

COMPLETE COLLEGE AMERICA

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Data and Evidence

@completeclege

@kzaback

Our Mission

- Significantly increase the number of Americans with quality career certificates or college degrees
- Close attainment gaps for traditionally underserved populations

Our Approach

Work with states, systems and consortia to implement **evidence-based strategies at scale** to see double-digit gains in outcomes.

Key Questions

Do students graduate?

How long does it take?

How many credits do they accumulate?



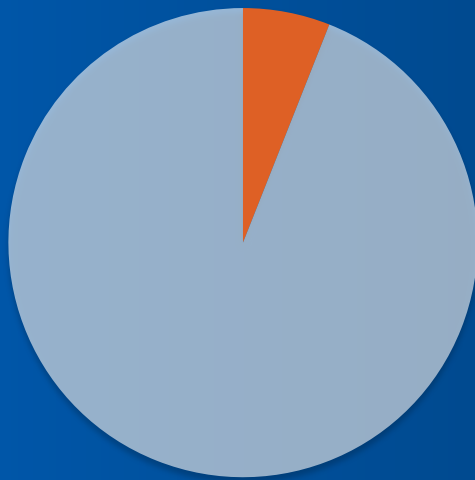
Four-Year

MYTH

On-Time Graduation Rates

(Colorado Full-Time Students)

2-Year
Associate

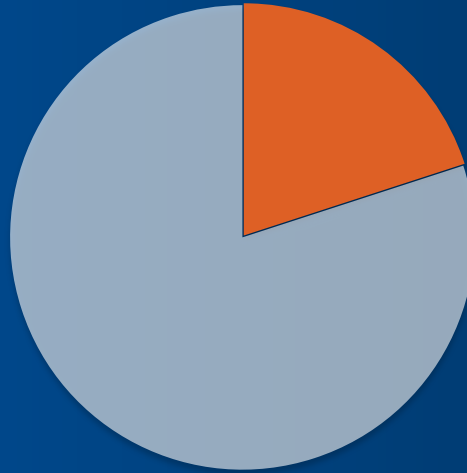


6%

ON TIME

Fall 2010 Cohort

4-Year
Bachelor's Other

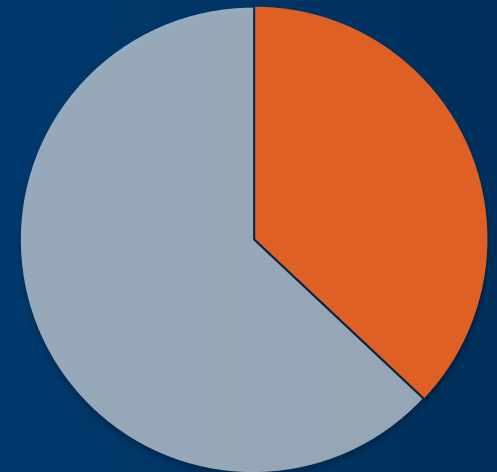


20%

ON TIME

Fall 2008 Cohort

4-Year
Bachelor's Very
High Research



37%

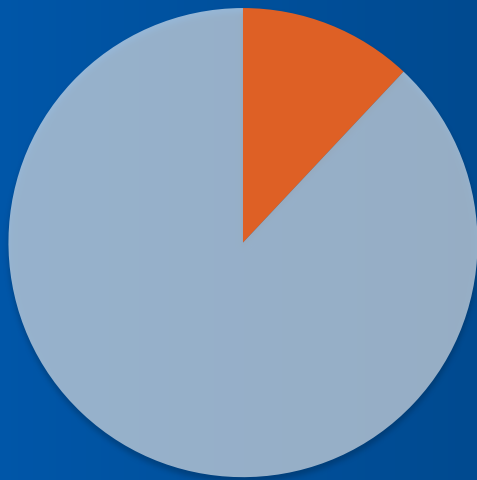
ON TIME

Fall 2008 Cohort

150% Graduation Rates

(Colorado Full-Time Students)

2-Year
Associate

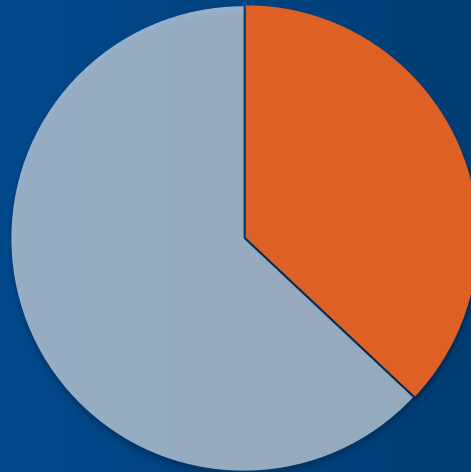


12%

3 YEARS

Fall 2010 Cohort

4-Year
Bachelor's Other

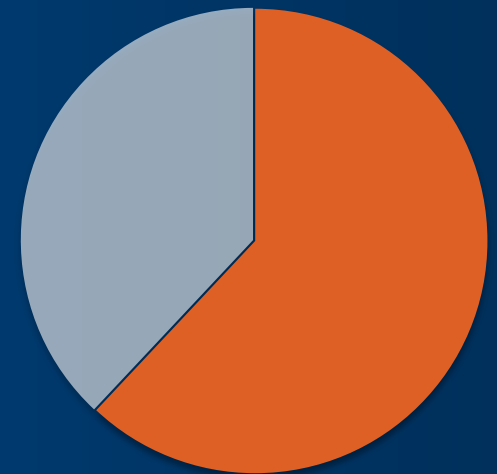


37%

6 YEARS

Fall 2008 Cohort

4-Year
Bachelor's Very
High Research



62%

6 YEARS

Fall 2008 Cohort

Time to Degree

(Colorado Full-Time Students)

2-Year
Associate

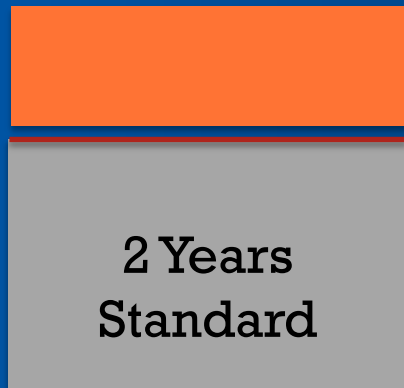
4-Year
Bachelor's Other

4-Year
Bachelor's Very
High Research

2.9

4.5

4.0



Students Graduating in 2011-12

Credits to Degree

(Colorado Full-Time Students)

2-Year
Associate

4-Year
Bachelor's Other

4-Year
Bachelor's Very
High Research

79

135

135

60 Credits

120 Credits

120 Credits

Students Graduating in 2011-12

**Affordability:
Time is Money!**

Total Cost of Each Extra Year

(Full-Time Students)

