

UA Sustainability Council || Agenda



Nov 12th, 2019
3:00-4:30PM
Davis Hall Rm. 111 (Conference Room)
Tuesday

Meeting Agenda:

1. Introductions
2. Co-chair updates
 - a. Executive Director, University Arkansas Resiliency Center, Marty Matlock
 - i. Proposal season, 40 fac/staff working on proposals—food, water, & community systems
 - b. Associate Vice Chancellor, Facilities Management, Mike Johnson
 - i. Final – SEFOR, officially off the books, radiological and environmental clearances have all been met.
 - ii. ESPC #4 is progressing rapidly. It includes a 5MW solar array to be built in the Ft. Smith area (7-8% of total campus electricity demand)
 - iii. Swepco is still moving forward with PSC approvals for a wind energy project within SPP South which would add a significant amount of wind energy to the grid's portfolio, and create an opportunity for the UofA to purchase RECs from the project
 - c. ASG Sustainability Chair, Sophie Hill
 - i. Complete Maple Street design resolution was unanimously approved for support by ASG with 100% approval
 - ii. Fair trade resolution with Chartwells will be put on the table tonight (Nov 12th) at the ASG meeting
3. Sustainability Minor Update, Dr. David Hyatt
 - a. Dr Hyatt provided an overview of the minor and sustainability graduate certificate
 - b. Slides attached
4. 2019 UA Sustainability Report
 - a. Eric Boles provided a brief overview of the 2019 UA Sustainability Report, which can be found at sustainability.uark.edu after November 23rd, 2019
5. UA Water Action Plan || a preliminary analysis
 - a. Eric Boles provided a summary of the UA Water Action Plan document which is hosted on the Sustainability website.
6. UASC Carbon Footprint Task Force meetings
 - a. Meetings have been productive, but each meeting moving forward will take a deeper dive into a specific topic of UA carbon footprint
 - i. Renewable energy meeting is Nov 21
 - ii. Information Technology meeting is Nov 22
7. Circular economies of NWA and UA recycling transparency, Stephen Ritterbush

- a. Stephen advocated for taking advantage of the “ride along” clause in our existing waste and recycling contract with Waste Management. Council members were in agreement that this is a useful exercise. The contract details will be reviewed.
8. 2019 UA Sustainability Council calendar invitations will be distributed soon
9. Meeting adjourned at 4:30PM

UA Sustainability Council Meeting

November 12, 2019

3:00 – 4:30pm DAVH 111

Agenda

- Overview
- Update on the sustainability minor
- Update on the graduate certificate
- Questions

Sustainability Curriculum Committee members

Last Name	First Name	Title	Discipline
Nalley	Lawton Lanier	Professor	Agri-economics
Runkle	Benjamin R.	Assistant Professor	Agri-engineering
Allen	Myria	Professor	Communication
Douglas	Marlis R.	Professor	Biological Sciences
Rom	Curt R.	Associate Dean for Intl. Education	Horticulture
Smith	Carl Alan	Associate Professor	Landscape Architecture
Johnson	Jon	Professor	Business (strategy)
Matlock	Marty D.	Director of UA Resiliancy Center	Agri-engineering
Gosman	Sara	Associate Professor	Law
Hyatt	David	Research Associate Professor	Business (supply chain)
Herold	Warren	Assistant Professor	Philosophy
Vacant			

SUST Programs & structures

- Sustainability minor
 - 18 hours – 3 SUST classes and 3 from an extensive list of electives
 - SUST 1103 Introduction to sustainability
 - SUST 2103 Applications of sustainability
 - SUST 4103 Sustainability capstone (or 390v for 1 hour)
- Graduate certificate in sustainability
 - 15 hours – 1 WCOB class and 4 from a list of electives
 - WCOB 5023 Business in Sustainability

