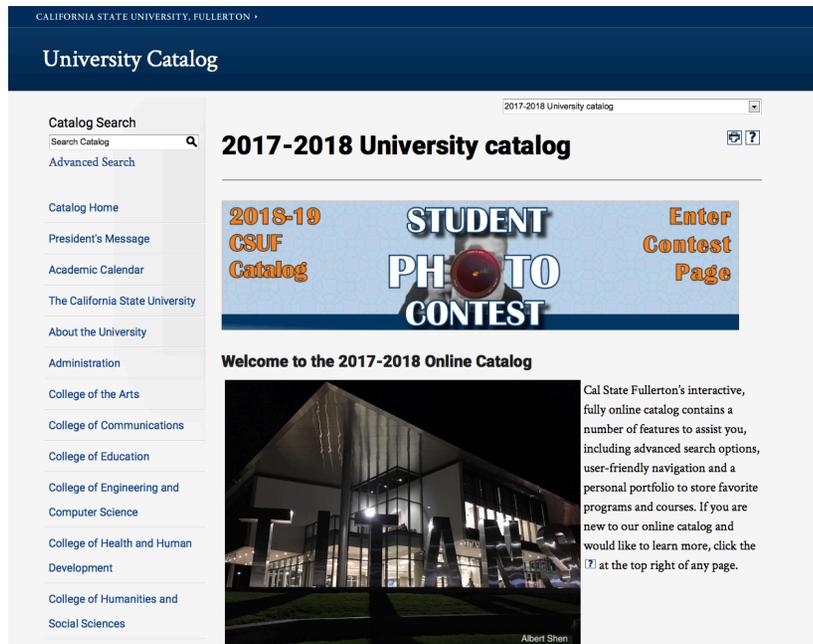
- University catalog

SLO - Course mapping

- Faculty

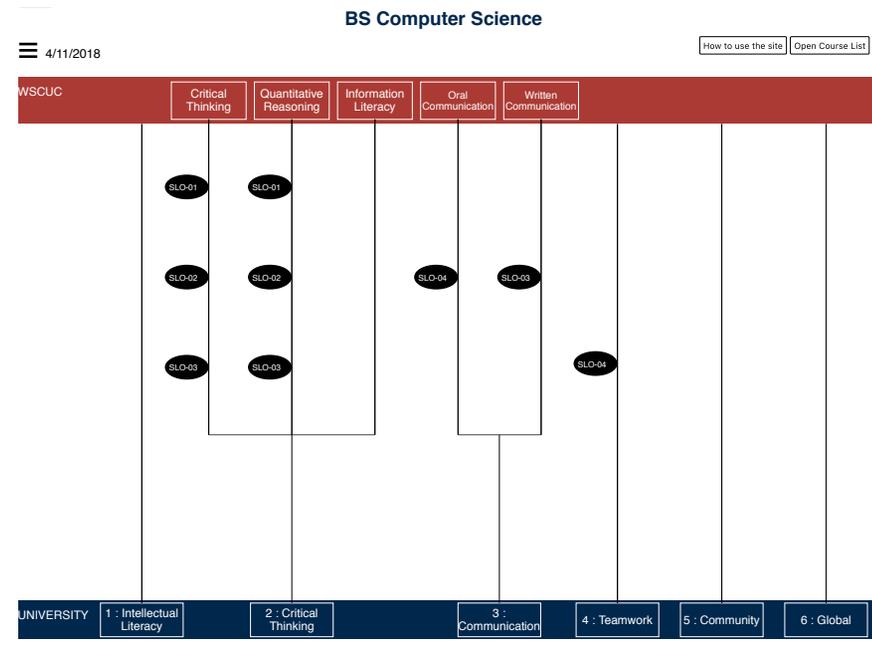
Data refreshed on an annual cycle

Catalog “scrape”



- Read-only *database* updated annually
- Identifies colleges, departments, programs, courses
- General education requirements and *exceptions*
- Degree *requirements*

Demo



- Representation of SLOs and ULGs
- Map courses and save for later use
- Easy to draw *if* you have data
- Curriculum Map abstracted and stored separately
- Live editing of Curriculum Map tracking per user changes (*forthcoming*)

Challenges

- Change...(catalog, SLOs, technology, process)
- Tracking changes in course mappings
- Maintenance and integration with existing services
- Integration with existing business processes

Thank you

Contact: data@fullerton.edu