WIL in Interconnected Science Degrees What are WIL outcomes?

1) Identify WIL in degrees

a) Learning guides Explicit WIL

b) Questionnaire Hidden WIL

c) Do we need more WIL?

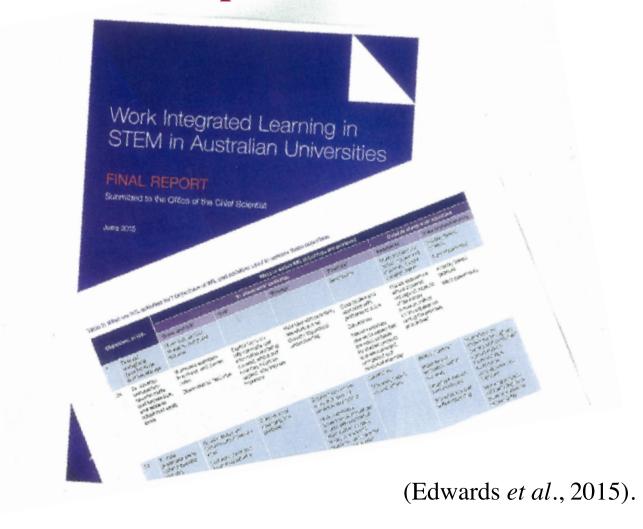
2) New intern type unit

"Scientist" & "The Science Professional"





#### So far: 71 units completed WIL activities assessed using rubric -> degrees 'WIL in Science' unit passed SAC



## Interviews

Face to face and video

## Find information about WIL activities happening in unit.

### **Promoting change**

	WESTERN SYDNEY UNIVERSITY W
WIL Questionnaire	W
Date (dd/mm/yyyy)	
UNIT CO-ORDINATOR INFORMATION Name Title E-mail Phone Extension	
UNIT INFORMATION Unit Name Unit Number Main Discipline Area	Biology _
Do you know what WIL is? If yes, then record co-ordinator's description of WIL here:	Yes No
THIS UNIT HAS BEEN IDENTIFIED FROM THE LEARNING GUIDE AS HAVING A POTENTIAL WIL ACTIVITY.	● Yes ○ No
Given that WIL is a term for an activity or program that integrates academic learning with its application in the workplace, can you identify potential WIL activities in the unit that you co-ordinate?	● Yes ○ No

# Mapping.

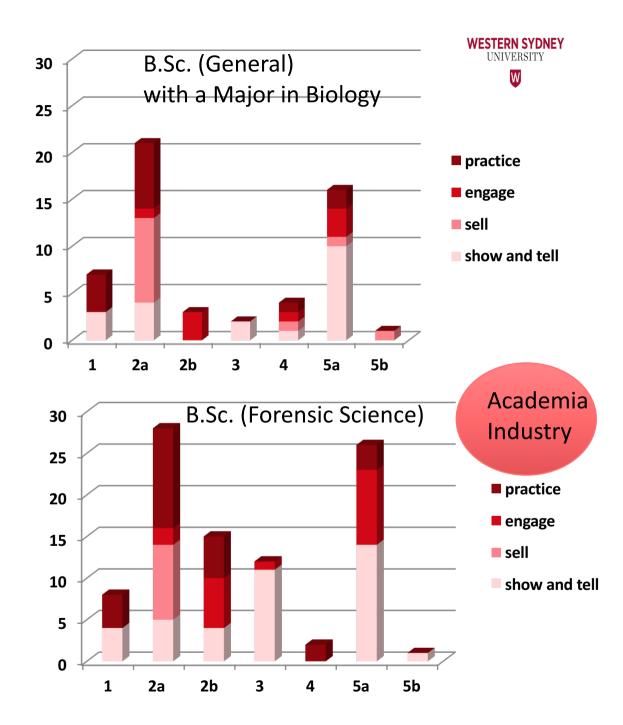
- 1. Build workplace skills & knowledge
- 2. To develop occupation skills/knowledge & skills to adapt and apply

2b Train professionals to enter a specific industry

- 3. Understand nature of industry/occupations
- 4. Facilitate self understanding

5a. Develop employability and contextualised language, literacy and numeracy skills

5b. Career management





students choose a test to be accredited by NATA

use professional literature

Assessed by NATA personnel

Reflection and audit recommendations.

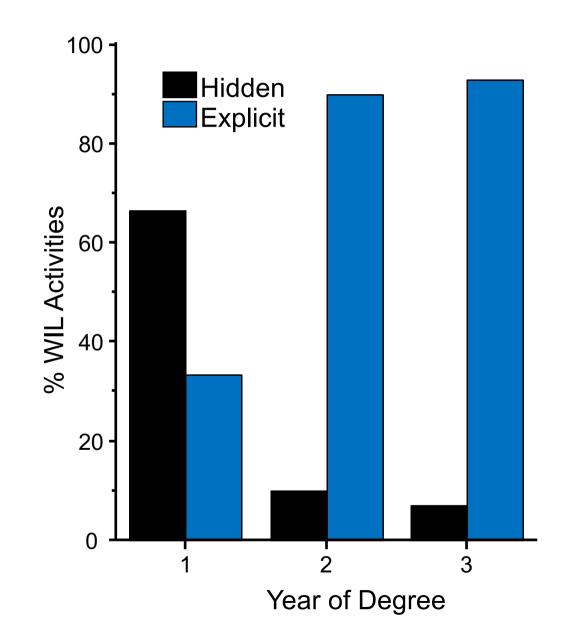


Phillips, M. & Markham, J. (2016) Microbiology Australia, May 90-91,

VESTERN SYDNEY UNIVERSITY

## **Explicit vs Hidden WIL**





1. Build workplace skills & knowledge

2. To develop occupation skills/knowledge & skills to adapt and apply

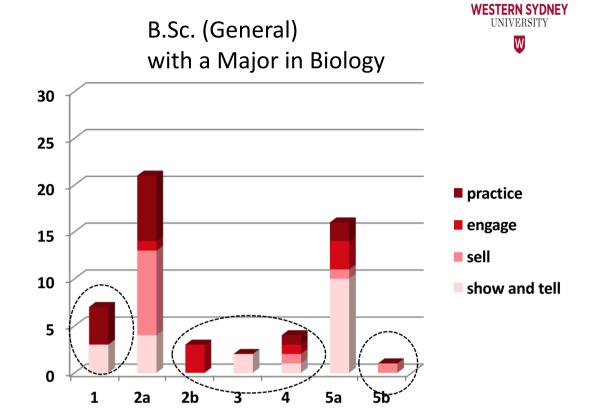
2b Train professionals to enter a specific industry

3. Understand nature of industry/occupations

4. Facilitate self understanding

5a. Develop employability and contextualised language, literacy and numeracy skills

5b. Career management



Is WIL taught and assessed?



# **Does the Rubric Work?**

Work Integrated Learning in STEM in Australian Universities

FINAL REPORT Summitted to the Office of the Civer Science

- Great discussion point to identify areas considered WIL
- Missing:
  - separating out transferability of skills to non traditional settings
  - basic workplace behaviors

# Where to next?

- Discussion on WIL outcomes at university level
  - Minimum WIL
  - Moving hidden WIL to be explicit WIL
  - Teaching and assessment
  - Role of extracurricular support
- Use of champions to help aid promotion of WIL
- The roll out and reflection on WIL intern unit.



#### **Course = discipline knowledge + graduate attributes +WIL**

The Science Professional