Governance and Teaching Structure

- Multidisciplinary curriculum advisory committee approves courses for inclusion in the programs and provides overall guidance and assistance
- As of Fall 2018, the academic programs reside administratively in the Fay Jones School of Architecture and Design
- SUST 1103 and 2103 are managed by one professor but are co-taught with faculty from multiple disciplines
 - Spring 2018 – Philosophy, bioengineering, sociology, business, landscape architecture, apparel merchandising

Affiliations

- **National Council for Science and the Environment** – Non-profit organization that works with scientists, educators, policymakers, business leaders, and officials at all level of government to inform environmental policy and decision-making with the use of science.
 - Matlock is the incoming chair of its Council of Environmental Deans and Directors (CEDD)
 - Hyatt currently on teamworking to define the core competences for sustainability curriculum
 - UA hosted the Summer 2019 CEDD Conference
- **Net Impact** – RSO and international association aiming to build a network for students and professionals seeking to create social or environmental value in their life and work-life.
 - Local professional chapter is very supportive
 - Hyatt and Eric Boles are NI advisors

SUST course enrollment

\$ 22,253
 40,643
 33,973
 1,419
 18,527
 15,081
 \$ 131,896

Allocation of faculty support (Hyatt for 3 years)
 Salary funds reallocated to ARCH for which program

	SUST 1103	SUST 1103H	SUST 2103	SUST 2103H	SUST 390V	SUST 4103
	152		117			21
	157		83			19
	179		95	6	6	22
2015	219	5	74		6	45
2016	182	8	64		6	44
2017	103	14	61		5	36
2018	118		63		16	27
2019	93	8	53		29	23

Based on the capstone enrollment, estimate we are graduating about 40-45 students per year.

