

# What We're Learning About Guided Pathways And applying these lessons to college redesign efforts

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Washington State Spring Student Success Institute

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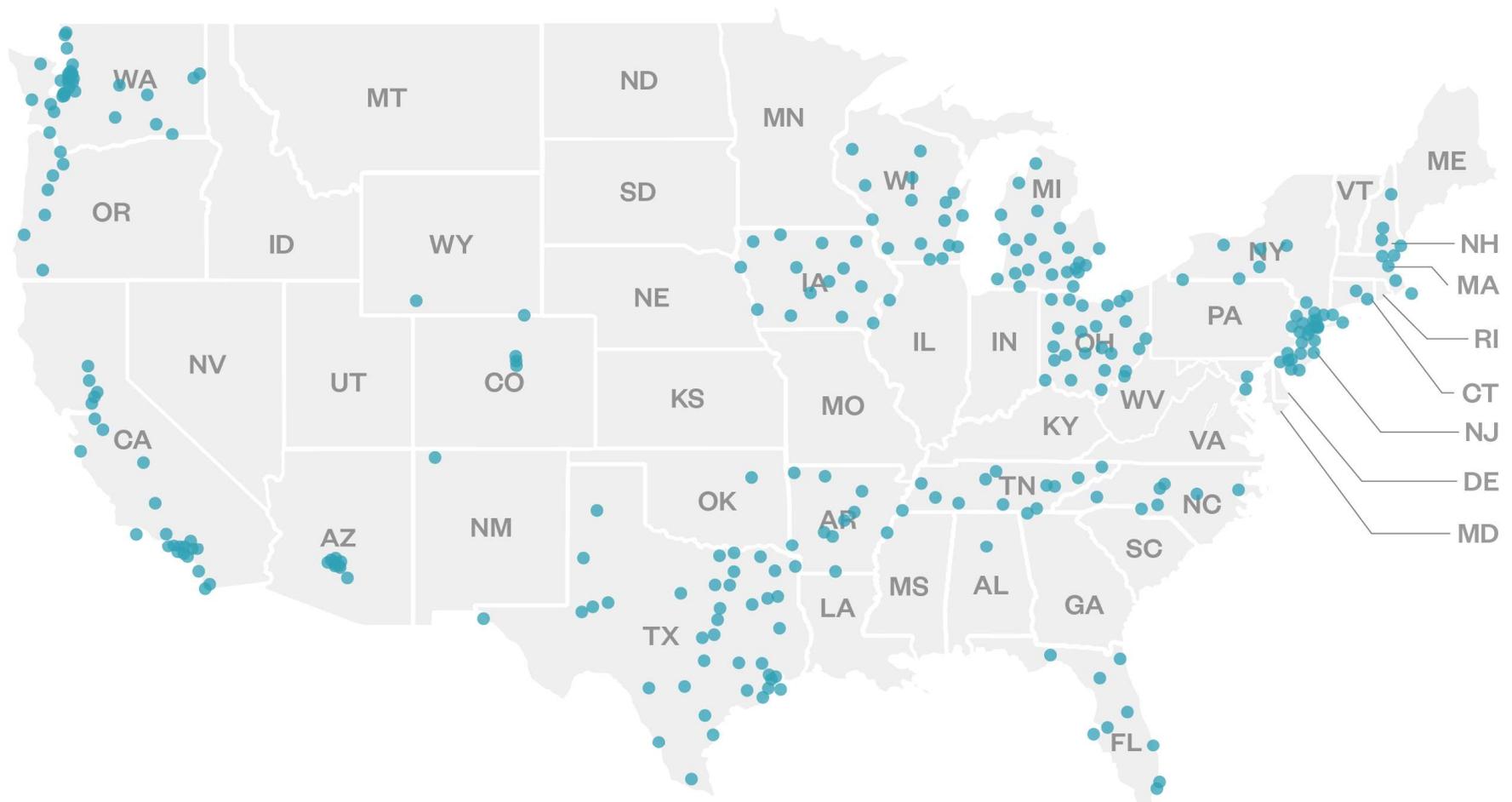
Spokane, Washington

