

NISTS 2023

BE A CONNECTOR FOR TRANSFER STUDENT SUCCESS

Virtual • February 1-3 | Portland, OR • February 22-24

The following presentation was given at the 21st Annual Conference for the National Institute for the Study of Transfer Students. Please cite responsibly and direct questions to the original presenter(s).

Educational Session

2847 - Planning Transfer Student Success: CSU Bakersfield's Program Pathways Mapper (PPM)

Credits and Degree Pathways, Partnerships and Collaboration

Streamlining and publicizing pathways to degree completion for transfer students is critical in decreasing time to degree and preparing qualified candidates for California's workforce needs. CSU Bakersfield's Program Pathways Mapper (PPM) is one tool aimed to reduce excess unit accumulation, shorten time to degree completion, and eliminate equity gaps. Representatives from the campus will present current data on transfer success and discuss implementation of the PPM tool.

Kris Grappendorf, *Lecturer/Faculty Fellow Enrollment Management*

Debra Jackson, *Associate Vice President for Academic Affairs & Dean of Academic Programs*

Natasha Harris, *Senior Admissions Officer & Transfer Center Student Success Coordinator*

Monica Malhotra, *Associate Vice President, Institutional Research, Planning and Assessment*

California State University, Bakersfield

Planning Transfer Student Success: CSU Bakersfield's Program Pathways Mapper (PPM)

NISTS Virtual Conference 2023: "Be a Connector for Transfer Student Success"
February 1, 2023

Kris Grappendorf
Natasha Harris
Monica Malhotra
Debra Jackson



CALIFORNIA STATE UNIVERSITY
BAKERSFIELD



Session Overview



Challenges in Serving Transfer Students



The Benefits of Program Pathways Mapper (PPM)



Implementing Program Pathways Mapper (PPM)



Outcomes from Using Program Pathways Mapper (PPM)



Remaining Challenges



Next steps



Q&A





Associate Degree for TransferSM

Senate Bill 1440 mandates each CSU to provide priority admission to California Community College students who have earned an AA-T or AS-T degree

This program guarantees that students who earn an AA-T or AS-T degree from a California Community College will be admitted to a CSU campus, but NOT to the campus of their choice.

Once admitted at a CSU campus in an approved program, students can complete a Bachelor's Degree at a CSU campus with 60-semester units or 90 quarter units of coursework.

INITIAL CONCERNS

A high number of excess transfer units

Course articulation challenges

- Courses rejected within degrees
- CSUB lower division courses were rewritten as upper division (therefore not similar)
- Judgment rendered by CSUB on local coursework
- Students given the wrong information about the courses needed

ADT validation challenges

- Grad submission too late – October not April
- Students not getting all required coursework completed BEFORE spring

Disconnect and miscommunication between institutions

Lack of data sharing between institutions

Low degree attainment in Kern County

WHAT IS FINISH IN 4?

STRENGTH-BASED

The FINISHIN4 initiative is a joint effort between Bakersfield College and CSU Bakersfield to encourage students in Kern County to complete the transfer and baccalaureate degree in 4 years from start to finish. The goal of this initiative is to eliminate barriers and ease the transition for students as they pass from one education institution to the next.



Transfer Agreements



ADMINISTRATION OF JUSTICE Finish In 4 Pathway

The Finish in 4 Pathway provides a roadmap for completing this academic program and general education at Bakersfield College and California State University, Bakersfield in 4 years. Students should use this plan in conjunction with other academic planning resources.

- * Your educational plan may vary depending on course level placement and/or waivers.
- * Students should use this plan in conjunction with other academic planning resources.
- * Completion is based upon students completing 30 units a year and may include summer.
- * This is a suggested sequence; students may change course timing to accommodate open classes and personal schedules. Clarify

NOTE: This guide is designed for those students wishing to transfer to CSUB. In addition to following this roadmap, all other admissions and academic requirements of this major and general education as listed in the BC and CSUB campus catalog must be adhered to.

GE = General Education (CSU GE Breadth); Major = Program of Study

Complete at Bakersfield College						
Year	Fall Schedule			Spring Schedule		
	Course	Major GE	Units	Course	Major GE	Units
1	ENGL B1A	A2	3	Critical Thinking course	A3	3-4
	Oral Communication course	A1	3	PSYC B5 (CSUB Rec.)	List B B4	4
	CRIM B1	D	3	Arts course	C1	3
	CRIM B2	Core	3	CRIM B3, B4, B5, B8, B9, B12, or B21	List A	3
	PSYC B1A or SOCI B1 (CSUB Rec.)	List B D	3	HIST B17A, B17B, B20A, B20B, B30A, B30B, or B36B	D/AI	3
			15			16-17

Year	Fall Schedule			Spring Schedule		
	Course	Major GE	Units	Course	Major GE	Units
2	CRIM B3, B4, B5, B8, B9, B12, or B21	List A	3	Physical Sciences course w/out Lab	B1	3
	Life Sciences course w/Lab	B2/B3	3-5	Arts or Humanities course	C1 or C2	3-4
	POLS B1	D/AI	3	CSU Transferable course		3
	Humanities course	C2	3	CSU Transferable course		3
	Lifelong Learning course	E	3	CSU Transferable course (Depending on completed units)		2
			15-17			14-15

Note: 60 transferable units are required to complete this degree.

8/22/2018



CRIMINAL JUSTICE Finish In 4 Pathway

A Finish in 4 Pathway provides a roadmap for completing this academic program and general education at Bakersfield College and California State University, Bakersfield in 4 years. In order to be considered for admission to CSUB, students must meet the following requirements:

- * Complete the Associate Degree for Transfer requirements as outlined in the BC catalog.
- * Apply for admission to California State University, Bakersfield during the priority filing period and adhere to all admissions deadline dates.

NOTE: This guide is designed for those students transferring from Bakersfield College. In addition to following this roadmap, all other admissions and academic requirements of this major and general education as listed in the BC and CSUB campus catalog must be adhered to.

* This roadmap is based off of the CSUB 2018-2020 catalog requirements and is subject to change.

