

Guided Pathways in Action

A photograph of a college campus. In the foreground, there are trees with vibrant pink blossoms. A concrete picnic table sits on a paved area. In the background, a large, white, two-story building with a brown roof is visible under a blue sky with light clouds. A person is walking on a path in the distance.

Woodland Community
College
Convocation
August 2019

Stephanie Curry

**Reedley College Academic
Senate President &
Faculty Guided Pathways
Coordinator**

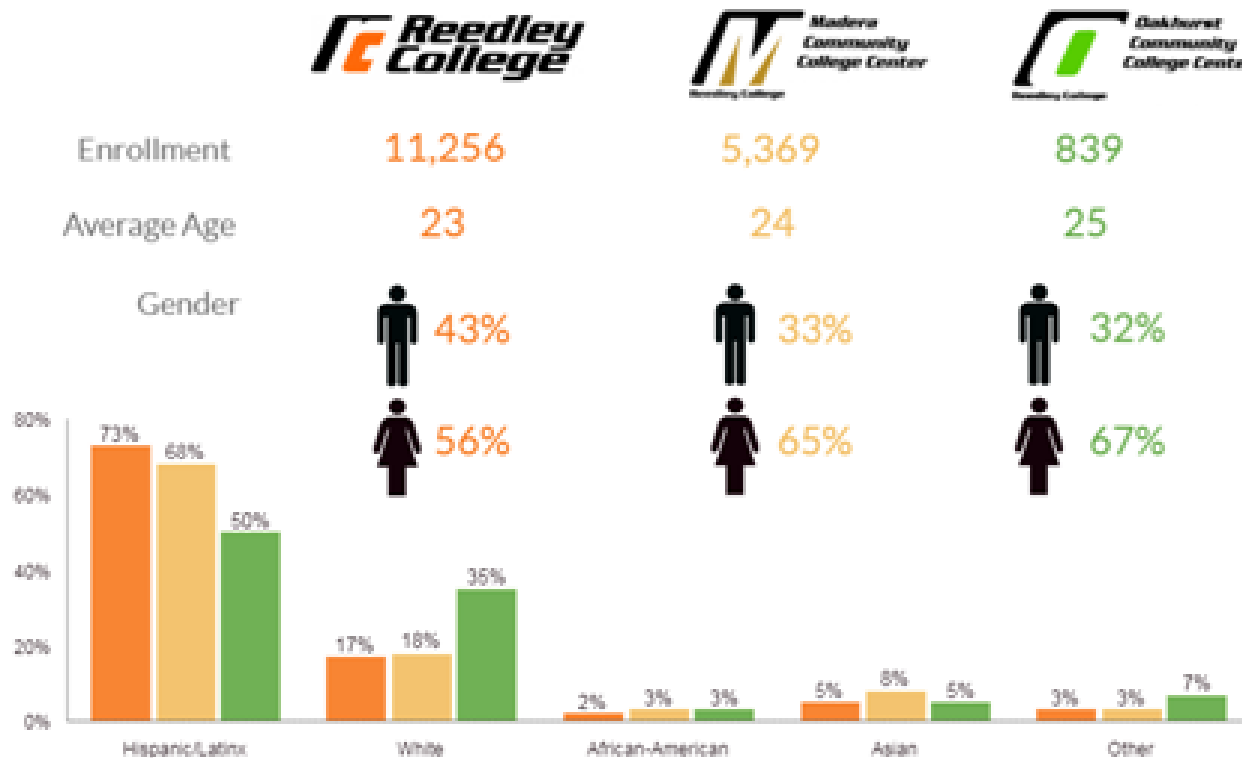
stephanie.curry@reedleycollege.edu



Reedley College



Facts and Figures : 2017-2018



Source: CCCCC MIS

Awards

2,011



Financial Aid

Student Count: 9,889

Aid Amount: \$25M





HOW OUR JOURNEY STARTED



Why Guided Pathways?





Our Why....

**Fall 2017 IR
presented this data
at our convocation**

**= 2,341 Entering Students in
Fall**





1,710-Students
Remain in Spring
(Loss of 27%)