2-Year
Student

\$15,933

in cost of attendance

\$35,000

in lost wages

\$50,933

4-Year
Student

\$22,826

in cost of attendance

\$45,327

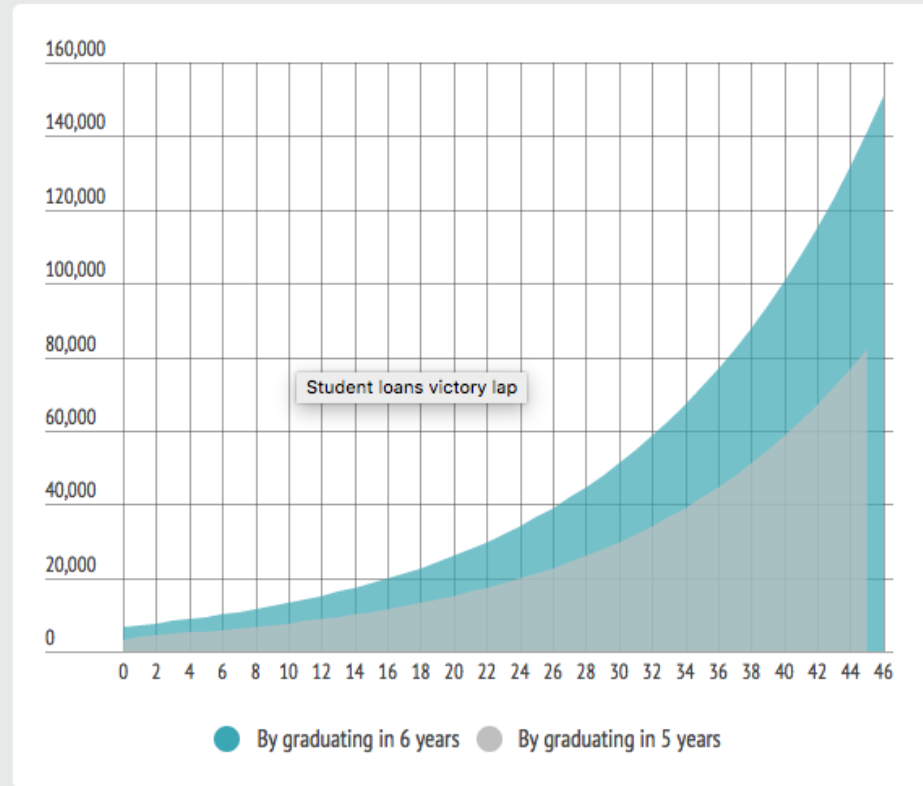
in lost wages

\$68,153

Source: fly.temple.edu and utexas.edu/enrollment-management/messages/ut-strives-improve-four-year-graduation-rates

Retirement Savings

Retirement savings forgone



Share

nerdwallet

<https://www.nerdwallet.com/blog/loans/student-loans/victory-lap/>

Total Cost of Each Extra Year

	+1 year Public	+1 Year Private	+2 Years Public	+2 Years Private
Tuition and Loans	\$18,598	\$26,815	\$37,456	\$53,760
Opportunity Costs	\$128,429	\$128,429	\$245,253	\$245,253
Total cost of delayed graduation	\$147,026	\$155,244	\$282,691	\$290,995