Category: M = Major Requirements; GE = General Education; E = Elective or Minor Course;

Complete at CSU Bakersfield						
Year	Fall Schedule			Spring Schedule		
	Course	Category	Units	Course	Category	Units
3	CRJU 2100 Quantitative Analysis in Criminal Justice	M	3	CRJU 3260 Advanced Topics in Courts	M	3
	CRJU 3150 Research Methods in Criminal Justice	M	3	CRJU 3270 Advanced Topics in Corrections	M	3
	CRJU 3170 Theoretical Perspectives in Criminal Justice	M	3	CRJU 3318, 3320, 3660 or 4300	M	3
	CRJU 3250 Advanced Topics in Policing	M	3	Upper Division General Education	GE:UDB	3
	Junior Year Diversity Reflection	GE:JYDR	3	Graduation Writing Assessment Requirement	GE:GWAR	3
			15			15

Year	Fall Schedule			Spring Schedule		
	Course	Category	Units	Course	Category	Units
4	CRJU 4110 Advanced Criminal Law	M	3	CRJU 4900 Senior Seminar	M	3
	CRJU 3318, 3320, 3660 or 4300	M	3	CRJU 3200, 4400, 4500 or 4860	M	3
	CRJU 3448, 3450, 3460 or 4340	M	3	CRJU 3448, 3450, 3460 or 4340	M	3
	Upper Division General Education	GE:UDC	3	Additional 3 unit course	E	3
	Additional 3 unit course	E	3	Additional 3 unit course	E	3
			15			15

Note: 120 semester units required to complete the Bachelors degree

8/22/2018

Digitizing and Publicizing PPM

- 2018-20: Grant funded CSUB/BC partnership to develop PPM
- 2020-21: Built first map (Kinesiology)
- 2021-22: Built additional maps, linked and made public
- 2022-23: Partnering with PC, Cerro Coso, AVC, Taft



PROGRAM PATHWAYS MAPPER

The Program Pathways Mapper (PPM) is a tool used to clarify the pathways to graduation for native CSUB students and transfers.

At-a-glance the Program Map displays general education, major and elective courses needed to graduate with a bachelor's degree.

<https://programmap.csub.edu/academics>



Learning and Career Pathways

Learning and career pathways are groups of careers that share common themes or require similar skills.



Arts and Humanities

The academic programs within A&H provide students with broad artistic and humanistic knowledge as well as skills (such as critical thinking, argumentation, and writing) that are useful for a variety of professions.

[EXPLORE →](#)



Business and Public Administration

We offer a wide range of programs to meet the needs of Bakersfield, Kern County, and the Antelope Valley's future leaders in business, public administration, and non-profit management.

[EXPLORE →](#)



Natural Sciences, Mathematics, and Engineering

With millions of dollars in federal grants and scholarships, state-of-the-art facilities, outstanding faculty, and brand-new degree programs, NSME truly is on the cutting edge of science and technology education to empower the Kern County economy.

[EXPLORE →](#)



Social Sciences and Education

SSE provides students an outstanding education and the foundation for future success in a wide range of careers. Our graduates go on to challenging and personally rewarding careers as teachers, police officers, social workers, psychologists, counselors, therapists, researchers, and community and business leaders.

[EXPLORE →](#)



All University Programs

The Interdisciplinary Studies Programs at CSUB allow students to examine concepts, issues, and perspectives that cross traditional boundaries of study, and to combine elements of distinct disciplines in a unique way.

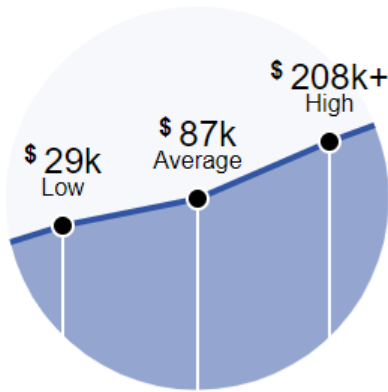
[EXPLORE →](#)

Students, faculty, and advisors can browse Program Maps by School, or search by keyword.

Salary, Growth and Careers

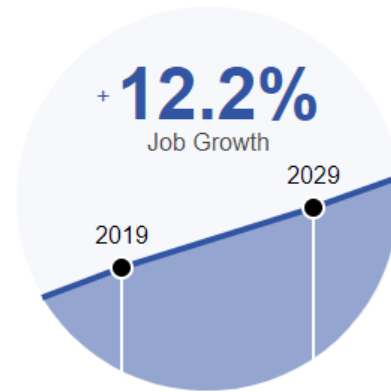
Salary

Careers associated with this program have a salary range from \$29,000 to over \$208,000 with an average salary of \$87,000.



Growth

Career opportunities for this program are expected to grow nationwide from 2019 to 2029.

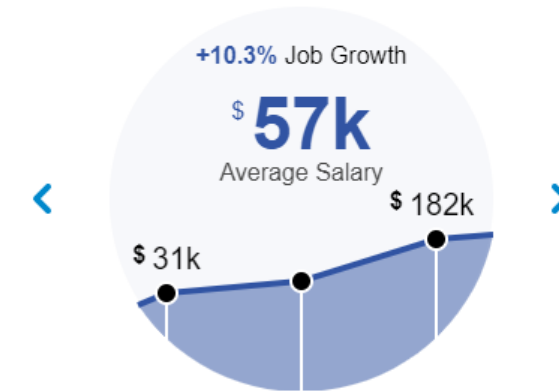


Careers

Broadcast Announcers and Radio Disc Jockeys



Education Level
Bachelor's degree



Education levels are meant to represent what is typical for entry into the career, based on data from the U.S. Bureau of Labor Statistics.

Each listing includes career information with current salary and growth statistics to assist students in finding the right degree program to meet their needs.