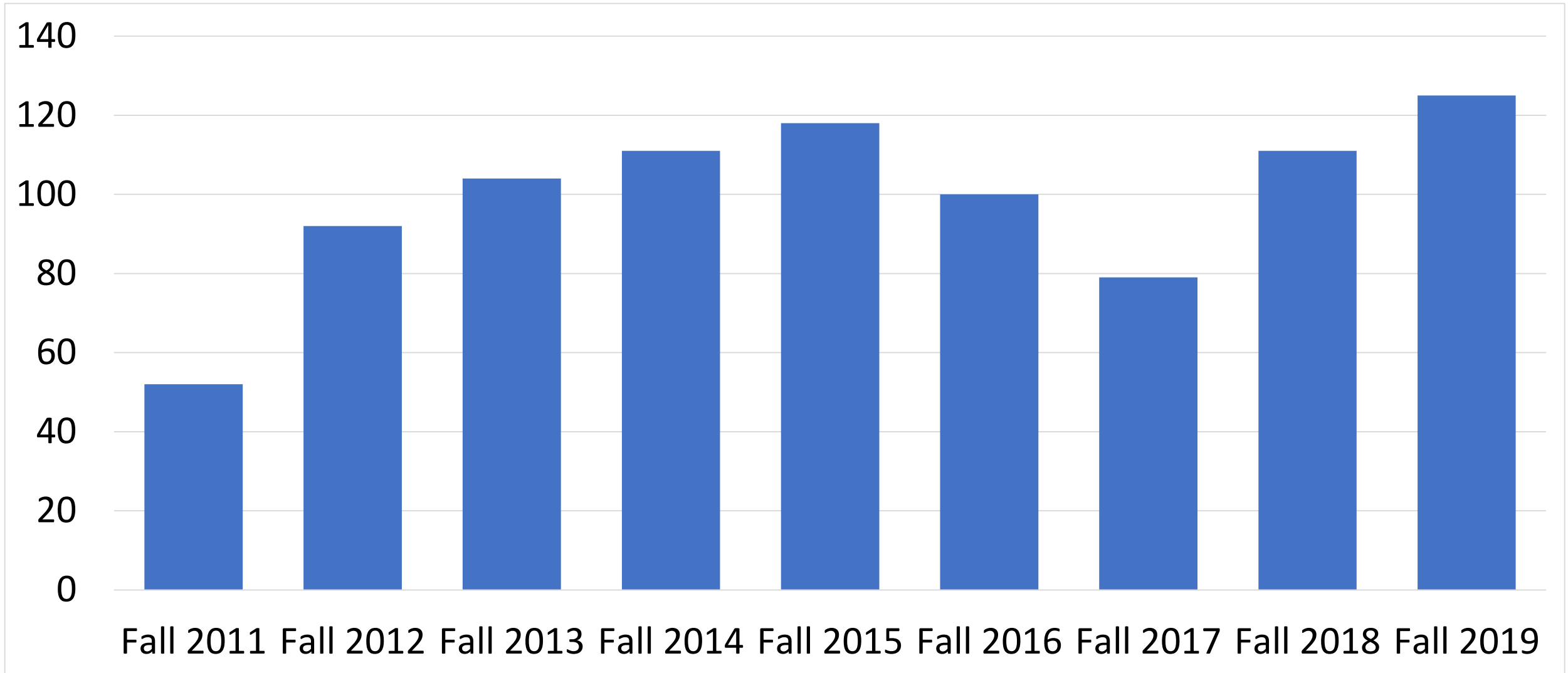
2018-2019 Budget

Teaching Salary	\$	22,253
GA teaching Support		40,643
Program Administration		33,973
Wages and Student Wages		1,419
Fringes		18,527
Maintenance		<u>15,081</u>