# Agenda

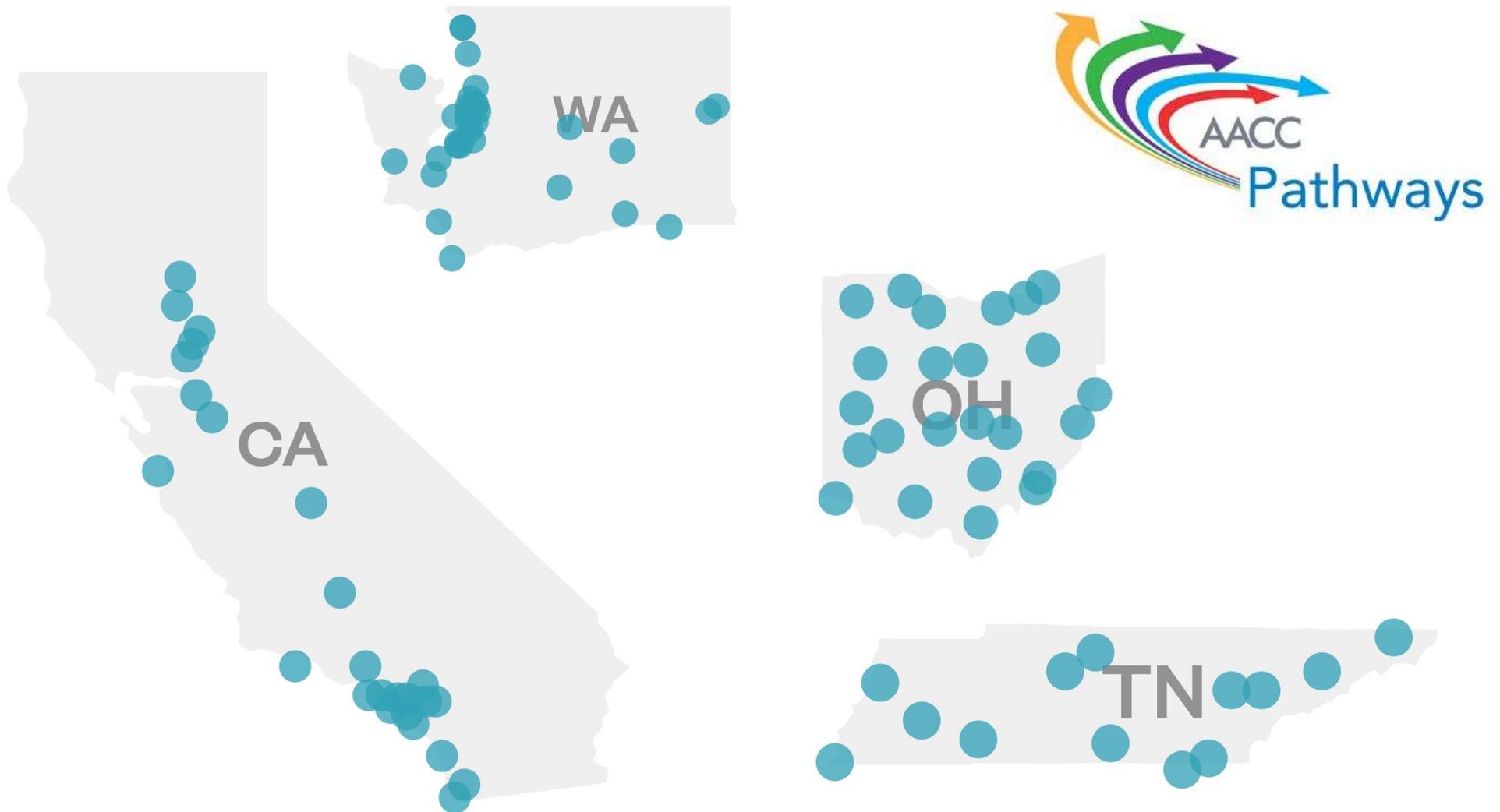
- Our evolving understanding of the guided pathways model
- Educational plans
- Program maps
- Meta-majors