Communications - Journalism

Bachelor of Arts

120.0 Units

■ Major Course ■ General Education Course ■ Elective Course ■ Milestone | 📍 Offers Microcredential

Fall 2022 1st Term	GST 2770 - Special Topics - Majors That Matter 1.0 Units Choose a course MAJ	GE FYS: First Year Seminar 2.0 Units GE FYS: First Year Seminar GEN	GE A2: Written Communication 3.0 Units GE A2: Written Communication GEN	GE B4: Quantitative Reasoning 3.0 Units GE B4: Quantitative Reasoning GEN
15.0 UNITS	GE C2: Humanities 3.0 Units GE C2: Humanities GEN	GE D: Social and Behavioral Sciences 3.0 Units GE D: Social and Behavioral Sciences GEN		
Spring 2023 2nd Term	COMM 1008 3.0 Units Strategies of Public Communication MAJ	GE A3: Critical Thinking 3.0 Units GE A3: Critical Thinking GEN	GE C1: Arts 3.0 Units GE C1: Arts GEN	GE B2: Life Science 3.0 Units GE B2: Life Science GEN
15.0 UNITS	GE AIAH: American Institutions - US History 3.0 Units GE AIAH: American Institutions - US History GEN			
Fall 2023 3rd Term	COMM 2020 3.0 Units Introduction to Communication Studies MAJ	COMM 2110 3.0 Units Issues and Practices in Journalism MAJ	GE F: Ethnic Studies 3.0 Units GE F: Ethnic Studies GEN	GE SELF: Student Enrichment & Lifelong Fulfillment 3.0 Units GE SELF: Student Enrichment & Lifelong Fulfillment GEN

Each map provides a detailed, semester by semester course plan from start to finish.

Journalism

Associate in Arts for Transfer at Bakersfield College with transfer to CSU Bakersfield

60.0 Units

■ Major Course ■ General Education Course ■ Elective Course ■ Milestone | Ⓜ Offers Microcredential

Term	Course	Units	Category
1st Term 2022	JRNL B1 Media and Society	3.0	MAJ
	JRNL B2 Beginning Reporting	3.0	MAJ
1st Term 2022	Written Communication	3.0	GEN
	Oral Communication	3.0	GEN
1st Term 2022	Arts	3.0	GEN
		15.0 UNITS	
2nd Term 2023	JRNL B15 or 16	3.0	MAJ
	Critical Thinking	3.0	GEN
2nd Term 2023	Arts, Literature, Philosophy, and Foreign Language	3.0	GEN
	Lifelong Learning and Self-Development	3.0	GEN
2nd Term 2023	Mathematics/Quantitative Reasoning	3.0	GEN
		15.0 UNITS	
3rd Term 2023	Journalism List B	6.0	MAJ
	JRNL B25 Newspaper/Online Production I	3.0	MAJ
3rd Term 2023	Physical Science with Lab (CSU GE)	4.0	GEN
	Social Sciences	3.0	GEN
3rd Term 2023		16.0 UNITS	
	4th Term 2024	Life Sciences without Lab	GEN
4th Term 2024	Humanities	GEN	
	Area F	GEN	
4th Term 2024	CSU Transferable Elective	ELEC	

For degree programs with ADT agreements, the map presents the course plan from the Community College to CSUB.



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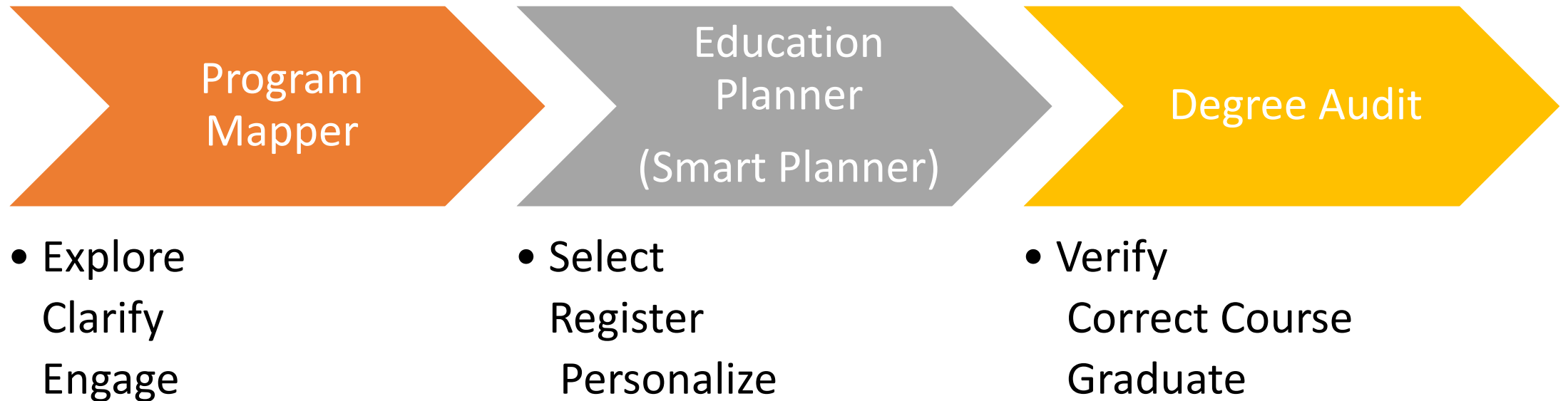
What careers are associated with my major?

How can I complete my degree in a timely manner?

Academic Operations/Enrollment Systems

- **Partnership between software developer (Consentric Sky/Instructure)**
 - Onboarding (2 months)
 - Build maps (4-6 months from start)
 - 1st year most time consuming
 - Rollover/edit subsequent years
 - Developing the process to align with campus curricular review cycle
 - Identifying and training staff to complete the work
 - Connect faculty to build maps
 - Manage software

Campus Integration of Systems



Data Cleanup Tool

CSU Bakersfield [Logout](#)

Legend
✔ Clean ready to be used in PPM
⚠ Warning there may be a problem (still usable in PPM)
✖ Error critical problems (can't be used in PPM)

Curriculum Year 2022-2023 (revision 20) [Change Year](#) [Notes +](#)

Programs:	101	3
Courses:	2371	2
General Education Patterns:	1	1
Course Lists:	108	1

[Preview](#) Once you feel that your courses and programs are clean enough, you can preview the changes and then publish them to the Program Pathways Mapper Authoring Tools.

2022-2023 Curriculum Year

The 2022-2023 curriculum year spans from Summer of 2022 to Spring of 2023.

Programs

- ⚠ State Degrees Database programs have not been imported yet.
- ⚠ 2 programs are not usable in Program Pathways Mapper.
- ⚠ 101 programs are usable in Program Pathways Mapper, but have issues that should be reviewed.

[Clean >](#)

Courses

- ⚠ State Gen Ed Database courses have not been imported yet.
- ⚠ 2 courses are usable in Program Pathways Mapper, but have issues that should be reviewed.
- ✔ 2371 courses are clean and usable in Program Pathways Mapper.