Total	\$	131,896

Not inclusive of WCOB dedication of faculty support (Hyatt for 3 years)

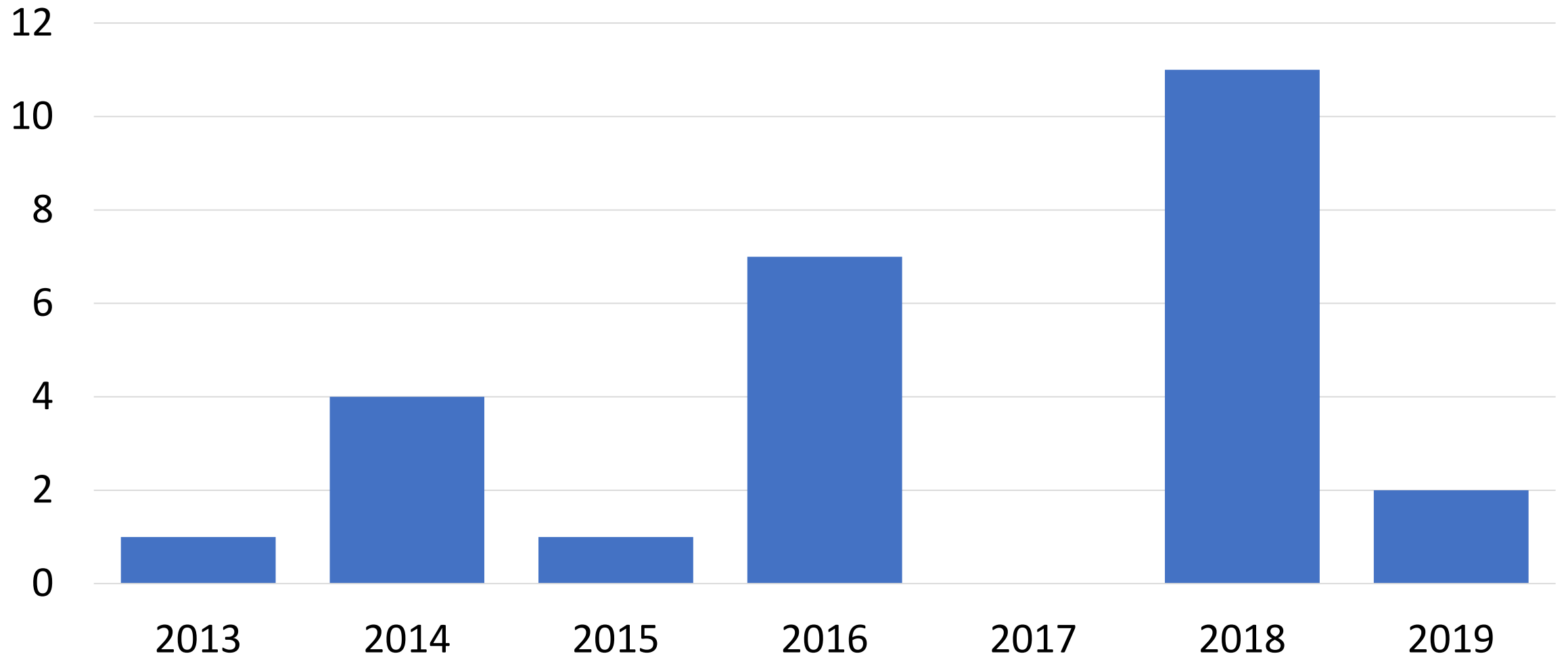
Not inclusive of classified salary funds reallocated to ARCH for which program support is received