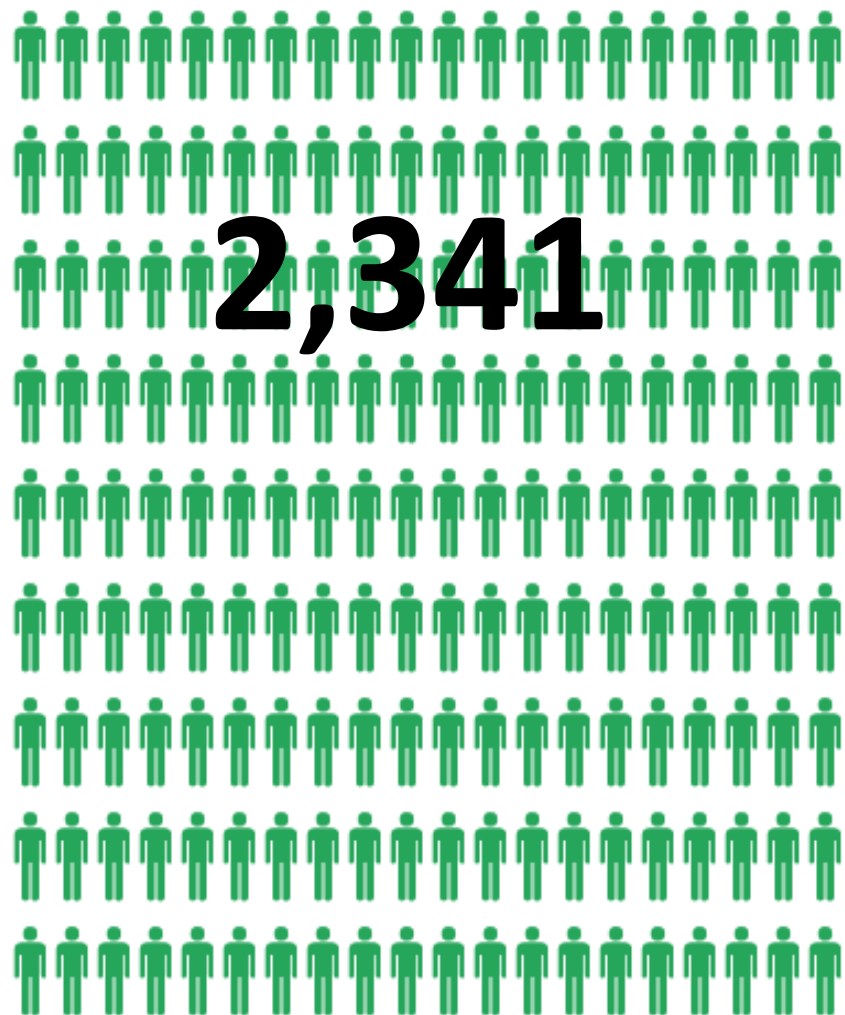


1,178-
Students
Remain
the next
Fall (Loss
of 50%)



920-
Students
Remain in
the second
Spring (Loss
of 61%)





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=

***1,421 Students
Gone***

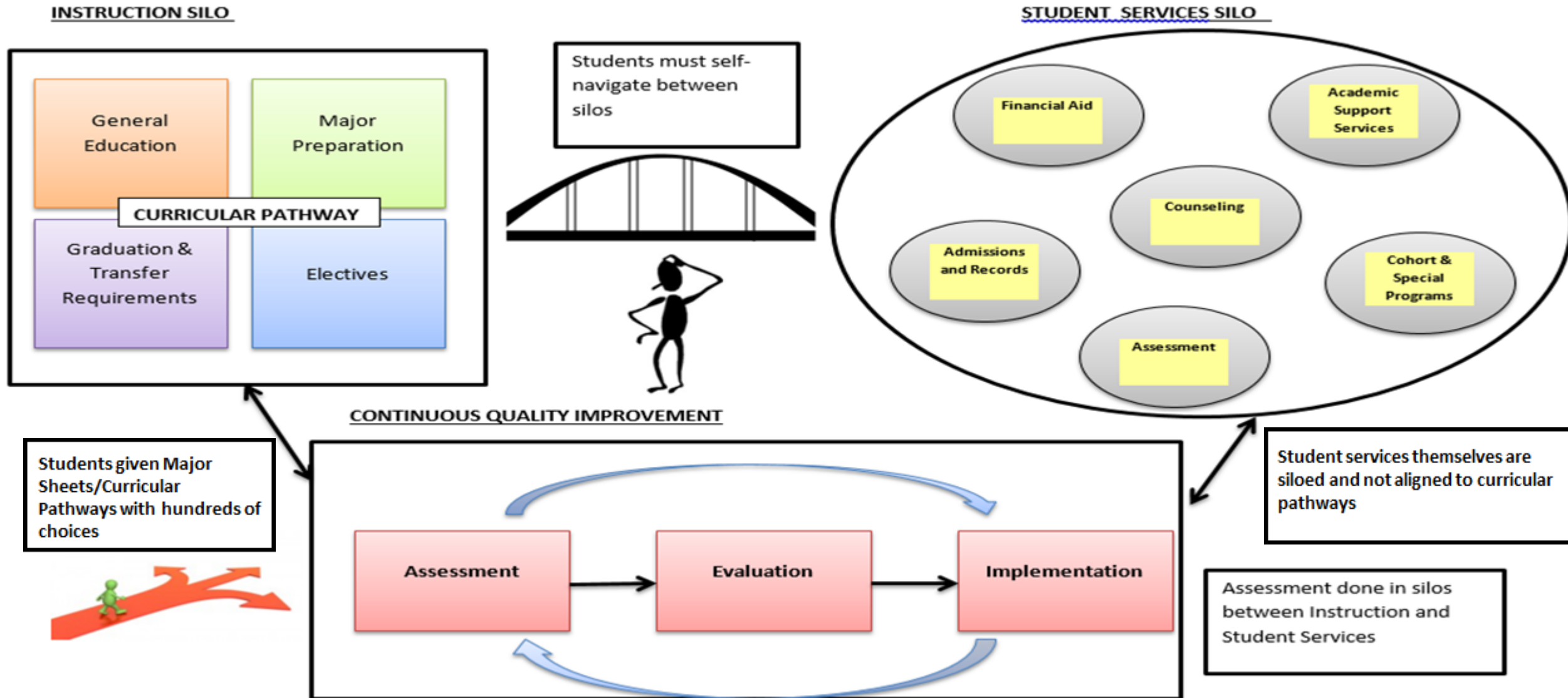
A Common Narrative...

	Number of students entering in Fall 2017	Number of those same students re-enrolling in Spring 2018	Number of those same students re-enrolling in Fall 2018
Reedley College	2342	1710; 73%	1178; 50%
Woodland Community College	645	454; 70.4%	342; 53%