<https://www.nerdwallet.com/blog/loans/student-loans/victory-lap/>

The Game Changers



COMPLETE COLLEGE AMERICA



1. 15 to Finish



2. Math Pathways



3. Corequisite Remediation



4. Guided Pathways - GPS



5. Structured Schedules

The Game Changers



15 to Finish

#15toFinish

RACK
UP



15
CRISP & DELICIOUS
TO GRAB ON THE
#15TOPMASH



The Game Changers



Math Pathways
#MathPathways



Math Is Aligned to Majors

Meta-Major

Gateway Math

Humanities
Arts

Quantitative Reasoning

Social Sciences
Health Sciences
Business

Statistics/Modeling

Technical
Certificate
Programs

Technical Math

Engineering
Hard Sciences

**College Algebra/Pre-Calc/
Calculus**

Students have
quantitative
skills that are

- ✓ Relevant to
their Career
- ✓ Necessary in
a Data-
Driven
Society

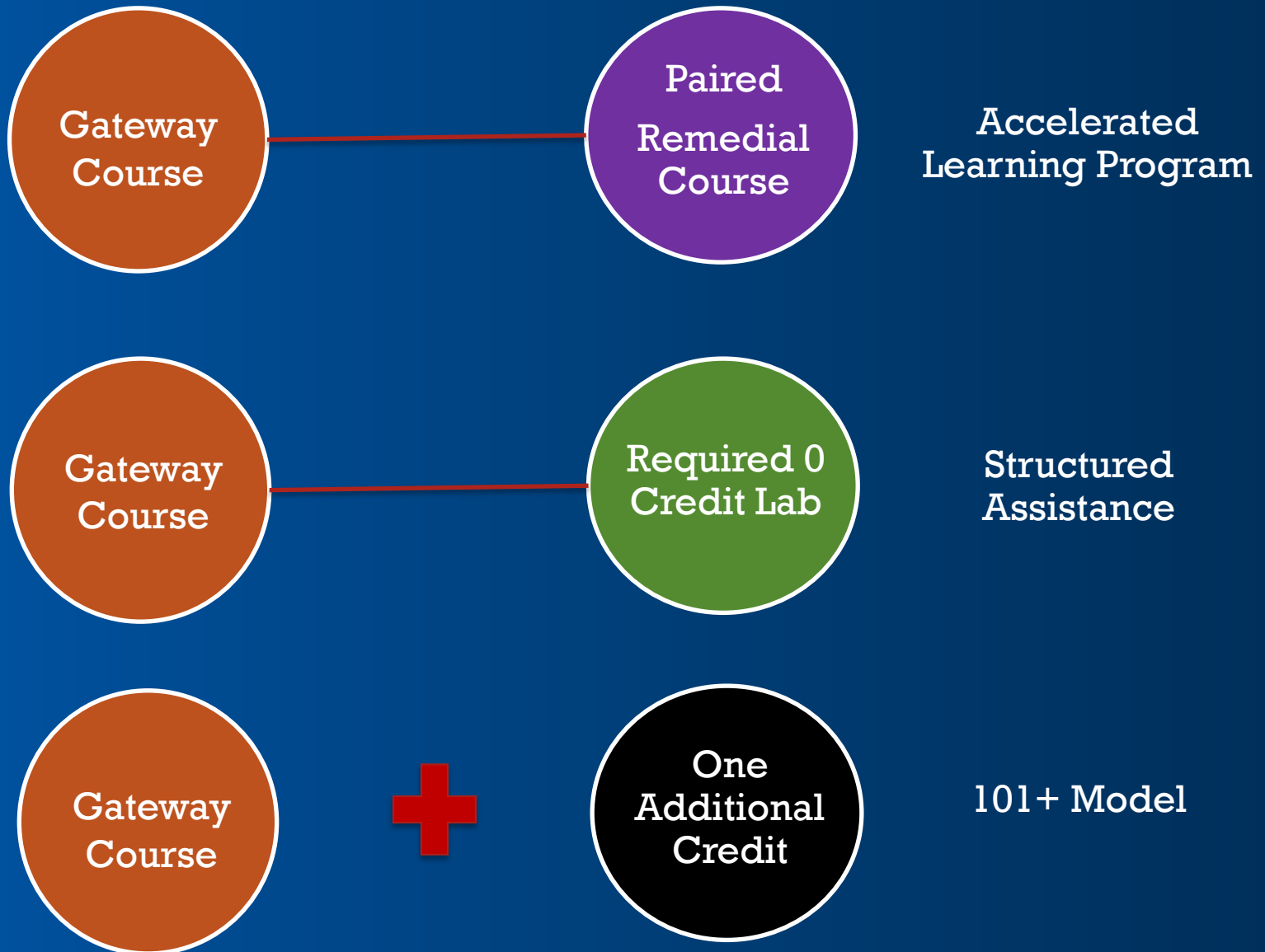
The Game Changers



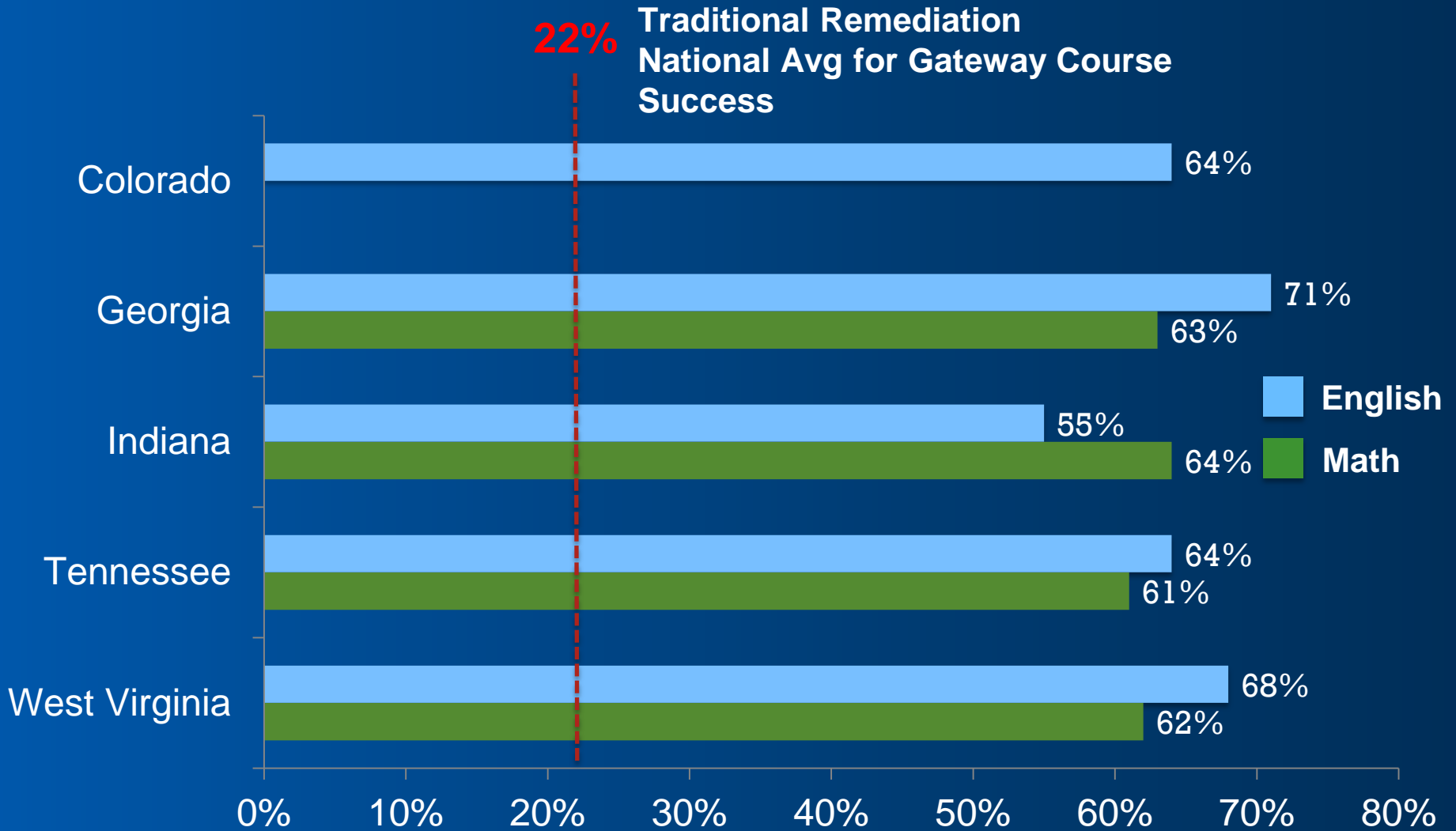
Corequisite Remediation

#CoreqWorks

Corequisite Models



Coreq Works! #coreqworks



The Game Changers



Structured Schedules
#StructuredSchedules

Traditional Schedules

Semester 1

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Class	Class	Class	Class		
	Class		Class	Class	
				Class	
Class			Class		

Semester 2

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		Class		Class	
Class		Class	Class	Class	
				Class	
		Class	Class	Class	

Structured Schedules

Condensed Time

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Class	Class	Class	Class		
Class	Class	Class	Class		

Condensed Days

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Class		Class			
Class		Class			
Class		Class			
Class		Class			

Structured Schedules

Hybrid: One Day In-Person + Online

Wednesday
Class
Class
Class
Class



Executive

Friday	Saturday
	Class
	Class
	Class
Class	Class

The Game Changers



Guided Pathways #GPSDirect



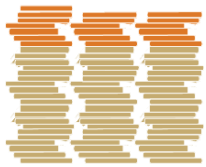
A 3D perspective view of a complex, white maze. The maze is composed of many interconnected paths and dead ends, creating a dense and confusing structure. In the lower-left quadrant, a small figure of a person wearing an orange shirt and blue pants stands on one of the paths, looking towards the center of the maze. A black rectangular banner with white text is superimposed over the middle of the image.

NO CLEAR PATH

The BIG Issues



- Uniformed major decisions
- Taking too much time



- Inability to access required courses
- Difficulty with registration



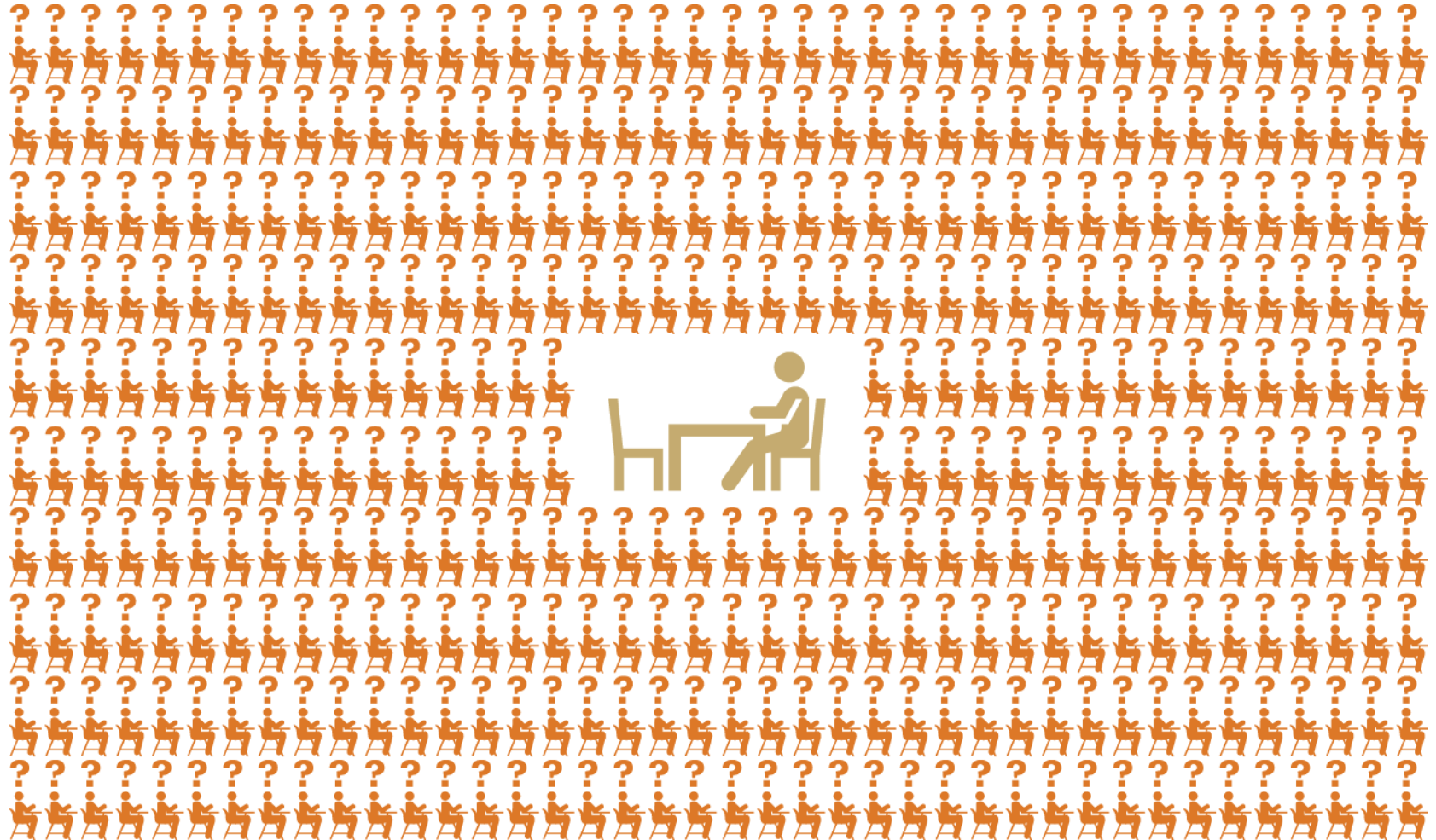
- Excess credits
- Not enough guardrails to prevent poor choices