# **Our Evolving Understanding of the Guided Pathways Model**

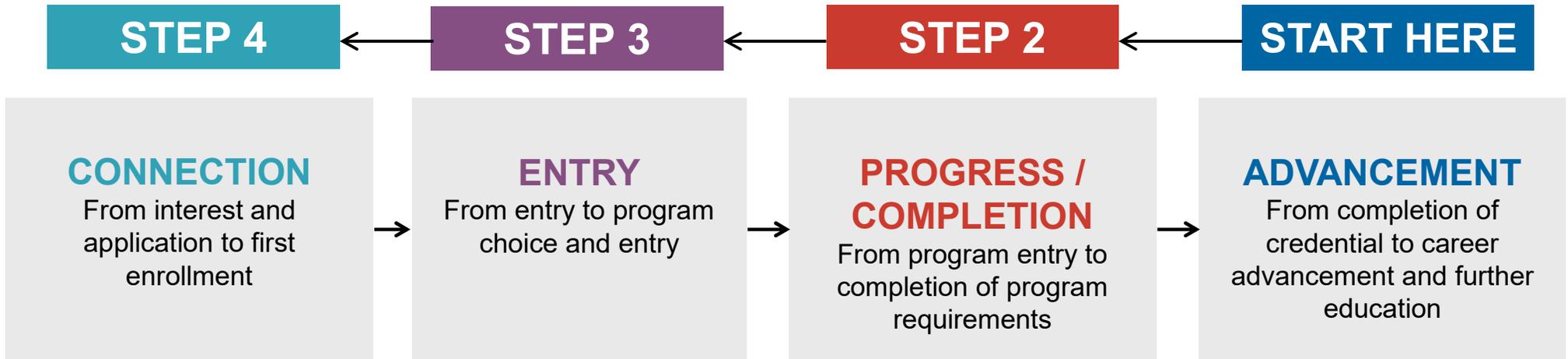
# A National Movement: Colleges Implementing Guided Pathways



# What We Are Learning Through State and National Research Projects



# Redesign, Starting with the End in Mind



- Market program paths
- Build pathways into high schools and adult education programs

- Help students explore options/ make full-program plan
- Integrate academic support into critical program gateway courses

- Clearly map out program paths
- Redesign advising/scheduling around maps/plans
- Monitor student progress, provide feedback and support as needed

- Align program outcomes with requirements for success in career-path employment and further education

# Guided Pathways Essential Practices

## 1 Clarify paths to student end goals

- Meta-majors
- Program maps
- Career + transfer information
- Math pathways

## 2 Help students get on a path

- Early career/transfer exploration
- Academic and financial plan
- Integrated & contextualized academic support

## 3 Keep students on path

- Monitoring progress on plan
- Intrusive support
- Frequent feedback
- Predictable scheduling

## 4 Ensure students are learning

- Field-specific learning outcomes
- Active learning throughout
- Field-relevant experiential learning

# Guided Pathways Mindset Shifts

## FROM:

## TO:

Transfer vs. CTE, credit vs. non-credit



Career-connected transfer paths or livable-wage job w/ clear degree path

Full-time vs. part-time



On-plan vs. off-plan

Job/transfer support for near completers



Career/transfer exploration and planning for all students from the start

Standardized placement tests



Multiple measures and in-class diagnostic assessment

Pre-requisite remediation



Integrated/contextualized academic support

Algebra and English comp “gatekeepers”