Minor enrollment: 2011-2019



Source: UA Institutional Research except for Fall 2019

Graduate certificates conferred



Graduate Certificate Program Review

- Review, revise, and measure learning outcomes
- Strengthen external linkages to promote / build program
- Strengthen external linkage the ENDY
- Remove WCOB 5023 and replace with required online course on sustainability theory (s), regular lunchtime, seminars, discussion groups and guest lectures
- Increase staff support
- Market the program – internal & external
- Ensure program is housed in the appropriate part of the university with a supporting Dean

End

Current initiatives (Fall 2018 / Spring 2019)

- Recruiting and growing enrollment
 - Aiming for 25% continuous growth for several years
 - Brochures and collecting student feedback
 - Connecting with advisors in the colleges
- Creating “newswires” on all past capstone projects
 - Resource for students
 - With Honor’s College, will post on [Plant Forward](#) web
- Documenting processes and procedures
- Building faculty network, re-engaging the curriculum committee
- (Planning spring classes)

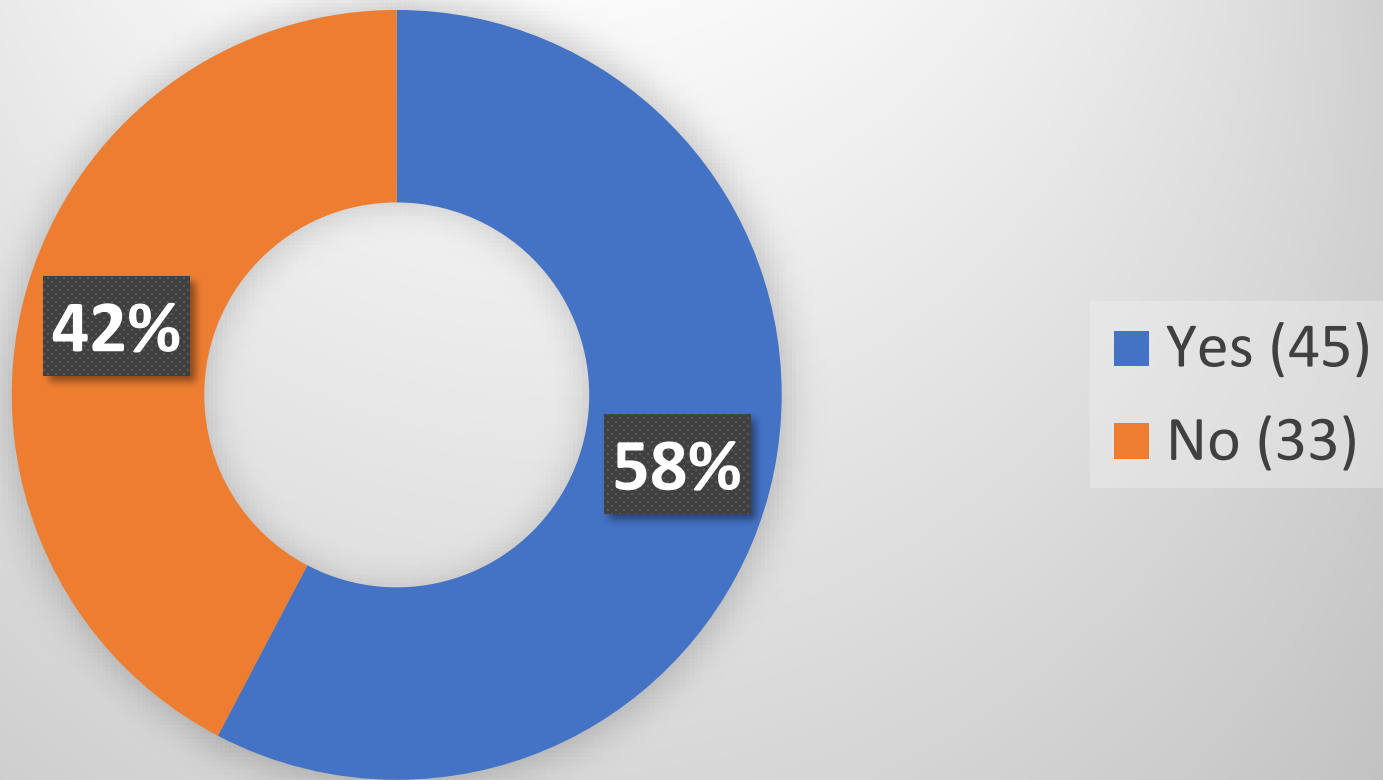
Longer term challenges

- Doing more with less
- Offering honors sections again (note that 23 of the 63 students in SUST 2103 in Fall 2018 are honors students)
- Offering core classes each semester (or at least SUST 1103). Current scheduling is problematic for some students
 - May require a different teaching approach
- Revisiting the curriculum
 - “institutionalizing” its offering
 - Revisiting the capstone
- Creating a presence and engaging with alums
- Courses for graduate certificate, especially online
- Potentially, additional SUST classes for the minor.