- Spending too much money
- Not graduating



1 counselor to 400 students



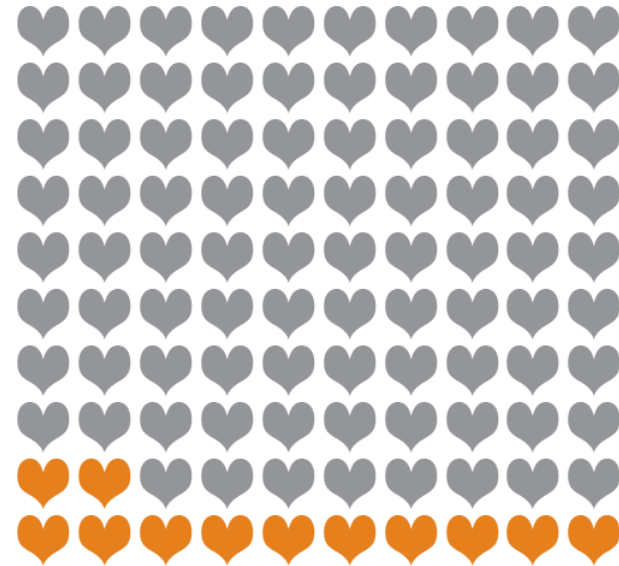
Behavioral Economics: Default

Organ Donation Rates



Austria
(OPT-OUT)

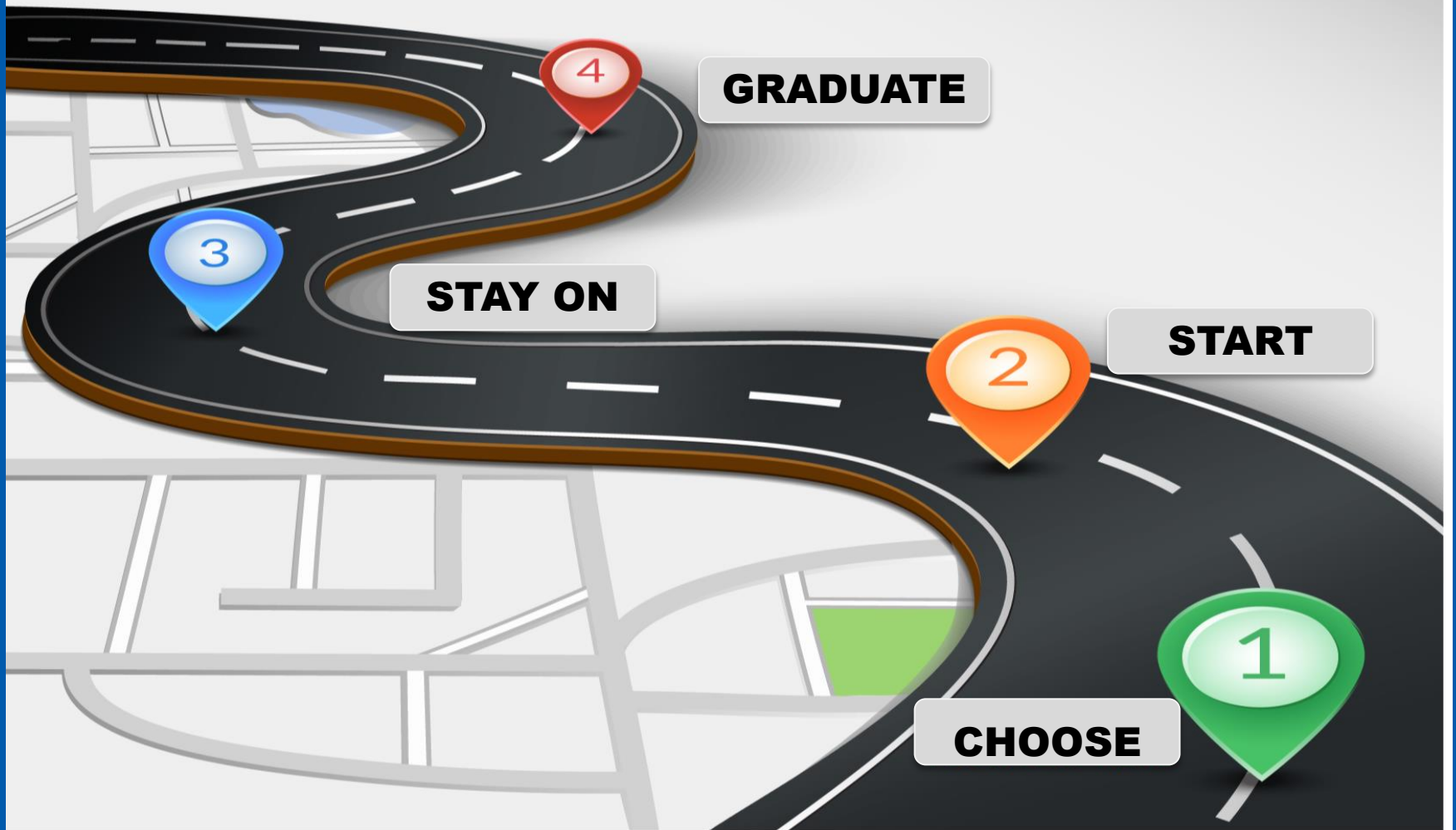
99%



Germany
(OPT-IN)