[Clean >](#)

General Education Patterns

- ⚠ 1 general education patterns are usable in Program Pathways Mapper, but have issues that should be reviewed.
- ✔ 1 general education patterns are clean and usable in Program Pathways Mapper.

[Clean >](#)

Course Lists

- ⚠ 1 course lists are usable in Program Pathways Mapper, but have issues that should be reviewed.
- ✔ 108 course lists are clean and usable in Program Pathways Mapper.

[Clean >](#)



CSU Bakersfield

College

Academics

Maps

Publish

Notifications

College Details

Customize college specific content and settings and manage user access.

[General](#) [About](#) [Users](#)

Settings

CURRICULUM INFORMATION

Curriculum Version Required

2022-2023 revision 19

Online Catalog Link Required

<https://www.csu.edu/catalog>

General Advising Link Optional

<https://www.csu.edu/advising>

Registration Link for Classes Optional

<https://www.csu.edu/registrar/registration>

THEME

Logo Required



[Change Logo](#)

Map Settings

Creating a new map starts with Required

4 Years

Adding a year to a map adds Required

4 Terms

Term 1 default title

Fall

Term 2 default title

Spring

Term 3 default title

Fall

Term 4 default title

Spring

Display Term Years on Student Maps Required

Display years

Display previous catalog year selector to students Required

2 Part Process: Data and Authoring



- Data from Peoplesoft (Templates CSV file)
- Import to Authoring Tool: Build Maps

Building Maps

Edit Map


Kinesiology - Applied Exercise Science - Bachelor of Science

Map Builder [Preview](#)

 **Alert:** 3 issue(s) 

Settings

Linked Maps

Pathway	Required	Emphasis	Optional	Default Program Map	Map Status
from Bakersfield College 		Emphasis		<input type="checkbox"/> No	<input checked="" type="checkbox"/> Public

2022 - 2023

2022 Term 1 : Fall Year 3 [edit](#) | [add term before](#) | [add term after](#) | [remove term](#)

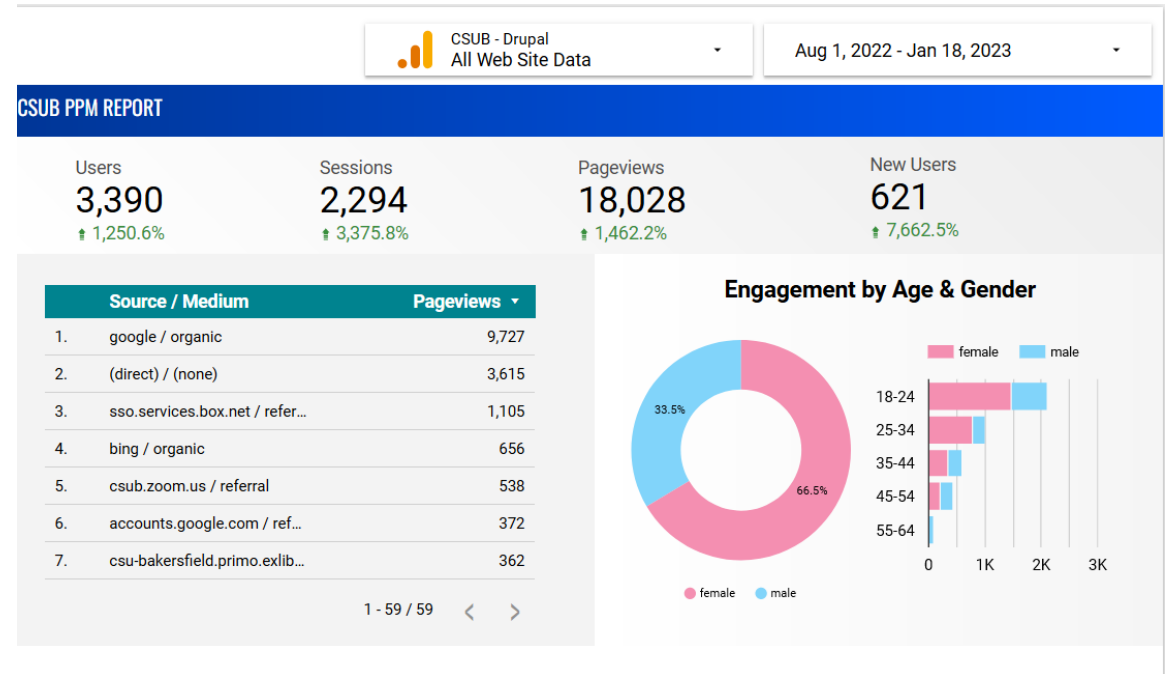
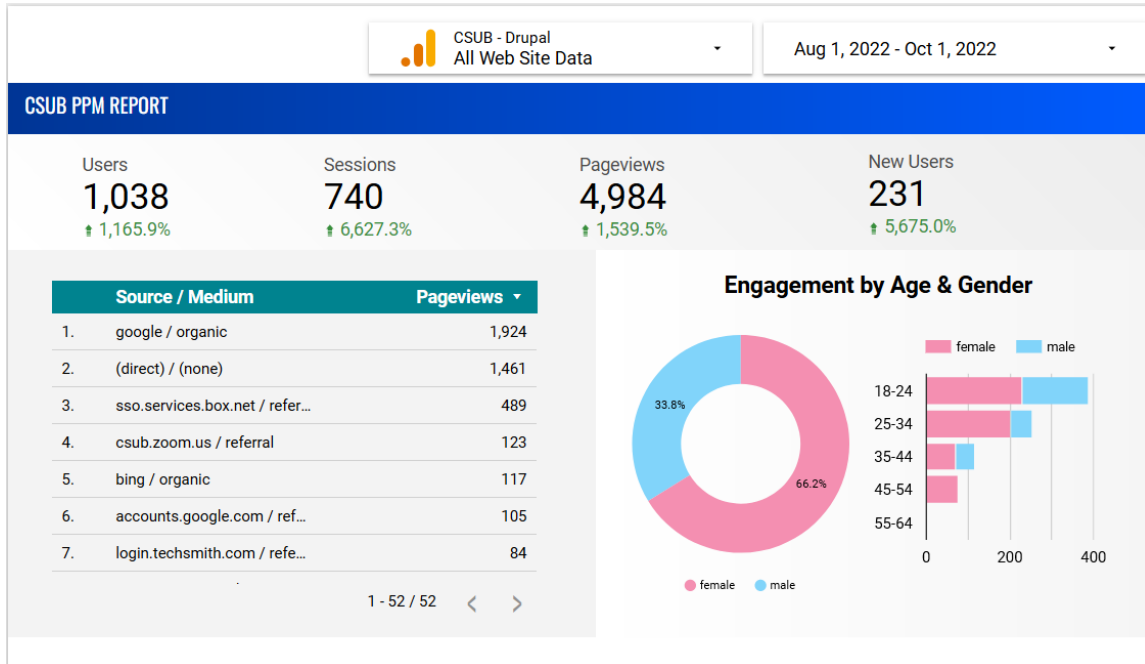
Total Units: 15