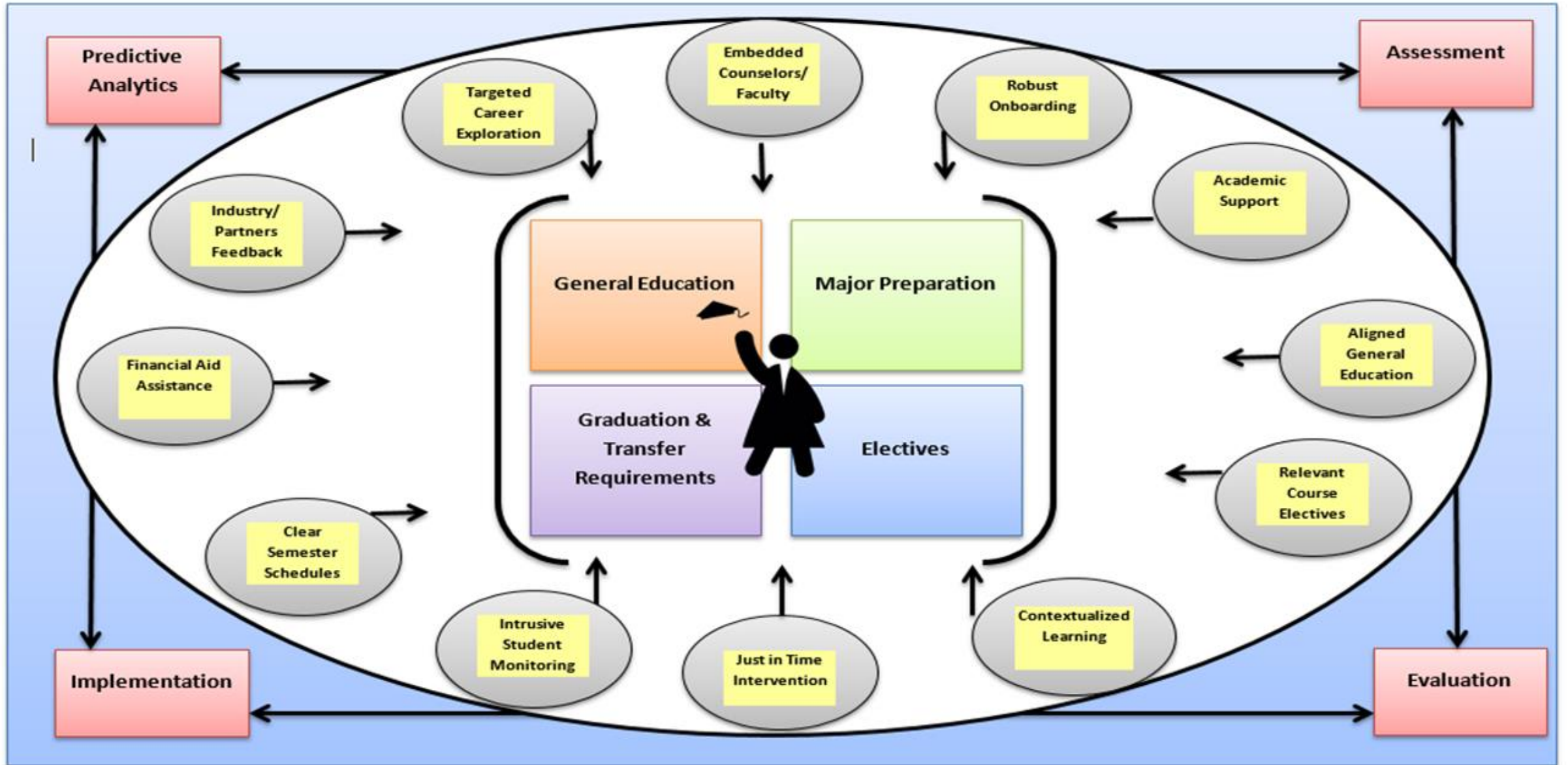
Focusing on Systems



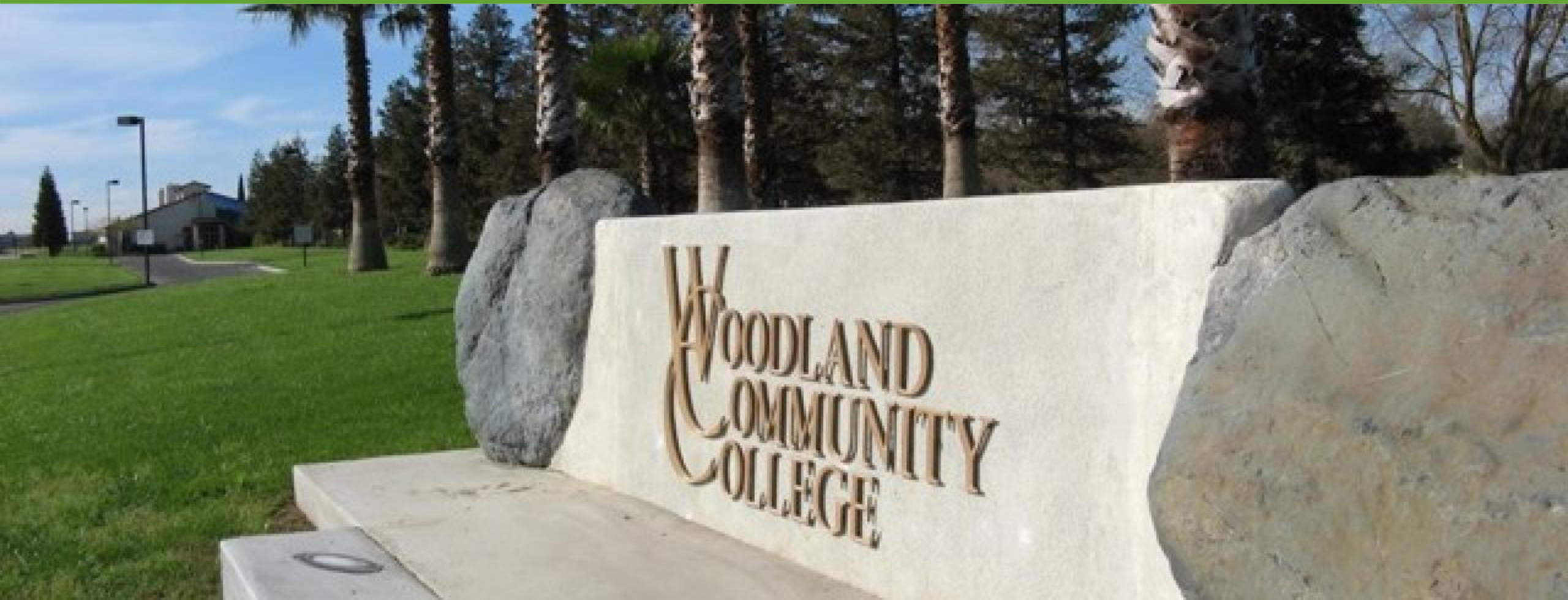
Our Current Structure: SILOS



Our Vision of Guided Pathways: Cross Functional



Activities



Onboarding Faculty: SEP Activity

Enrolling was confusing. I started the process in January and in March I was finally able to enroll.”--RC Student

- How do we ground our faculty and staff / create urgency?
- What processes do we use to onboard constituents?