12%

GPS Direct



**DO
THIS**

GPS: Essential Components



**1. Purpose First: Informed
Choice & Meta-Majors**



**2. Academic Maps w/ Critical
Path Courses & Aligned Math**

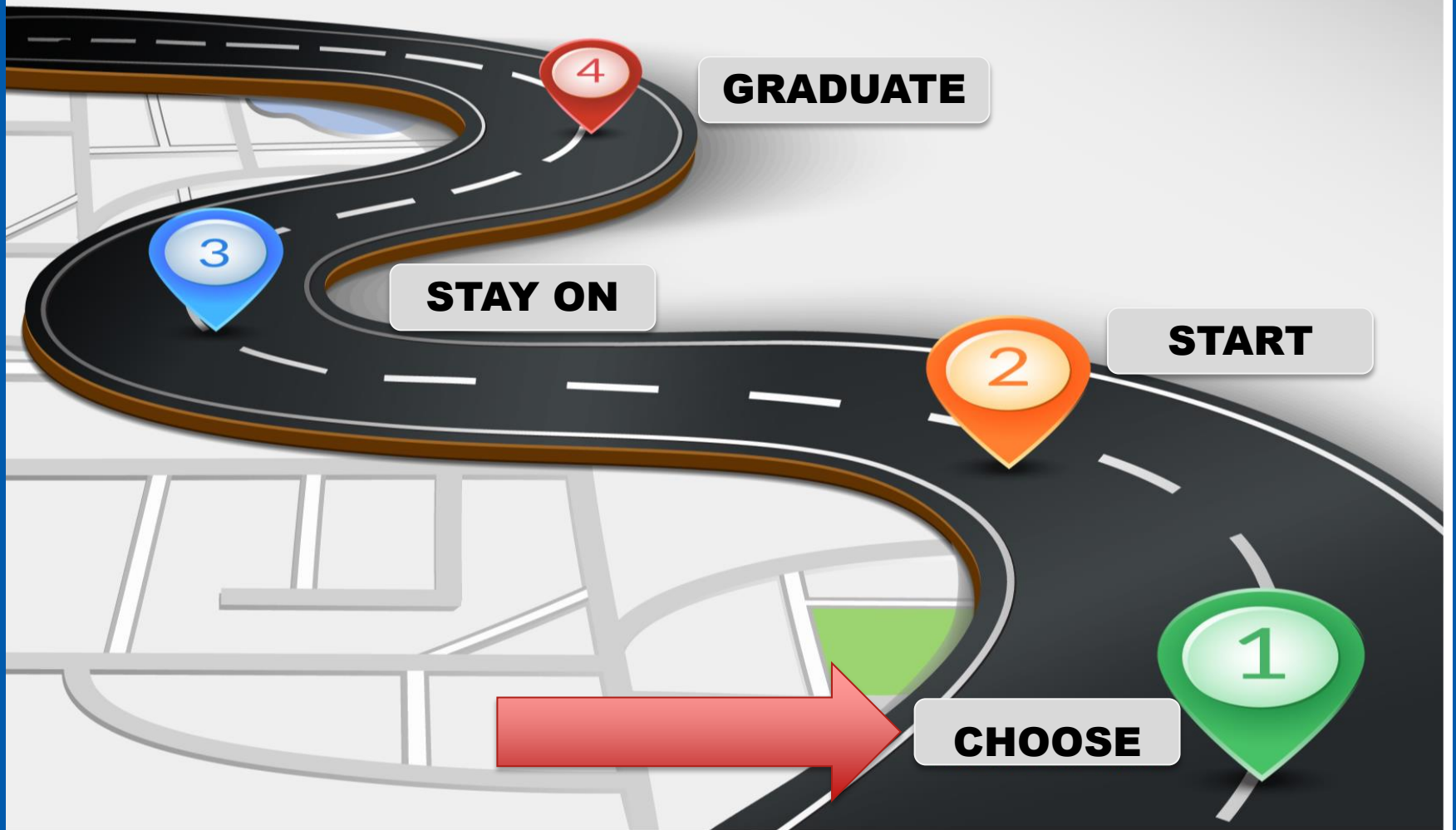


**3. Default “One-Click”
Registration**



4. Proactive Advising

GPS Direct





Getting on a Path with Meta-Majors

STEM

BUSINESS

**HEALTH
SCIENCES**

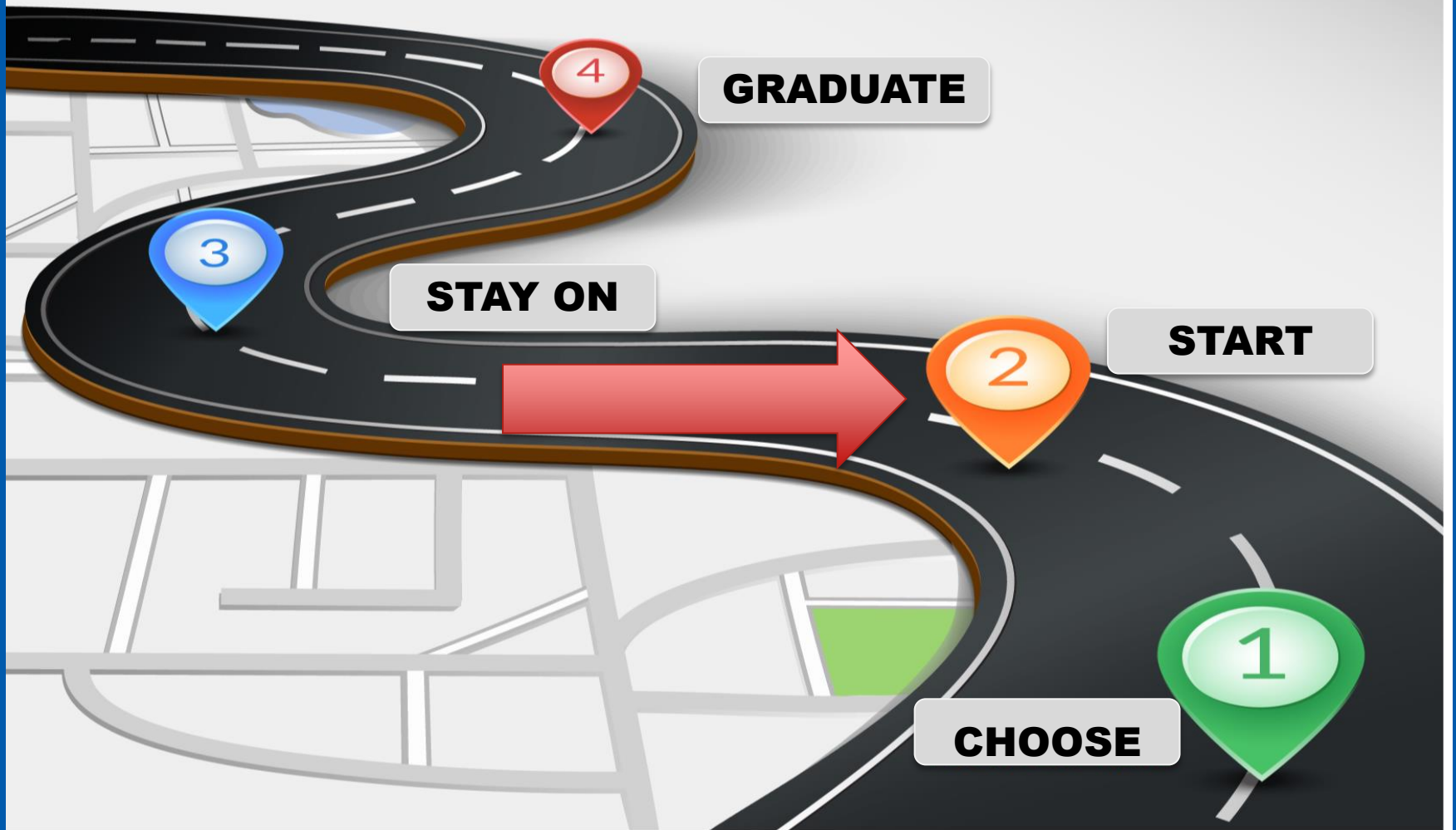
HUMANITIES

**SOCIAL
SCIENCES**

EDUCATION

ARTS

GPS Direct



Getting Started: Academic Maps

FIRST-YEAR CORE

TERM 1

English 101 | English 101+ 3 credits

Pre-calc 101 | Pre-calc 101+ 3

Biology, Chemistry, or Physics Core w/lab 4

Biology, Chemistry, or Physics Core w/lab 4

Student Success Seminar 1

CREDITS 15

TERM 2

English 102 | English 102+ 3 credits

Calculus 101 | Calculus 101+ 3

Bio, Chem, or Physics Core w/lab 4

Biology, Chemistry, or Physics Core w/lab 4

STEM or Engineering Options Seminar 1

CREDITS 15



Student Information Available in a Platform

A Step Up From Clunky Interfaces

The screenshot displays a student information platform for Whitehurst University. The interface is clean and modern, with a dark blue header and a light gray sidebar. The main content area is divided into several sections:

- Header:** Whitehurst University logo and name on the left; "Welcome SSC Log Out" on the right.
- Navigation:** "Students" and "Institutional Analytics" tabs; "Students > Boyea, Kory" breadcrumb; "Previous student" and "Next student" navigation buttons.
- Student Profile (Left Sidebar):** Profile picture, name "Kory Boyea", ID: VNZ9487640576, Age: 21, DOB: 05/09/1992. A callout box labeled "Contextual information" points to the "Term Details" section.
- Overview (Main Content):** A large section with a red "OVERVIEW" heading. It includes a callout box labeled "Summarizes concerning courses patterns: Ds and Fs, repeats, and withdrawals" pointing to the "ACAD" section. The "ACAD" section shows "2" COURSE GRADE OF D/F, "0" REPEATED COURSES, and "0" COURSE WITHDRAWALS. Below this, it lists courses: "BIOL2107K Grade: D Fall Semester 2012" and "CHEM1212K Grade: D Fall Semester 2012".
- Risk (Right Content):** A yellow "RISK" heading, "Current risk MODERATE", "Cum GPA 2.77", "Notifications 3", and "Total Credits 42.00". A callout box labeled "Summary academic information" points to the "Cum GPA 2.77".
- Major Selection (Bottom Content):** A section titled "MAJOR SELECTION" showing "Biological Science Bachelor of Science Fall Semester 2010". A callout box labeled "Major selection info, including previous major changes" points to this section.
- Right Sidebar:** "STUDENT No action taken", "I want to...", "Change student status", "Email student", and "Browse student majors".