MAJOR COURSES

Add Course **Add Course List** **Create Custom Course List**

Order	ID	Title	Units	Fulfills Requirement	Actions
 1 	KINE 3010	Measurement and Evaluation in Kinesiology	3	Major 	Remove
 2 	CUSTOM	KINE Elective #1	3	Major 	Remove Edit
 3 	KINE 3020	Psychology of Sport and Physical Activity	3	Major 	Remove
 4 	KINE 3040	Physiology of Exercise	4	Major 	Remove

Google Analytics (www.csub.edu/ppm)



Challenges with Implementation

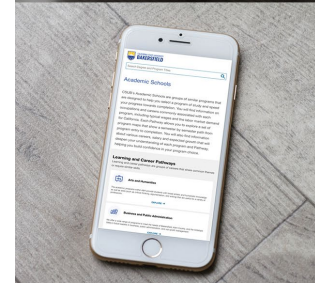
- Campus wide implementation: students, professional advisors, faculty
- Systematic communication for updates/edits
 - Service Now
- Work done once year (developing user manuals)
- Getting updates in a timely fashion from Department Chairs



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Attention

Students!



- ✓ Need help planning your courses for next semester?
- ✓ Want to speed your progress toward degree completion?

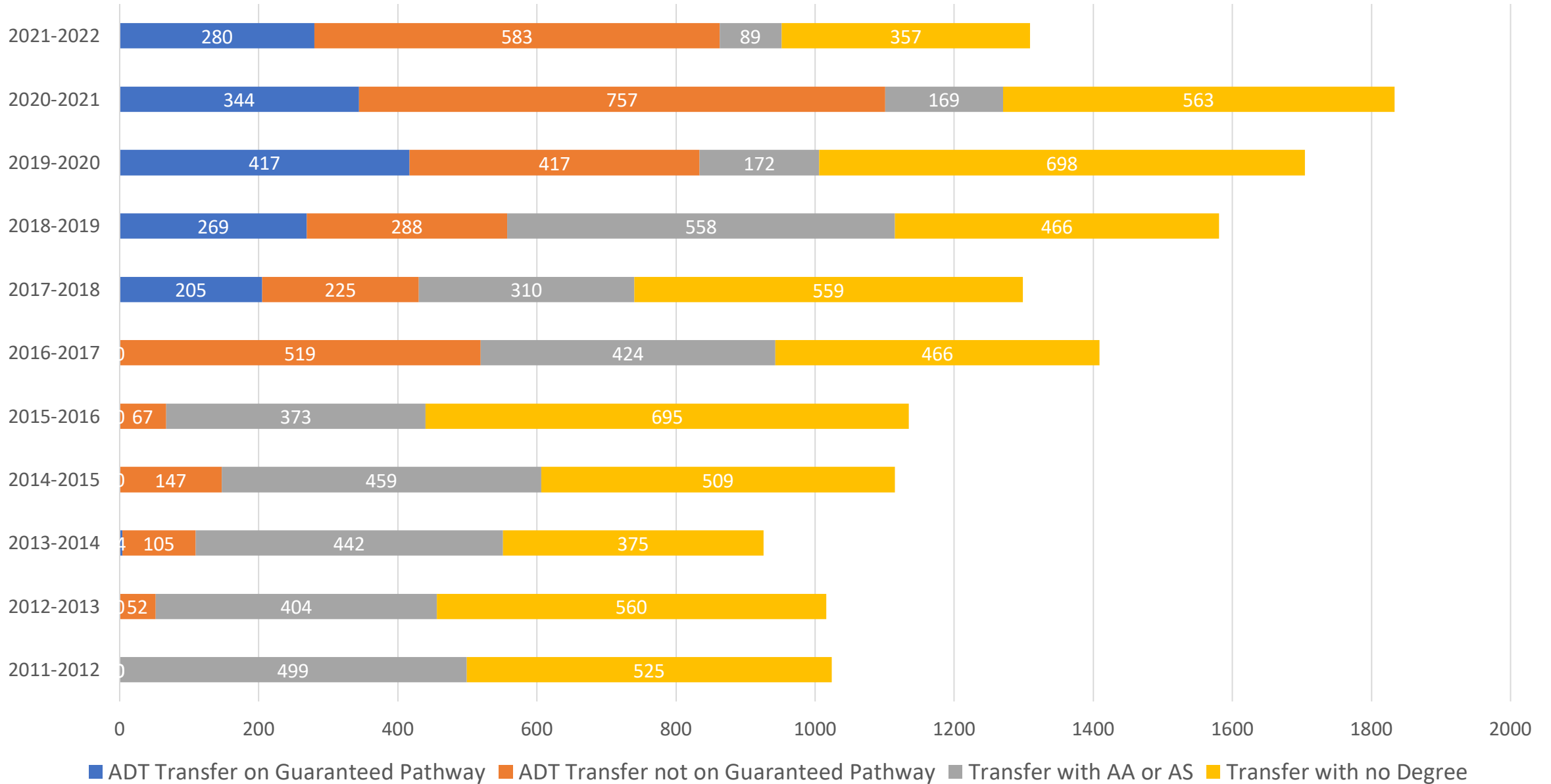
Check out the
Program Pathways Mapper (PPM)
and find your academic program roadmap!