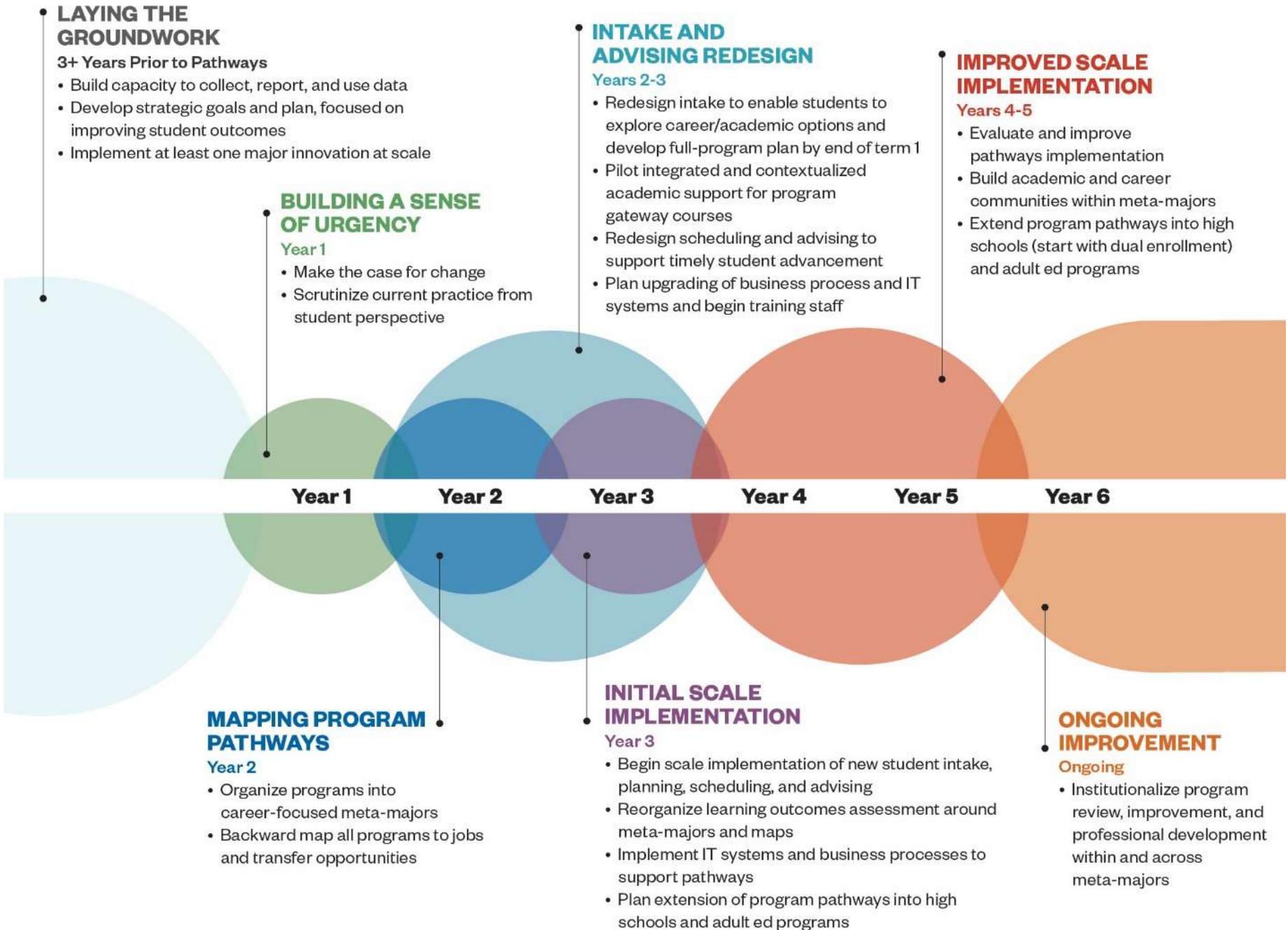
Critical program courses (including field-appropriate math)

In-class vs. co-curricular



Program-relevant active/experiential learning

## Idealized Timeline for Implementing Guided Pathways at Scale



As our research focus has evolved,

**What**

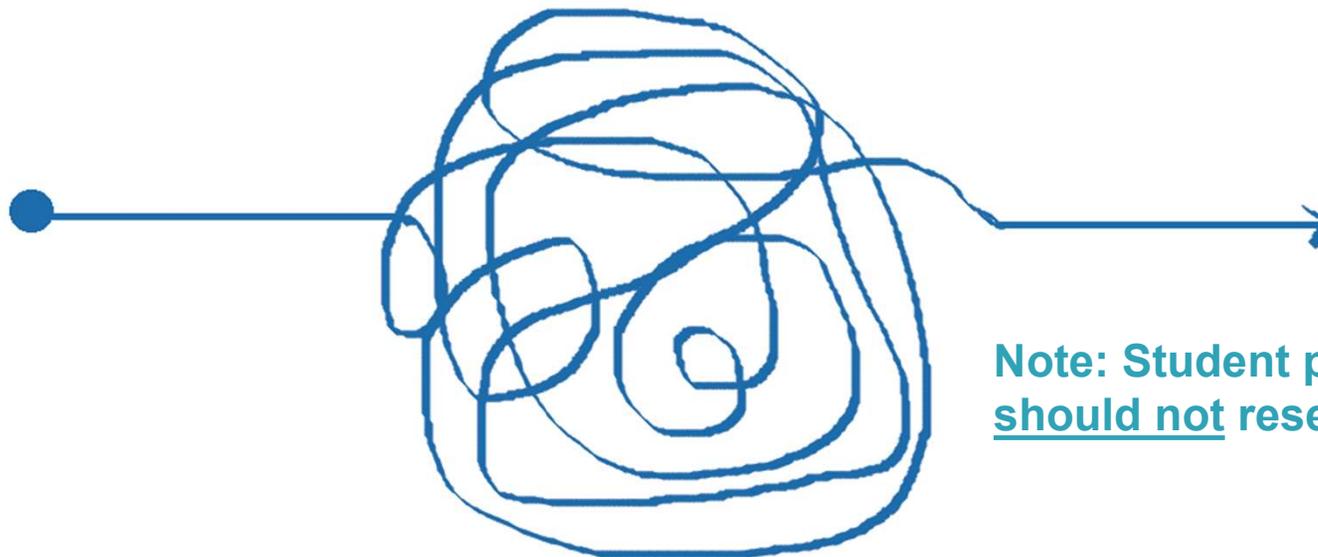
(essential practices)