Momentum



Momentum



STUDENT MOMENTUM

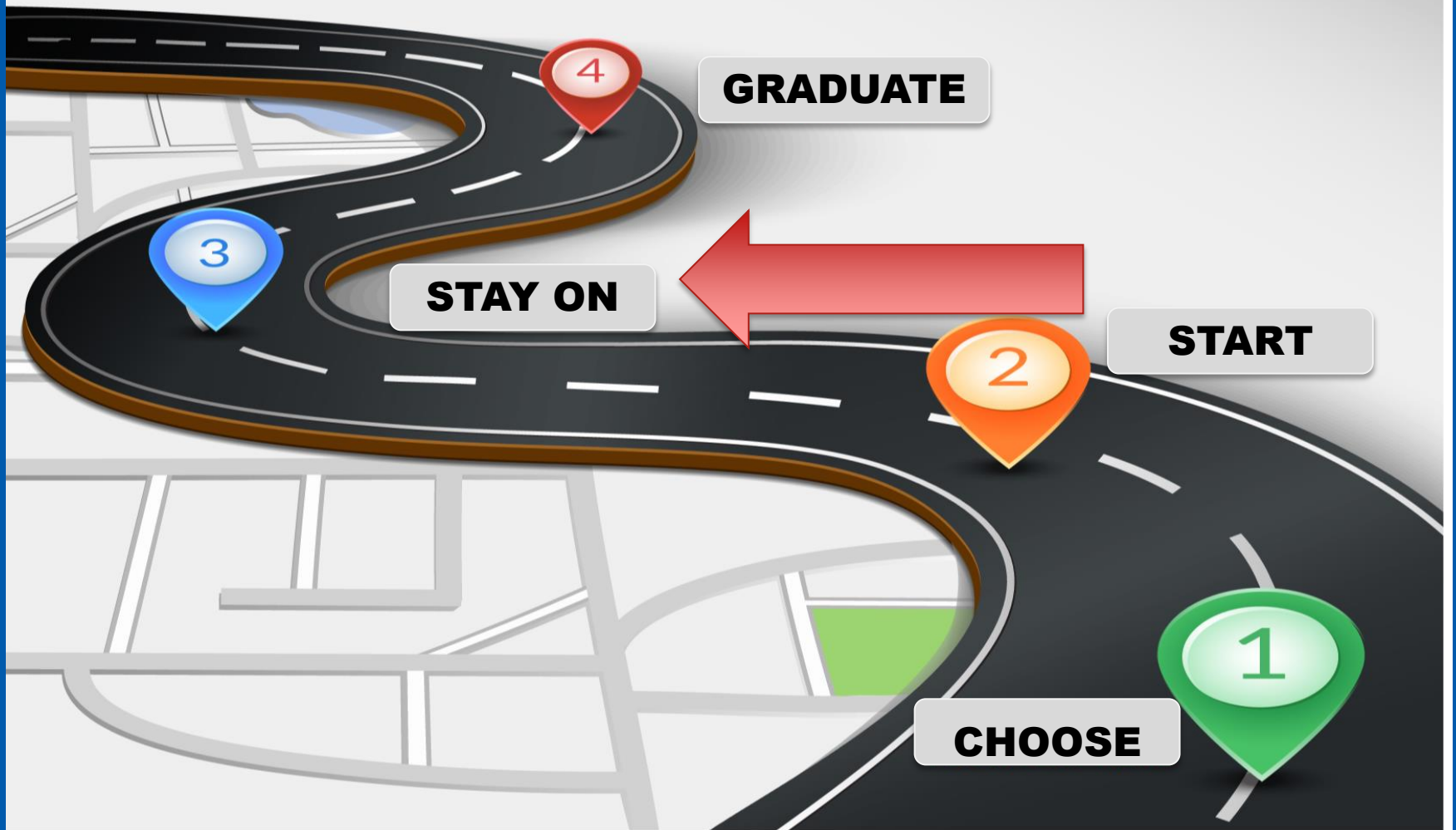


In the first year of enrollment, students who . . .

- Enter a Program of Study
- Complete Math and English Gateway Courses
- Complete 9 Program Credits
- Earn 30 Credits in First Year

. . . Are far more likely to graduate.