Previous Slides

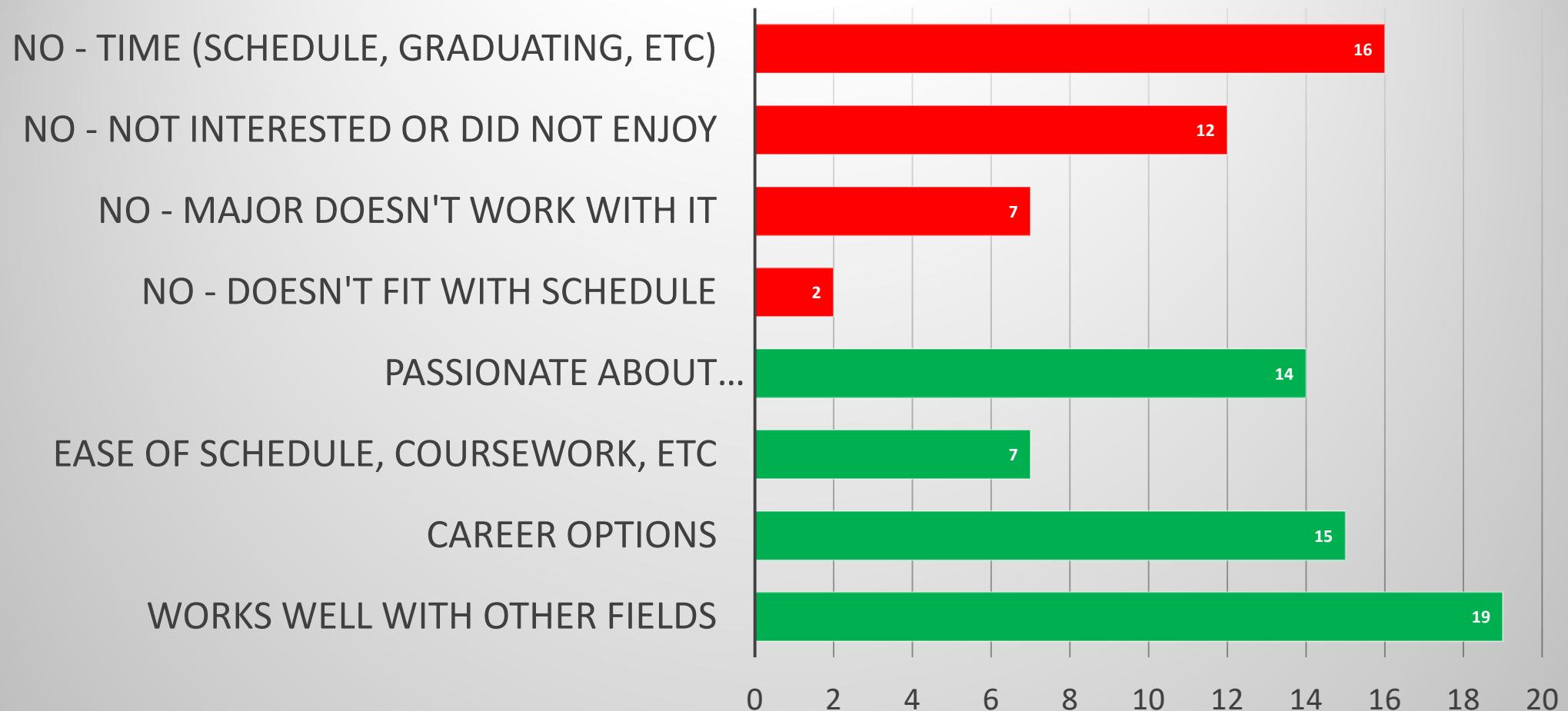
SUST 1103 (Intro class) Survey

Declared for Sustainability Minor?