***“The process forces students to search and hunt for answers that should be clear and present. This process generated confusion and anxiety”
--RC Faculty Member***

First Leg of the Journey: Meta Majors

- **279** Faculty, Staff, Administrators participated
- Around **70%** of Faculty participated
- **120** Students participated in groupings
- **52** Total Groupings ranging from 4-12 Meta Majors



“Need to speak to students on their terms.
Be visible.”--RC Student



INDUSTRIAL & MANUFACTURING

- Aviation
- Machine Tool Technology
- Machinist
- Mechanic
- Welding

STEM

- Biology
- Chemistry
- Computer Science
- Dental Assisting
- Engineering
- Kinesiology
- Nursing
- Mathematics
- Physical Education
- Physics

CHILD DEVELOPMENT & EDUCATION

- ESL
- Associate Teacher
- Child Development
- Human Services
- Liberal Studies
- Liberal Arts & Sciences

BUSINESS

- Accounting
- Business Administration
- General Business
- Management
- Office Technology
- Small Business Management
- Information Systems

AGRICULTURE & NATURAL RESOURCES

- Ag Business
- Ag Mechanics
- Animal Science
- Forestry/Natural Resources
- Plant & Soil Sciences
- Wildfire/Firefighting

ART, MUSIC, & ENGLISH

- Art
- Art History
- Fine Arts
- Graphic Design
- Music
- English

SOCIAL SCIENCES

- Criminology
- Communication
- Economics
- History
- Political Science
- Sociology
- Languages
- Psychology
- Philosophy



PATHWAYS TO SUCCESS

Collecting and Sharing: Faculty and Staff Voices Temperature Gauge

- Based on Rob Johnstone's Demystifying Articles
- Mythbusting
- Identifying main concerns
- Facilitator Training
- Lead to Days of Dialog



Collecting and Sharing Student Voice

- 2016 SENSE: Survey of Entering Student Engagement
- 2017-2018 Equity Focus Groups
- The RP Group Report
- Student Voice Feedback Shared at Student Services Leadership Retreat



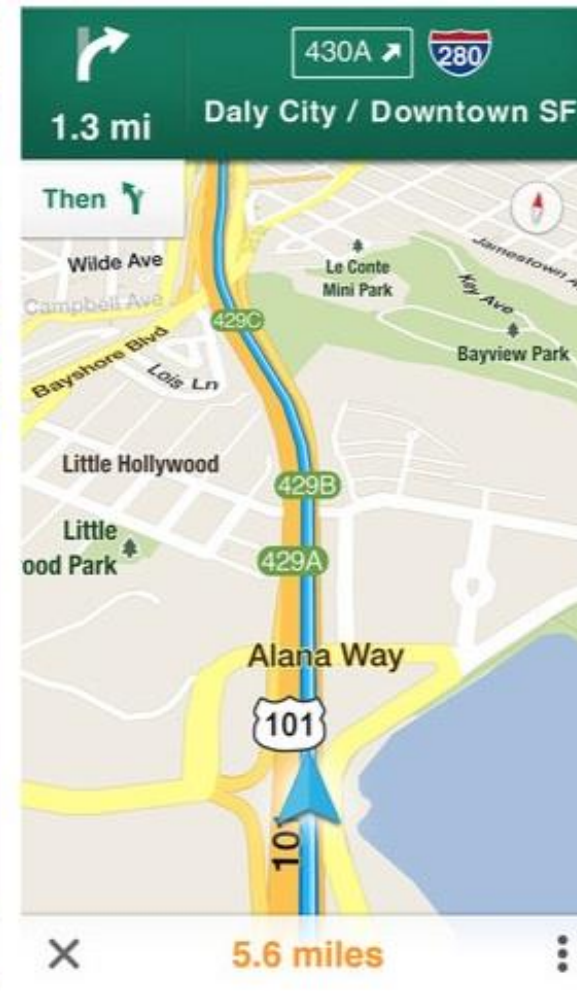
**“Yes! Interventions and services - this could have prevented me from going on probation.”--
RC Student**