PLEASE SCAN HERE FOR MORE INFORMATION

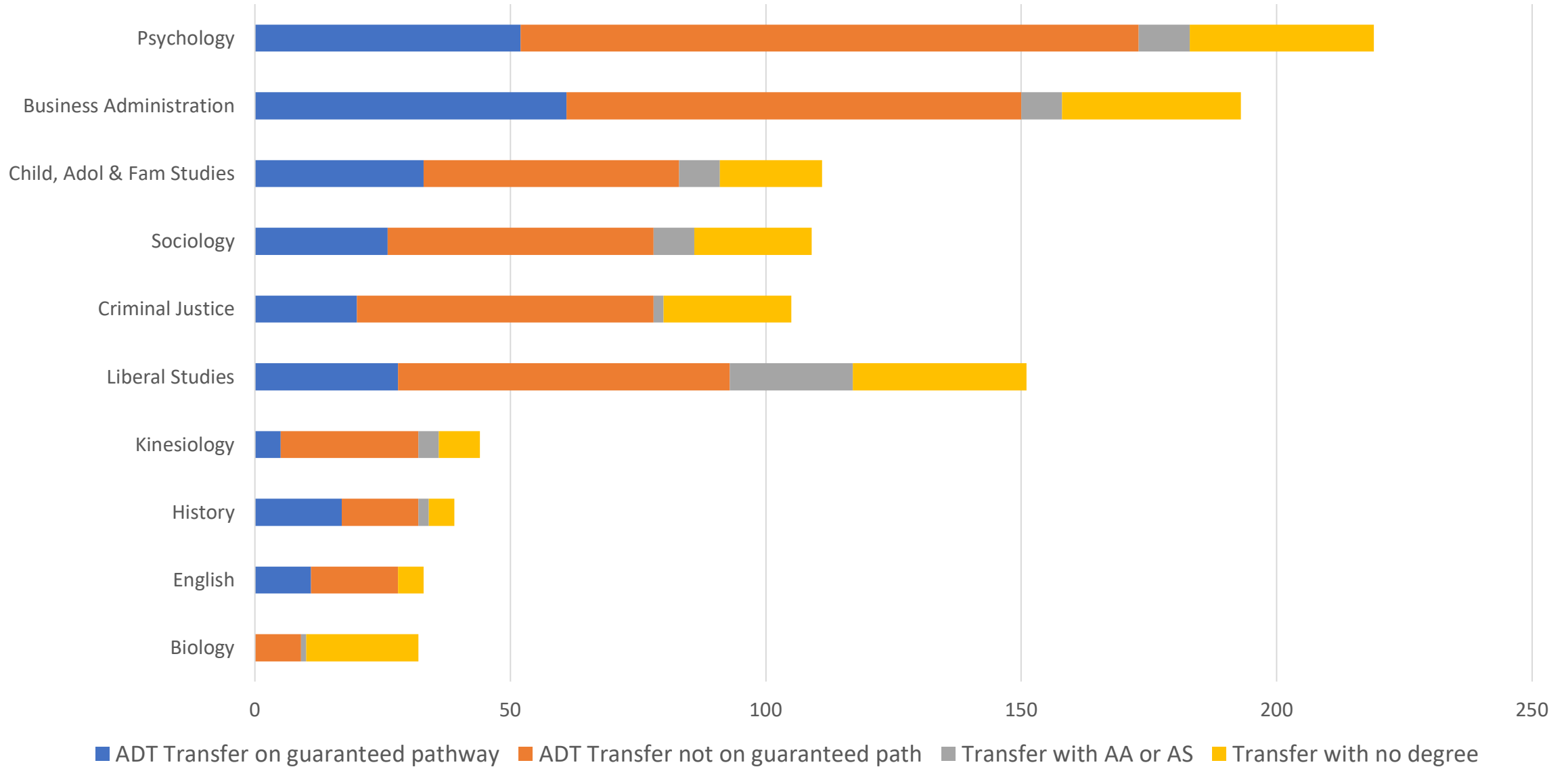


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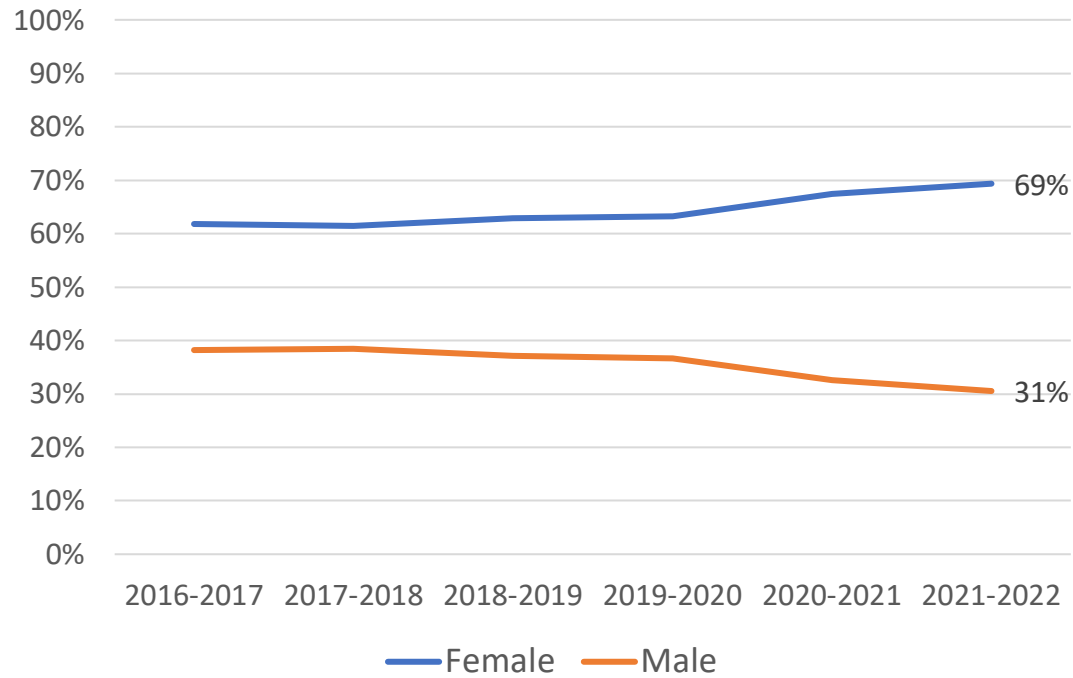
CALIFORNIA COMMUNITY COLLEGE TRANSFER ENROLLMENT, COLLEGE YEAR TREND