SUST 1103 Survey

Reason behind Sustainability Minor Declaration



Sustainability Curriculum Committee Meeting

November 29, 2018

3:30 – 5:00pm Vol Walker 210

Agenda

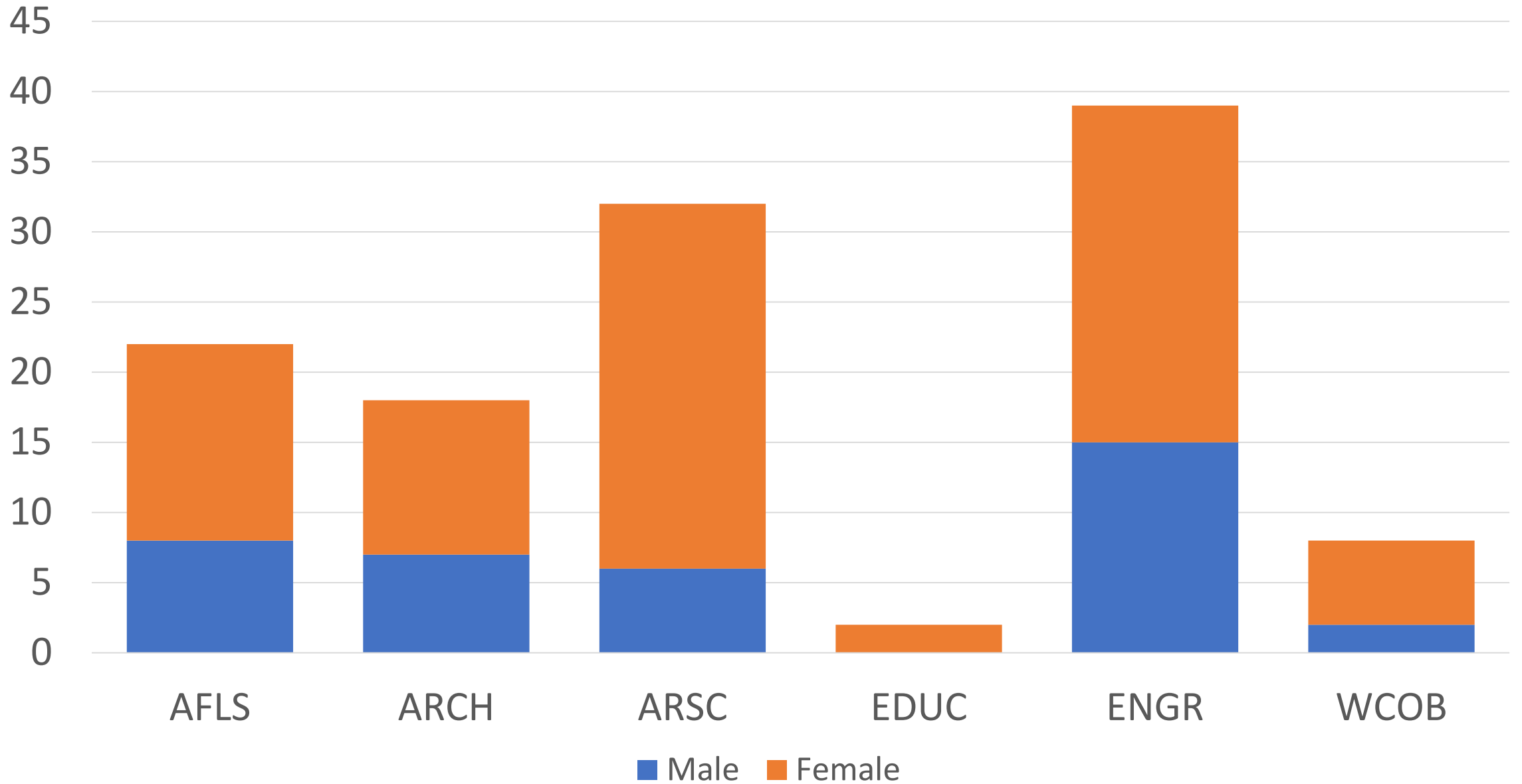
- Introductions
- Review of the program and program budget, Identification of key issues
- Update on the Resiliency Center and consideration of the committee role
- Discussion of some key issues and creation of an action list for spring
- Open discussion