Mapping

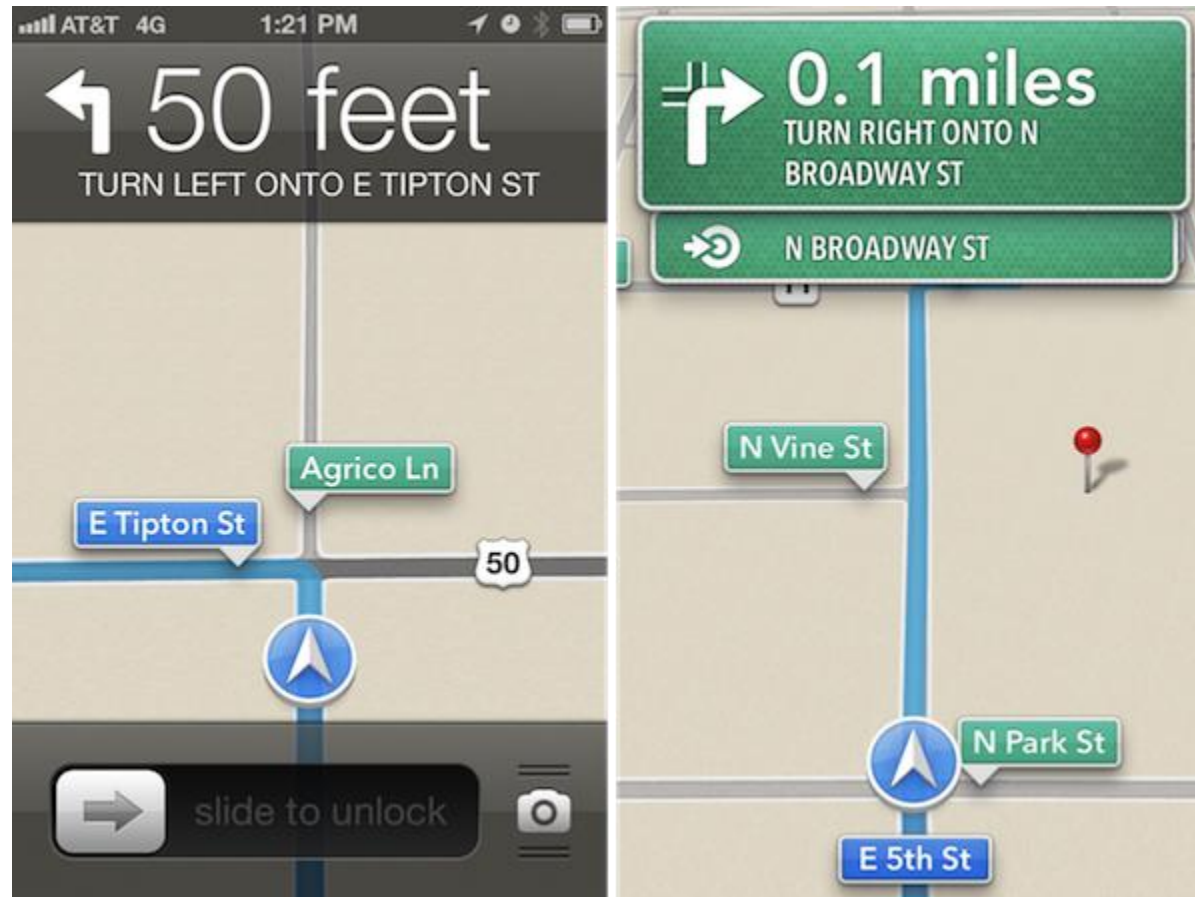


Going Somewhere Unfamiliar?

- MAP IT!



Turn by Turn Directions



Alerts, Traffic, Time to Destination



Major Sheets– What we have now



BIOLOGICAL SCIENCE 2017-2018

Name: _____

ID: _____

Date: _____

Complete the following program of study:

Associate in Science Degree (R.6100.AS) Major requirements (18 units minimum) A grade of "C" or better is required in the following courses:		C-ID	units	completed	in progress	planned
Complete a minimum of 18 units from the following:						
Complete a minimum of eight units from the following: (units in parenthesis)						
BIOL 1 – Principles of Biology (4)	BIOL 190 BIOL 140 BIOL 110B BIOL 120B	8+				
BIOL 2 – Environmental Science (4)						
BIOL 5 – Human Biology (4)						
BIOL 10 – Introduction to Life Science (3)						
BIOL 10L – Introduction to Life Science Lab (1)						
BIOL 11A – Biology for Science Majors I (5)						
BIOL 11B – Biology for Science Majors II (5)						
BIOL 20 – Human Anatomy (4)						
BIOL 22 – Human Physiology (5)	CHEM 110 or **CHEM 120S **CHEM 120S CHEM 101	3+				
BIOL 31 – Microbiology (5)						
Complete a minimum of three units from the following: (units in parenthesis)						
CHEM 1A – General Chemistry (5)						
CHEM 1B – General Chemistry and Qualitative Analysis (5)						
CHEM 3A – Introductory General Chemistry (4)						
CHEM 3B – Introductory Organic and Biological Chemistry (3)						
PHYS 2A – General Physics I (4)						
PHYS 2B – General Physics II (4)	PHYS 105 PHYS 110 PHYS 205 PHYS 210 PHYS 215					
PHYS 4A – Physics for Scientists and Engineers (4)						
PHYS 4B – Physics for Scientists and Engineers (4)						
PHYS 4C – Physics for Scientists and Engineers (4)						



ADMINISTRATION OF JUSTICE 2017-2018

Name: _____

ID: _____

Date: _____

Complete the following program of study:

Associate Degree for Transfer SM (R.8880.AS-T) Major requirements (18-19 units minimum) A grade of "C" or better is required in the following courses:		C-ID	units	completed	in progress	planned
CRIM 1 – Introduction to Criminology		AJ 110	3			
CRIM 6 – Criminal Law		AJ 120	3			
LIST B - Select 2 courses from:						
CRIM 3 – Legal Aspects of Evidence		AJ 124	6			
CRIM 4 – Principles & Procedures of the Justice System		AJ 122				
CRIM 5 – Community Relations		AJ 140				
CRIM 8 – Criminal Investigations		AJ 220				
CRIM 11 – Juvenile Delinquency						
CRIM 20 – Introduction to Corrections						
LIST C - Select 2 courses from:						
PSY 2 – General Psychology		PSY 110	6-7			
or PSY 2H – Honors General Psychology		PSY 110				
SOC 1A – Introduction to Sociology		SOCI 110				
STAT 7 – Elementary Statistics		MATH 110				
or MATH 11 – Elementary Statistics		MATH 110				

Notes: * Pending review and approval by C-ID.