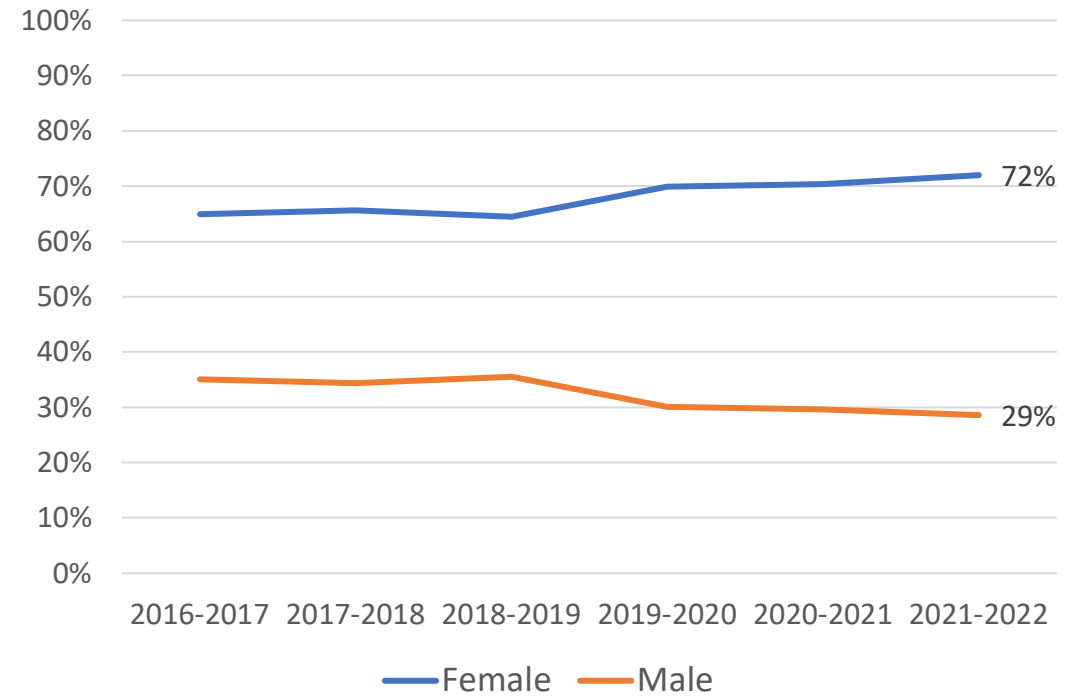
California Community College Transfer Enrollment by Top 10 Majors, College Year 2021-2022