Spring
2019

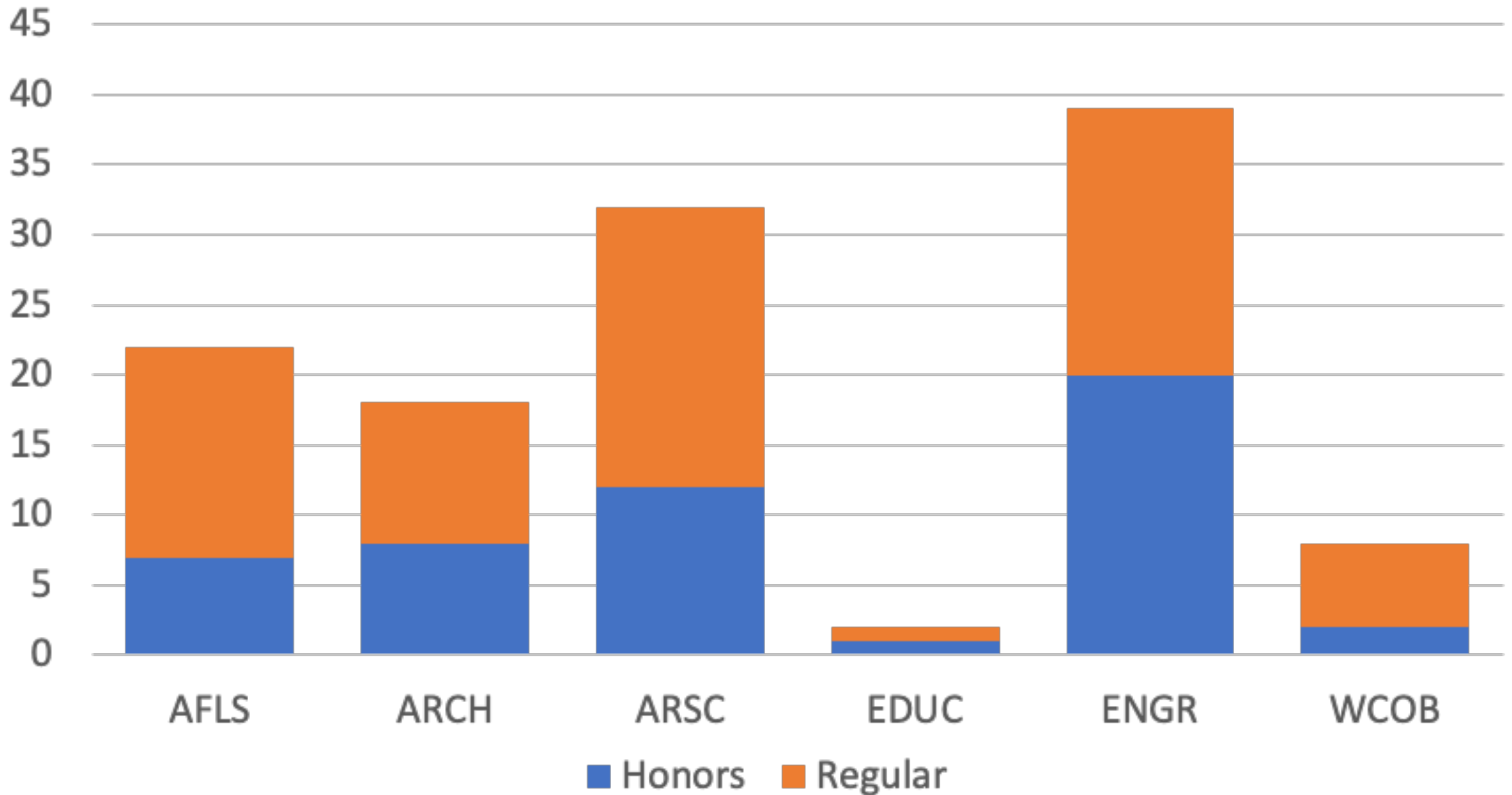
1103

Week 1	01-14	Introduction to the course and sustainability	
Week 2	01-21	Introduction to sustainable development	D
Week 3	01-28	Social sustainability and the social construction of nature	D
Week 4	02-04	Social sustainability, population, and resource limitations	D
Week 5	02-11	Introduction to the food, energy, water (FEW) nexus	M
Week 6	02-18	Resilience and sustainable food systems	C
Week 7	02-25	Resilience and sustainable food systems	C
Week 8	03-04	Resilience, community development, and public policy	B
Week 9	03-11	Resilience and public policy. Exam 1	B
Week 10	03-18	Spring Break ☺	
Week 11	03-25	Design for health, energy, and material efficiency	T
Week 12	04-01	Design for health, energy, and material efficiency	T
Week 13	04-08	Sustainability in Business Systems	D
Week 14	04-15	Sustainability in apparel	L
Week 15	04-22	Place Understanding for Resilience	C
Week 16	04-29	Course Wrap EXAM 2	D
Week 17	05-06	Final Exam	

Minors by College and Gender



Minors by College and Honors Designation – Fall 2018



Minor Graduates

Cal Year	AFLS	ARCH	ARSC	EDUC	ENGR	WCOB	Total
2012	2	2	7	1	2		14
2013	4	10	5		4	2	25
2014	3	3	7		7	2	22
2015	9	12	9		11	2	43
2016	7	4	12	1	15	4	43
2017	5	10	6	1	14	8	44
2018 Spr/Sum	8	1	9		20	1	39
Total	38	42	55	3	73	19	230