CURRENT GENERAL EDUCATION



Date: _____

Catalog year: _____

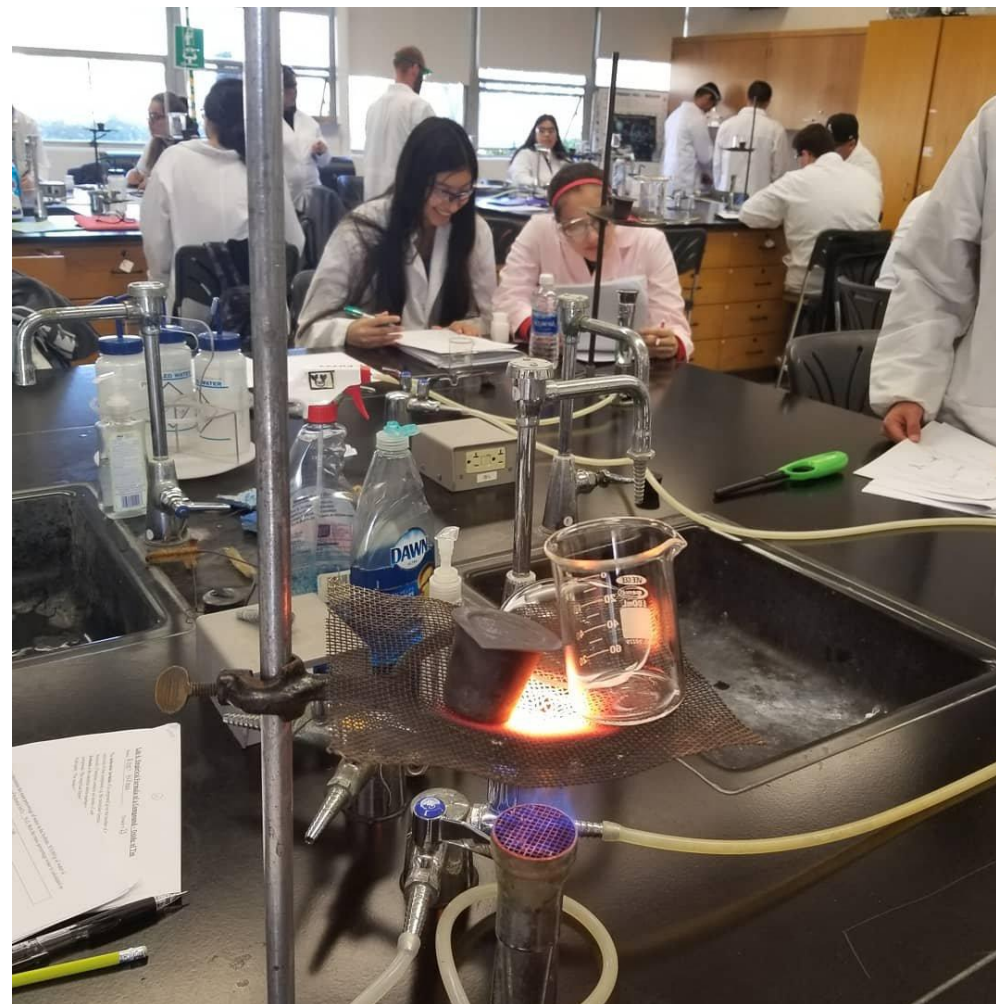
Name: _____

ID: _____

Major: _____

Counselor: _____

CSU GENERAL EDUCATION 2017-2018	Completed	In Progress	Planned
AREA A: English Language Communication and Critical Thinking 9 semester units minimum required with at least one course each from A1, A2, and A3. ("C" or better grade required in A1, A2 and A3)			
A1: Oral Communication (3 units minimum): COMM 1, 1H, 2, 4, 8, *25			
A2: Written Communication (3 units minimum): ENGL 1A, 1AH			
A3: Critical Thinking (3 units minimum): COMM *25, ENGL 2, 2H, 3, 3H, PHIL 2, 4, 6			
AREA B: Scientific Inquiry and Quantitative Reasoning 9 semester units minimum with at least one course each from B1 and B2 (one course from B1 or B2 to contain a laboratory component, marked by L), and at least one course from B4. ("C" or better grade required in B4)			
B1: Physical Science (3 units minimum): ASTRO 10(L), 20(L), CHEM 1A(L), 1B(L), 3A(L), 3B(L), 8, 10(L), 28A, 28B, GEOG 5, 9, GEOL 1(L), 2, 9(L), 10, PHYS 2A(L), 2B(L), 4A(L), 4B(L), 4C(L), PLS 2, SCI 1A(L)			
B2: Life Science (3 units minimum): BIOL 1(L), 2(L), 5(L), 10, 11A(L), 11B(L), 20(L), 22(L), 31(L), NR 7, PLS 1			
B3: Laboratory Activity: Complete a course from B1 or B2 with a lab (marked with L) OR one of the following: BIOL *10(L), CHEM 9(L), 29A(L), 29B(L), PLS 1(L), 2(L)			
B4: Mathematics/Quantitative Reasoning (3 units minimum): BA 39, CSCI 26, MATH 4A, 4B, 5A, 5B, 6, 10A, 10B, 11, 17, 45, PLS 9, STAT 7			
AREA C: Arts and Humanities 9 semester units minimum with at least one course each from C1 and C2, and an additional course from C1 or C2.			
C1: Arts (3 units minimum): ART 2, 5, 6, 6H, 10, COMM 12, FILM 1, *2A, *2B, MUS 12, 16, PHOTO 1			
C2: Humanities (3 units minimum): ASL 1, 2, 3, 4, CHIN 1, 2, ENGL 1B, 1BH, 43A, 43B, 44A, 44B, 46A, 46B, 47, 49, FILM *2A, *2B, FRENCH 1, 2, 3, 4, GERMAN 1, 2, 3, 4, HIST *1, *2, *11, *12, *12H, *20, *22, LING 10, PHIL 1, 1C, 1CH, 1D, SPAN 1, 2, 3, 3NS, 4, 4NS, 5, 15, 16			
C1 or C2 (3 units minimum): Complete an additional course from C1 or C2.			
AREA D: Social Sciences 9 semester units minimum selected from at least two disciplines. (See note below)			
D0-D9: (9 units minimum): AGBS 2, ANTHRO 1, 2, 3, CHDEV *38, *39, COMM 10, CRIM 13, ECON 1A, 1B, ETHNST 5, 32, GEOG 6, HIST *1, *2, *5, *11, *12, *12H, *20, *22, 32, HS 20, JOURN 1, POLSCI 2, 2H, 3, 5, 24, PSY *2, *2H, 5, 16, *38, 45, SOC *1A, 1B, 2			
AREA E: Lifelong Learning and Self-Development 3 semester units minimum.			
E: CHDEV *38, *39, COUN 53, FN 35, HLTH 1, PSY *2, *2H, 25, *38, SOC *1A, 32			