**How**

(change process)

our understanding of guided pathways implementation has become more complex.



Note: Student program pathways should not resemble this figure.

# Lessons on Leading College Redesign

- Redesigning colleges on guided pathways model is a **big technical challenge, but even bigger cultural one**
- Effective leaders lay the groundwork: a) engage stakeholders across college in examining **barriers the college creates** to student success, b) **develop vision and goals** for improving experience for all students; c) **empower teams to plan and design innovations at scale**
- Critical importance to implementation of well-managed cross-functional teams
- Critical importance to redesign of broad engagement in **program and student experience mapping** (status quo and desired)
- Challenge: **creating time and resources** for reflection, design, planning, professional development and evaluation
- Challenge: **sustaining and institutionalizing innovation** in face of turnover, uncertain policy/fiscal environment; exhaustion

# Educational plans – a core pathways idea

# The goal

**Every student is helped to build a full-program educational plan by the end of term 1 (or year 1)**

# What makes a good educational plan?

- Covers entire program (through completion) and is based on the program maps
- Customized for each student to account for:
  - Prior credits (transfer, APA, DE, PLA, etc.)
  - Educational goals and personal interests (electives)
  - Transfer destination and major
  - Timeline to completion
- Contains at least 1 program course in first term, and 3 program courses in year 1
- Includes experiential learning opportunities
- Easily accessible to students, advisors, faculty
- Is regularly updated to reflect any changes to students' plan
- Tied to scheduling and registration process and locked into student information system



## Motivating students towards next steps

One student said that his educational plan is “something I look up to, something that is motivating me that if you can do this by fall 2017, you’re going to be at UIC [University of Illinois at Chicago].”



## Seeing progress towards completion

I find [the pie-chart] really helpful.... Like you're on the right track. And it gives you a boost, like, 'Oh I'm almost done. I'm at 60 percent.'"



## Reassuring students that they're on the right track

One student said that, prior to creating an educational plan, she questioned, “Am I on the right path? Am I missing a class? Am I going to forget something?” ... “[The educational plan] really made me feel at ease because I was able to see my next step and not have to worry.



## **...and reassuring parents**

Another student described how this assurance was also helpful to her parents: “I remember feeling at peace and being able to go home and tell my parents ‘Okay, so here’s the plan.... Don’t freak out, I’ve got this under control.’ They were like, ‘Cool.’”

# Program mapping

# Elementary Education (K-5)

Home > Academics > Academic Programs > Programs >

[Request More Information](#) | [Print Map](#)

## Transfer Teaching, Elementary Education (K-5)

### Associate of Science in Teaching

#### A day in the life

Elementary education requires patience, creativity and a passion for helping students learn. Teachers are on their feet a lot and spend hours outside the classroom preparing lessons. Few professions are as rewarding.

#### Three reasons to consider this program.



EDU 101 Introduction to Teaching

ENGL 1010 Composition I

MATH 1530 Introductory Statistics

SPCH 1010 Fundamentals of Speech

EDU 111 Intro to Education of Exceptional Childr...