California Community College Transfer Students

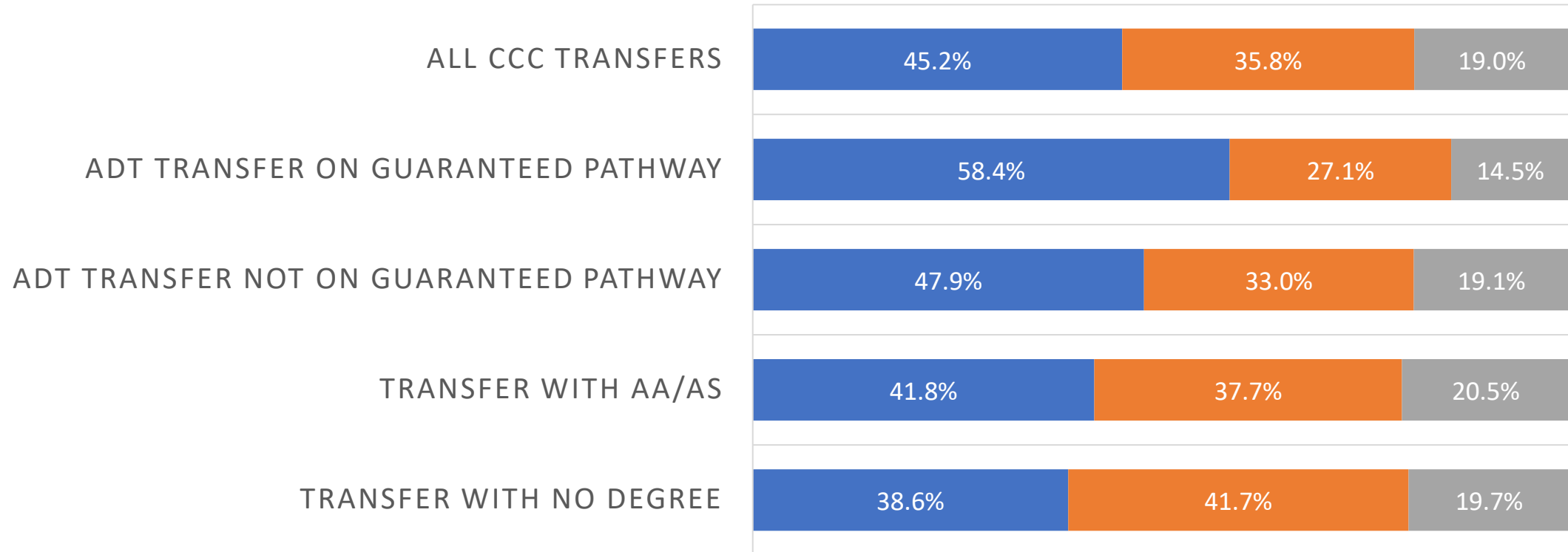


Transfer with ADT



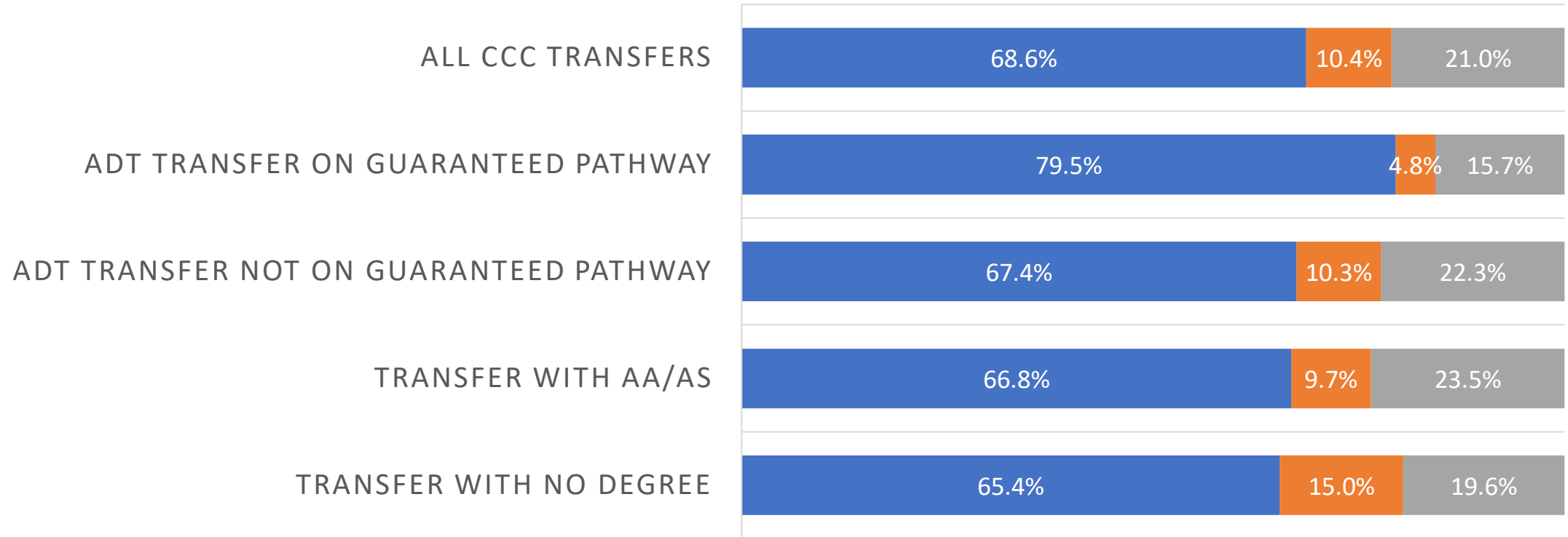
CALIFORNIA COMMUNITY COLLEGE TRANSFER PERSISTENCE RATES, FALL 2018 WITHIN 2 YEARS

■ % Graduated ■ % Enrolled ■ % Not Graduated, Not Enrolled



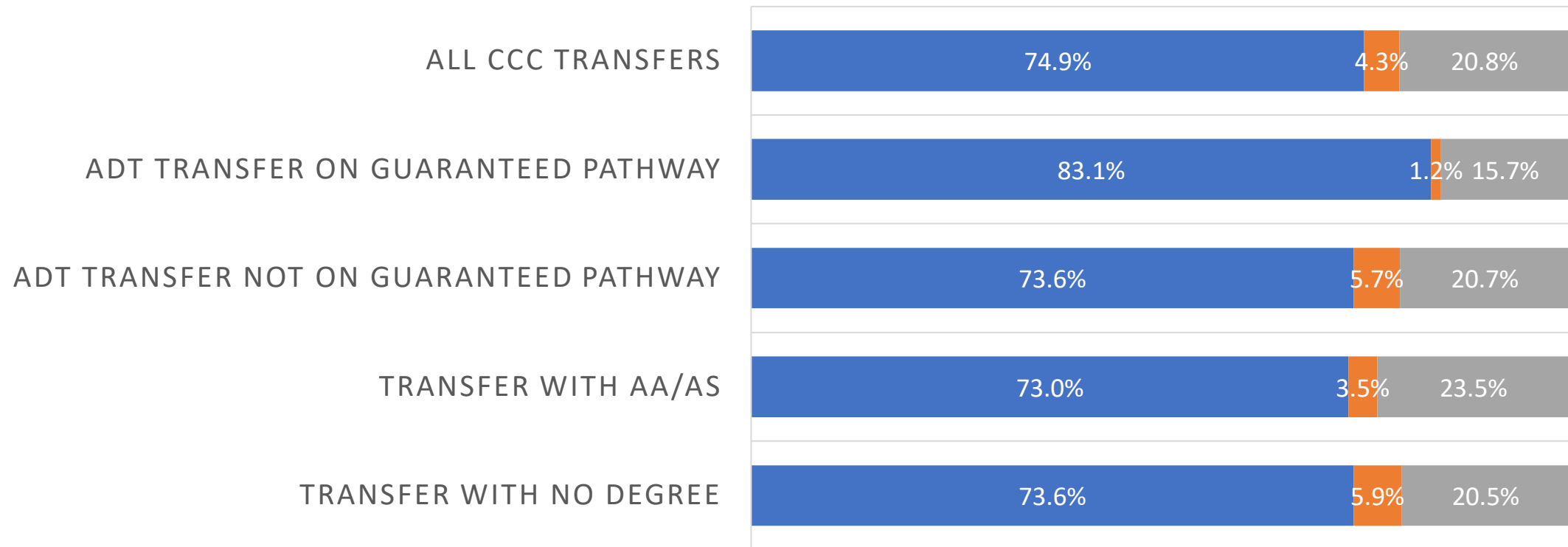
CALIFORNIA COMMUNITY COLLEGE TRANSFER PERSISTENCE RATES, FALL 2018 WITHIN 3 YEARS

■ % Graduated ■ % Enrolled ■ % Not Graduated, Not Enrolled



CALIFORNIA COMMUNITY COLLEGE TRANSFER PERSISTENCE RATES, FALL 2018 WITHIN 4 YEARS

■ % Graduated ■ % Enrolled ■ % Not Graduated, Not Enrolled



Initial Concerns Solved

- ✓ A high number of excess transfer units
- ✓ Course articulation challenges
- ✓ ADT validation challenges
- ✓ Disconnect and miscommunication between institutions

Remaining Challenges



Data sharing between
institutions



Working to improve degree
attainment

Next Steps

- Continuing to develop a systematic process for roadmap updates that align with curricular review
- Data to determine % of students on track and align with PPM
- Monitoring usage of PPM (Google Analytics)
- Building additional transfer maps from Bakersfield College
- Partner with other regional community colleges
- Review data – impact URM and closing equity gaps

Thank you!

Questions



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