GP@RC MAPPING DESIGN PRINCIPLES

- be visually appealing, straightforward and easy to navigate
- be simple and confined to one page (supplemental pages can be given to the students later for more context/information)
- allow students to can keep track of major milestones and their progress in their major
- identify support programs and services
- provide students with points of contact (Instructor/ Counselor)
- include brief information on career and transfer opportunities
- include a course from the major in the first year (preferably the first semester)
- include appropriate English and math course in the first year
- provide Advising/Action Notes for each semester
- Identify potential stackable certificates in each program
- semester loads should be balanced as much as possible
- leave options in GE pattern to encourage guided exploration

Focusing on Holistic Student Support Grounded in Equity

- **MAPPING WORKSHOPS**
- 2 Hours Cross Functional Conversations on Programs including Instructors, Deans, Counselors, Support Faculty and Staff
- Focus on most efficient path for students to complete program including GE where applicable
- Review potential support services and activities to support student success and engagement
- Identify potential roadblocks or bottlenecks for students
- Give students the information they need to make informed choices
- Reviewing Achievement Data and Number and Types of Degrees and Certificates and Stackability



Mapping Outcomes

- 95% said they were satisfied with the Mapping Sessions
- 97% said they had a better understanding of the role of Counseling
- 100% said they had a better understanding of their program
- 100% said they thought the maps would be helpful to students





Student Pathway 2019-2020



FORESTRY

- Associate of Science (AS) in Forestry
- Certificate of Achievement in Forestry and Natural Resources Training
- Certificate of Achievement in Forest Surveying Technology

This Reedley College Associate of Science in Forestry offers students a unique opportunity to become a qualified Forestry Technician. This is the only California, 2-year college accredited by the Society of American Foresters. Graduates are typically recruited as utility foresters and timber management technicians for federal, state and private natural resources companies and agencies. Classes include academic and extensive hands-on training within the 700-acre Reedley College forest, and a 1.5 mile riparian zone on campus along the Kings River. The program includes paid or volunteer work experience during which students study on the job, usually as employees of the U.S. Forest Service, CALFIRE or other agency and private resource entities.

Program Contact: Joshua Soderlund • Program Counselor: ?

SEMESTER 1

COURSE NUMBER	COURSE TITLE	UNITS	ADVISING/ACTION NOTES (including elective suggestions, support services, embedded certificates etc.)
NR 1	Introduction to Forestry	3	
NR 8	Natural Resources Career Preparation	1	Career Prep (Applications open in September)
NR 4	Forest Ecosystems	3	
NR 22	Forest Protection	2	
NR 108	Introduction to Forestry Field Studies	.5	
NR 109	Forestry Field Studies I	.5	
MATH 45 or MATH 11	Contemporary Mathematics of Elementary Statistics	3-4	Recommend Math 11 if planning to transfer, visit the Math Center
PE or NR 31	PE or Animal Packing	1-2	
	TOTAL UNITS	14-16	Visit the Career and Tutorial Centers

SEMESTER 2

COURSE NUMBER	COURSE TITLE	UNITS	ADVISING/ACTION NOTES (including elective suggestions, support services, embedded certificates etc.)
NR 3	Computers in Natural Resources	1	
NR 6	Dendrology	3	Career Prep (Applications open in September)
NR 18	Aerial Photo Interpretation and GIS	3	
GE REQ	Physical Education	1	
NR 35	Interpretation of Natural Resources	3	
NR 110	Forestry Field Studies II	.5	
ENGL 1A	Reading and Composition	4	Visit the Reading and Writing Center
	TOTAL UNITS	15.5	If take NR 31 Apply for Forestry and Certificate in Forestry and Natural Resources Training Certificate Meet with your counselor to finalize your Student Education Plan (SEP)

SUMMER

COURSE NUMBER	COURSE TITLE	UNITS	ADVISING/ACTION NOTES (including elective suggestions, support services, embedded certificates etc.)
NR 19V	Cooperative Work Experience, Forestry	2	
	TOTAL UNITS	2	

SEMESTER 3 (2nd 9 WEEK SCHEDULE)

COURSE NUMBER	COURSE TITLE	UNITS	ADVISING/ACTION NOTES (including elective suggestions, support services, embedded certificates etc.)
NR 20	Forest Measurements	3	
NR 115	Advanced Field Studies	.5	
ELECTIVE	Natural Resources	3	Choose any approved NR Elective
COMM 1	Public Speaking	3	
PSY 2	General Psychology	3	
	TOTAL UNITS	12.5	Apply to 4 year institution if planning to transfer

SEMESTER 4

COURSE NUMBER	COURSE TITLE	UNITS	ADVISING/ACTION NOTES (including elective suggestions, support services, embedded certificates etc.)
NR 17	Introduction to Forest Surveying	3	
NR 11	Silviculture	3	
NR 25	Forest and Resource Management	3	
NR 21	Forest Products	1	
POLSCI 2	American Government	3	
GE REQ	Humanities/Arts	3	
	TOTAL UNITS	16	Apply for Graduation with AS and Certificates

CAREER OPPORTUNITIES

Graduates with this degree may pursue a variety of jobs including: Forestry Technician, Forest Service, Park Service, Fuels Manager, Utility Forestry, Cal Fire, GIS Technician, Timber Technician, Nursery Technician

Popular Transfer Programs:
CSUs Humboldt, Cal Poly, University of Idaho, UC Berkeley,
Oregon State University, University of Washington,
Northern Arizona University



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Student Pathway 2019-2020



ART 3D

- Associate of Arts in Art (Three Dimensional)
- Certificate of Achievement in CSU GE Breadth

Upon successful completion of this program students will have an introductory level knowledge of art history and be able to apply skills in 3D composition and ceramics. Students will have preparation for transfer into four-year art programs.