ENGL 1020 Composition II

BIOL 1110 General Biology I

ARTH 1030 Art Appreciation

MATH 1410 Number Concepts/Algebra Structures

GEOG 2010 World Regional Geography

ENGL 2110 Survey of American Literature I

HIST 2010 Survey of US History I

MATH 1420 Problem Solving Geometry

GEOL 1040 Physical Geology

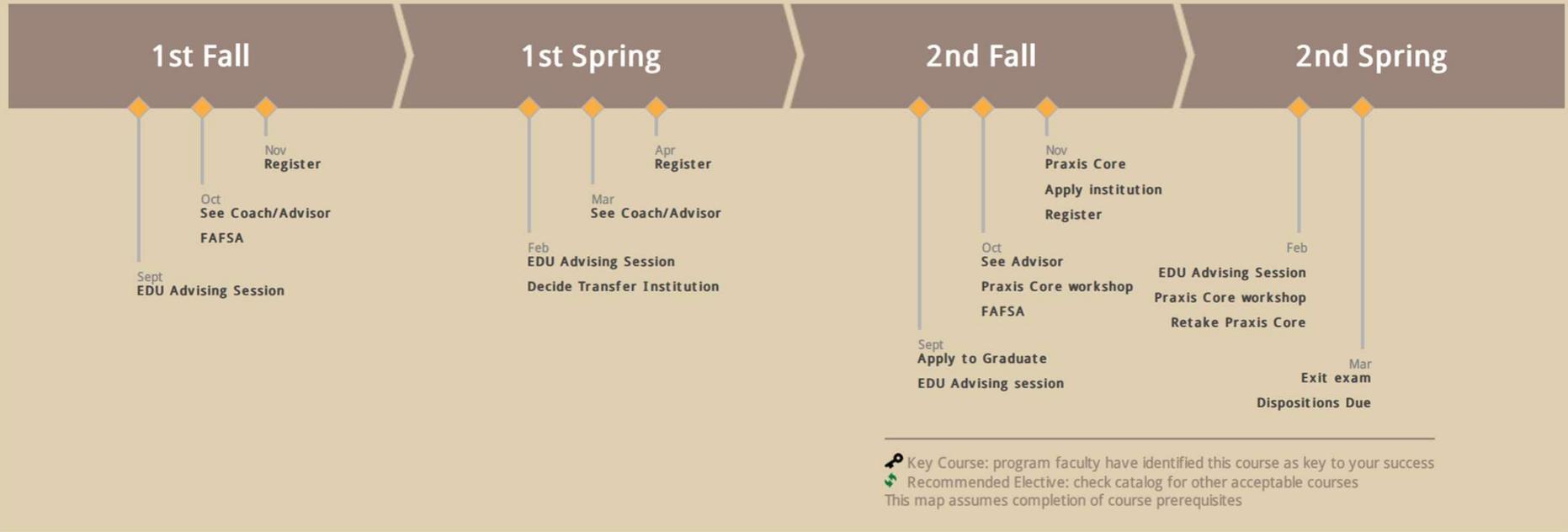
EDU 211 Educational Psychology

HIST 2020 Survey of US History II

POLS 1030 American Government

MSC 1012 Introduction to Physical Science

Humanities Elective



# Palm Beach Community College, Florida

## PBSC 15 *to* FINISH

**AA** ASSOCIATE IN ARTS DEGREE > CAREER PATHWAY  
Biological Sciences

With 15 to Finish, students are encouraged to take 15 credits per term – or 30 credits per year – to graduate on-time (in most cases, 2 years for an associate’s degree or 4 years for a bachelor’s degree).



PALM BEACH STATE  
COLLEGE

		CREDITS	CREDENTIAL
<b>1</b> FALL	CHM 1045 General Chemistry 1	3	
	CHM 1045L General Chemistry 1 Lab	1	
	MAC 1147 Precalculus Algebra and Trigonometry	5	
	SLS 1501 Introduction to the College Experience	3	
	ENC 1101 College Composition 1	3	
<b>2</b> SPRING	BSC 1010 Principles of Biology 1	3	
	BSC 1010L Principles of Biology 1 Lab	1	
	CHM 1046 General Chemistry 2	3	
	CHM 1046L General Chemistry 2 Lab	1	
	MAC 2311 Calculus With Analytic Geometry 1	4	
	ENC 1102 College Composition 2	3	
<b>3</b> FALL	BSC 1011 Principles of Biology 2	3	
	BSC 1011L Principles of Biology 2 Lab	1	
	CHM 2210 Organic Chemistry 1	3	
	CHM 2210L Organic Chemistry 1 Lab	1	
	STA 2023 Statistics	3	
	-Or- MAC 2312 Calculus With Analytic Geometry 2 Humanities (ARH, MUL, PHI, THE Course)	4 3	
<b>4</b> SPRING	POS 1041 Introduction to American Government	3	
	-Or- AMH 2020 United States History from 1865 to Present		
	SPC 1017 Fundamentals of Speech Communication	3	
	Humanities (Literature Course)	3	
	PSY 2012 General Psychology	3	
	CHM 2211 Organic Chemistry 2	3	
	CHM 2211L Organic Chemistry 2 Lab	1	