If you are planning to transfer to a UC or outside the CSU System you may need to complete additional requirements

Program Contact: David Hicks • Program Counselor:

SEMESTER 1

COURSE NUMBER	COURSE TITLE	UNITS	ADVISING/ACTION NOTES (including elective suggestions, support services, embedded certificates etc.)
ART 7	Beginning Drawing	3	
ART 10	Beginning Ceramics	3	
MATH 45	Contemporary Math	3	If planning to transfer to UC consult with Counselor. Visit the Math Center
COMM 1	Public Speaking	3	
CDUN 53	College and Life Management	3	
	TOTAL UNITS	15	Visit the Career and Tutorial Centers

SEMESTER 2

COURSE NUMBER	COURSE TITLE	UNITS	ADVISING/ACTION NOTES (including elective suggestions, support services, embedded certificates etc.)
ART 36A	Intermediate Wheel Throwing	3	
ART 4	Three Dimensional Design	3	
ENGL 1A/1AH	Reading and Composition	4	Visit the Reading and Writing Center
HIST 11 or 12	History of the United States	3	
DEG REQ		3	Choose from Art 2, 5, 6/8H, FILM 1 or PHOTO 1
	TOTAL UNITS	16	Meet with your Counselor to finalize your Student Education Plan (SEP)

SEMESTER 3

COURSE NUMBER	COURSE TITLE	UNITS	ADVISING/ACTION NOTES (including elective suggestions, support services, embedded certificates etc.)
ART 15	Ceramic Sculpture	3	
DEGREE REQ		3	Choose from Art 2, 5, 6H, FILM 1 or PHOTO 1
GE REQ	Critical Thinking	3	
GEOL 1	Physical Geology	4	Recommended Physical Science for GE
PSY 2 or 25	General Psychology or Human Sexuality	3	
	TOTAL UNITS	16	Apply for four year Degree

SEMESTER 4

COURSE NUMBER	COURSE TITLE	UNITS	ADVISING/ACTION NOTES (including elective suggestions, support services, embedded certificates etc.)
ELECTIVE		1	Discuss with your counselor/advisor options for General Education and Electives
BIO 10	Introduction to Life Sciences	3	Recommended Bio Science
GE REQ	Humanities	3	
POLI SCI 2	American Government	3	
ELECTIVE		3	Recommend Art 39A
	TOTAL UNITS	13	Apply for Graduation with your Degree

CAREER OPPORTUNITIES

Students who attain this degree may work in fields such as :
 Archive/Curation, Artist, Graphic Design, Interior Design,
 Illustration/Animation, Web Design, Marketing/Advertising, Education,

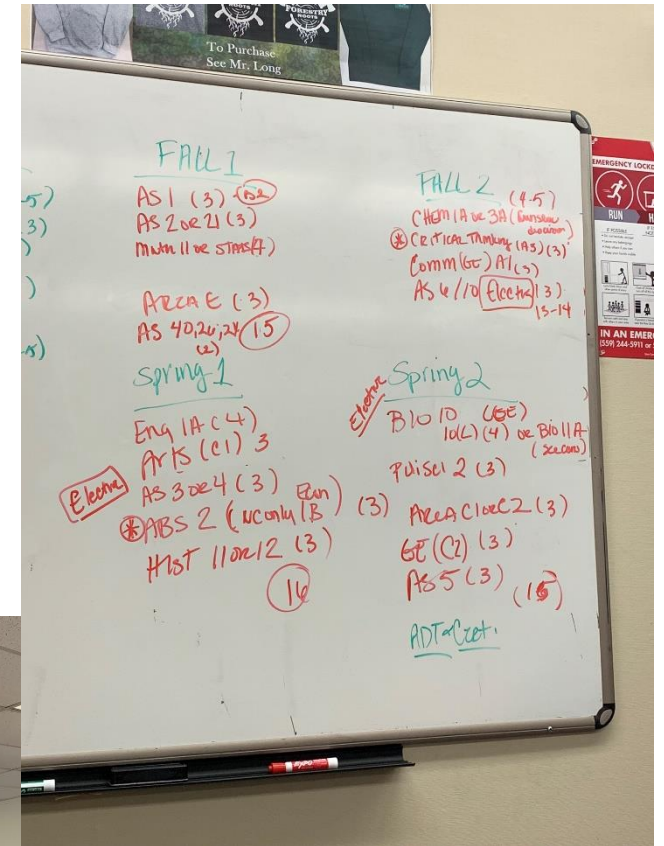
Popular Transfer Programs:
 CSU Fresno, Long Beach (BFA), San Jose, (BFA),
 Chico (BFA), UC Davis, Irvine



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What They Said--COLLABORATION

- “The collaboration between discipline faculty and counselors was much needed and helped to clarify the importance of scheduling certain courses in particular semesters. Overall, I think we are moving in the direction GP suggests: collaborative efforts across campus personnel (success teams) to promote student success.”
- “One of the highlights of the mapping process is the collaboration and the different perspectives of all staff members, working together to develop plan that focus on student success”
- “The collaboration between faculty and counseling. I think both learn quite a bit from one another. I hope this collaboration continues”



Beyond Meta Majors and Mapping

- Working on improving K-12 Alignment
- Aligning Pathways to Local Careers
- Re-evaluating Student Onboarding Process
- Expanding Early Alert
- Researching and Training Data Coaches
- Redesigning Student Services (case management model aligned to Pathways)
- Identifying Just-in-Time Interventions for students
- Creating Student Success Teams
- Intentionally Addressing Equity Gaps

Questions?