### Career and Transfer Outlook

This **recommended** AA Plan prepares students to continue their career pathway to a bachelor’s degree program at PBSC or another state of Florida public college or university. Since institutional pre-requisites may change, please consult with your PBSC Academic Advisor to ensure all entry requirements are met for the transfer institution and program of your choice (i.e. minimum GPA, limited access, and additional requirements or pre-requisite courses).



**Success!**



Have you spoken with an advisor? Get on track early!



Take courses in the proper order to stay on track to graduate on time.



Course to earn a Micro-credential (i.e., certificate).



Save time & money by finishing in 2 years. Check for scholarships for those who qualify!

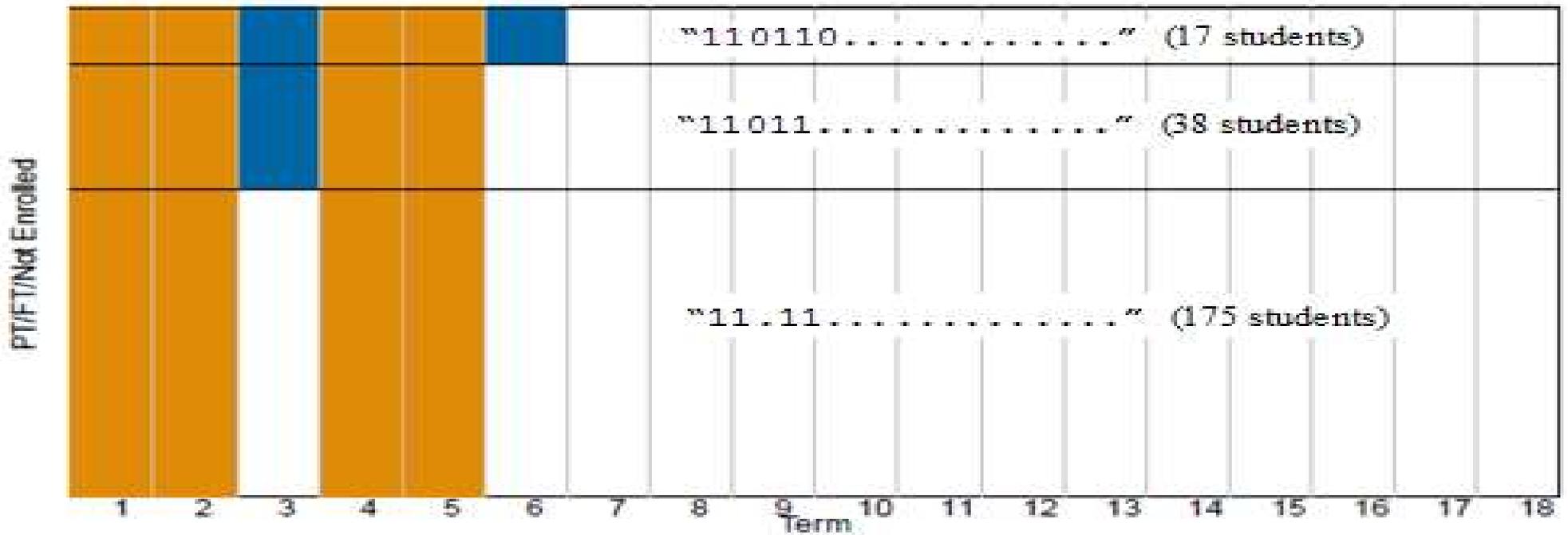


Resources: Student Learning Centers, Counseling, both Veterans and Disability Support Services, plus Wellness Centers and more.

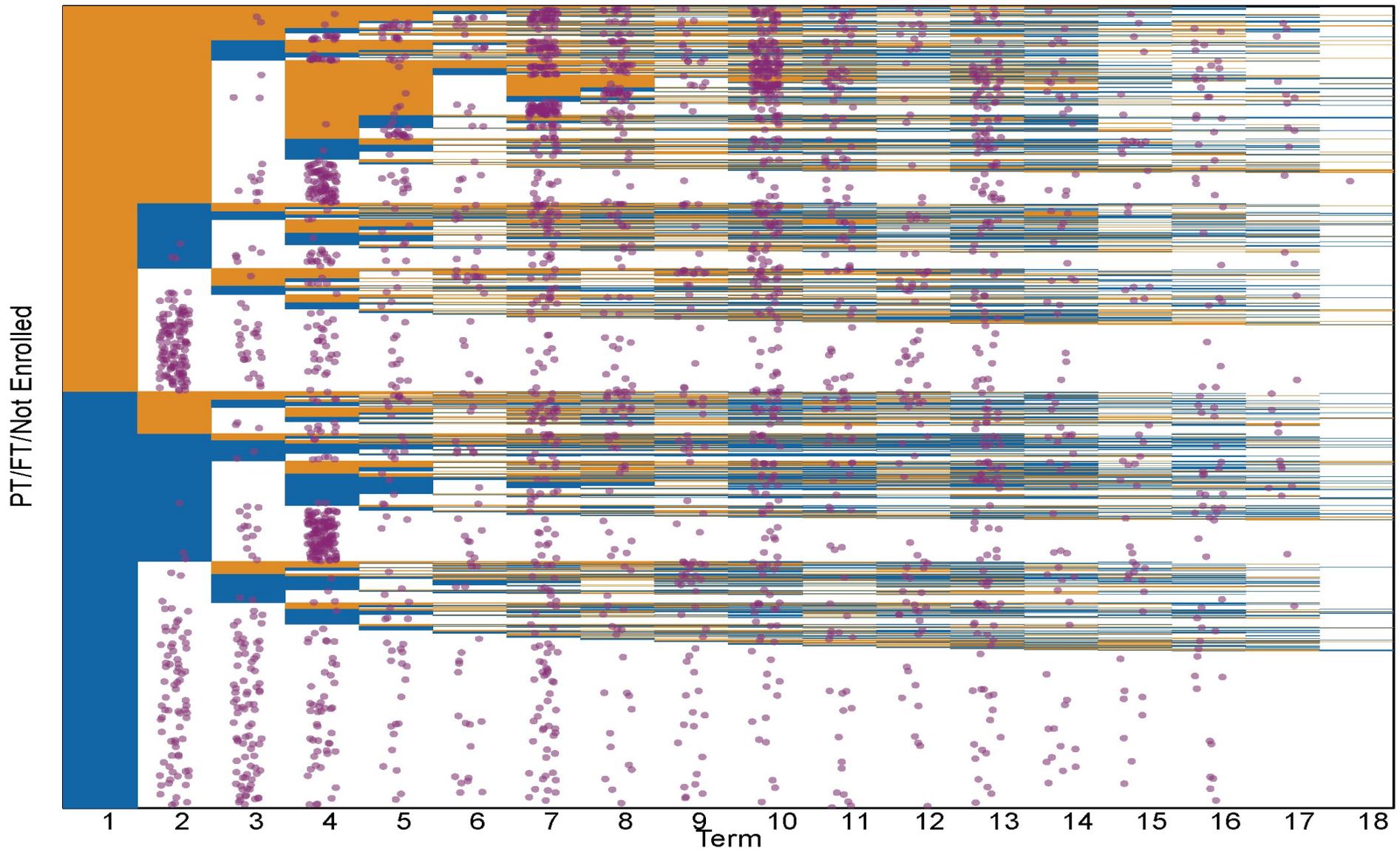
  

[palmbeachstate.edu/15toFINISH](http://palmbeachstate.edu/15toFINISH)

# Ideal CC Student Pathways



# Actual CC Student Pathways



# Meta-majors

# Prince George's Community College (MD)

DISCOVER YOUR  
ACADEMIC AND CAREER  
PATH AT PGCC



# Cleveland State Community College (TN)



## Join a Community!

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## Advanced Technologies

Explore programs related to hands-on technical training.

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## Business

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## Education

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## Healthcare

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## Arts & Humanities

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[More](#)



## Social Sciences

Explore programs and careers related to the human society and social relationships.

[More](#)



## S.T.E.M.

Explore programs and careers in science, technology, engineering, and math.

[More](#)

# Thank you!

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