GPS Direct



Staying on the Path

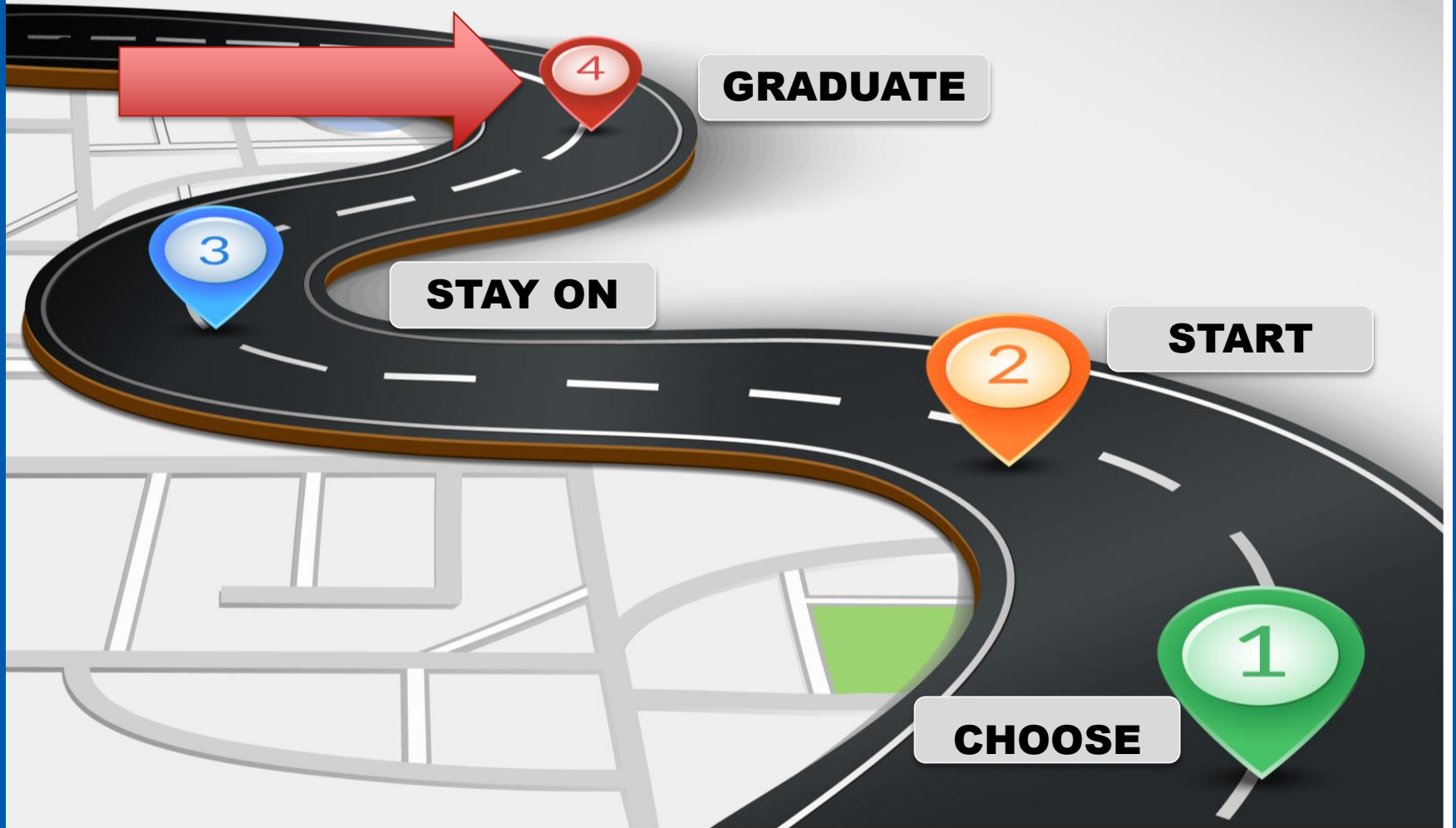


Staying on the Path: Proactive Advising

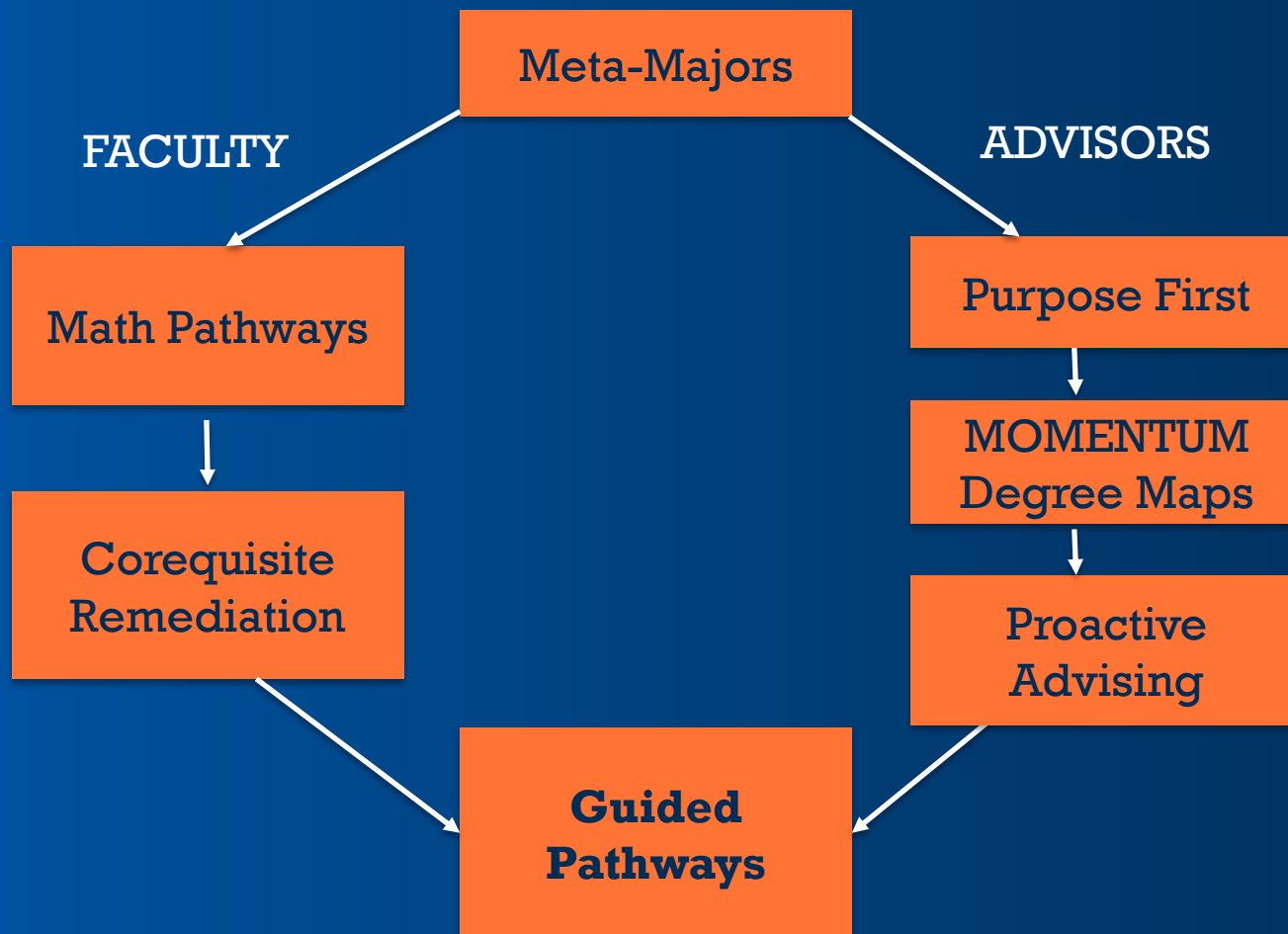
Students see their advisors if:

- **They fall off the pathway**
- **They are at risk of not succeeding**
- **They need special assistance or a customized pathway**

GPS Direct



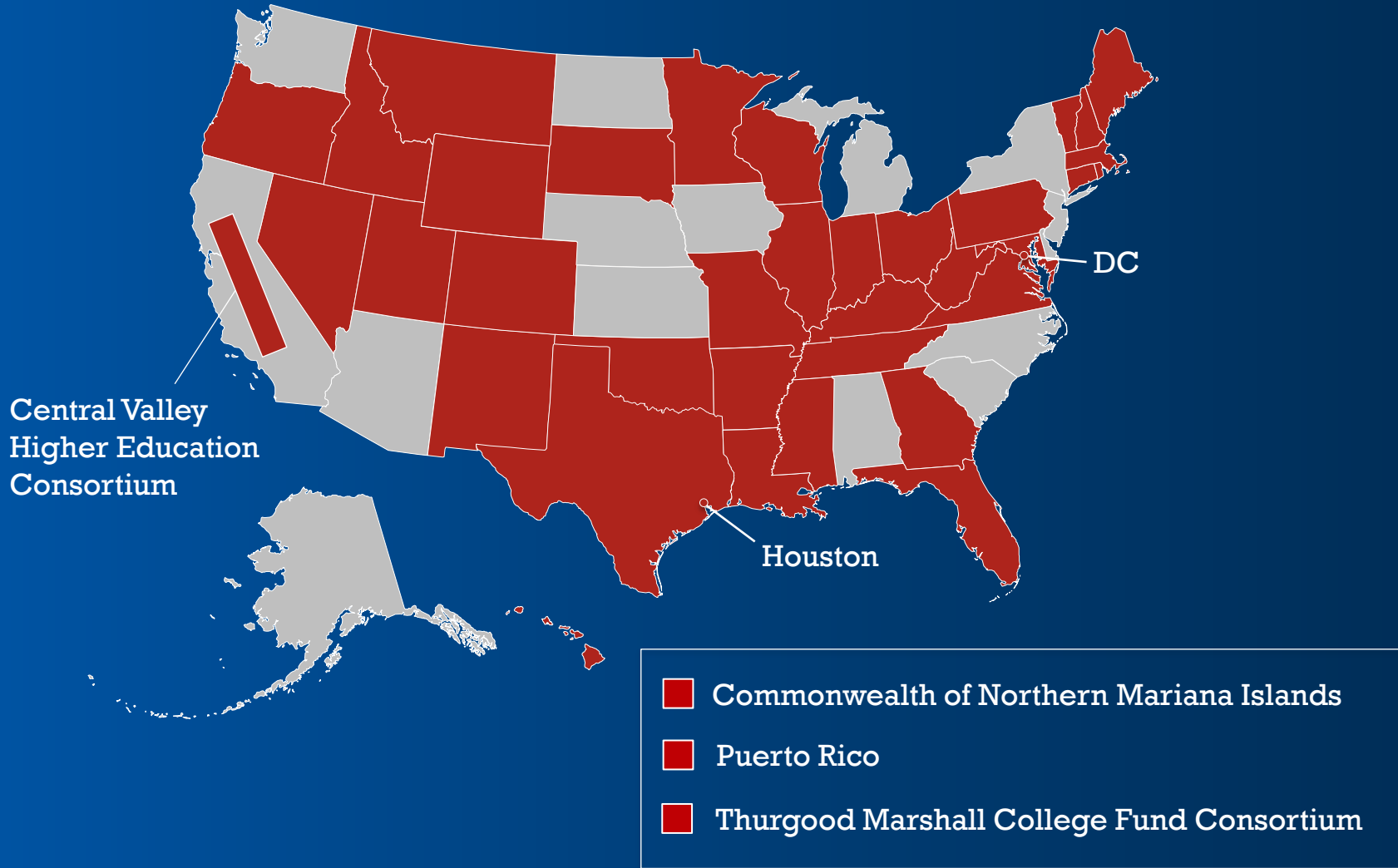
The Game Changer Sequence



Reimagining the Alliance

The Alliance

42



The Alliance: Where We've Been

Leverage: a state's governor – in partnership with its colleges and universities – pledges to make college completion a top priority and commits to the following three actions:

- **Set completion goals**
- **Collect and report common measures of progress**
- **Develop Action Plans and Move Key Policy Levers**

COMPLETE TO COMPETE

Full-Time

Part-Time[†]

Transfer[†]

State*

Institution

Context

- Enrollment
- Degrees per 100 FTE (No Disaggregates)

Completion

- Degrees Awarded
- Graduation Rates
- Transfer Rates
- Time to Degree and Credits to Degree*

Progress

- Enrollment in Remedial Math and English and Subsequent Success in Gateway Courses*
- Success in Gateway Math and English*
- Credit Accumulation*
- Retention and Persistence
- Course Completion* (No Disaggregates)

Race/Ethnicity

Gender


Age Band*

Remedial

Pell Status[†]

* Not In IPEDS

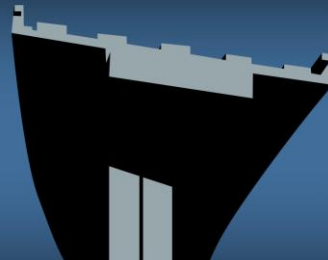
[†] Recently Added to IPEDS



TIME is the ENEMY

The surprising truth about why today's college students aren't graduating ... AND WHAT NEEDS TO CHANGE

COMPLETE COLLEGE AMERICA



REMEDICATION


Higher Education's Bridge to Nowhere

Remediation is a broken system. There's a better way — start many more students in college courses with just-in-time support.

COMPLETE COLLEGE AMERICA

The Game Changers

Are states implementing the best reforms to get more college graduates?

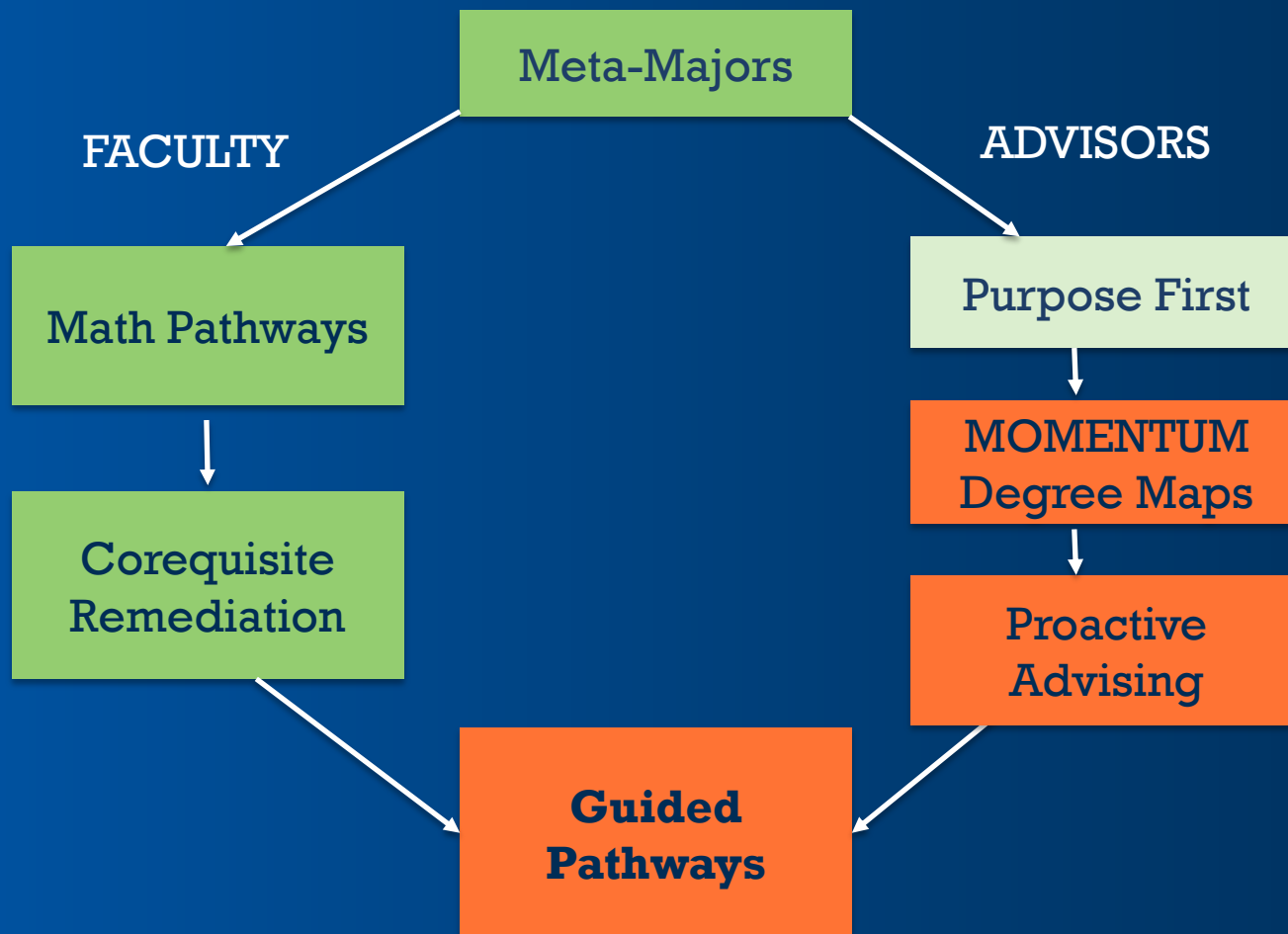


COMPLETE COLLEGE AMERICA

Creating conditions for change

- **Alliance Membership**
- **Common Completion Metrics**
- **State and System Policies**
- **Game Changers**

The Game Changer Sequence in Colorado



Success in Corequisite

TIME TO ENROLLMENT IN ENG100+, GENERAL TRANSFER (GT), AND ENG121

	Historic	State Redesign
Time to ENG 121	4809	5539
Zero Terms	4.70%	82.00%
One Term	46.10%	12.40%
Two Terms	16.30%	5.00%
Three Terms	13.80%	0.50%
Four or More Terms	19.20%	N/A
Time to First GT	6859	5024
Zero Terms	55.20%	74.70%
One Term	19.60%	18.20%
Two Terms	8.00%	6.50%
Three Terms	7.00%	0.60%
Four or More Terms	10.20%	N/A

TIME TO ENROLLMENT IN MAT 100+ COURSE

	<i>Historic</i>	<i>State Redesign</i>
<i>Time to MAT 100+ course</i>	1462	1900
Zero Term	1.0%	8.7%
One Term	28.2%	51.0%
Two Terms	13.7%	28.8%
Three Terms	18.5%	11.5%
Four Terms or More	38.5%	0%

Clear Math Pathways

Math Pathways Task Force Members

- Steve Aldrich, Adams State U
 - Dean Allison, UNC
 - Lynn Bennethum, UC Denver
 - Sandy Gilpin, Fort Lewis
 - Alexander Hulpke, CSU
 - Rick Miranda, CSU
 - Rick Ott, Colorado Mesa U
 - Shelly Ray Parsons, Aims CC

 - with technical assistance and support from The Charles A. Dana Center and Complete College America
- Dave Ruch, Metro State U
 - Casey Sacks, Colorado Community College System
 - Rob Tubbs, UC Boulder
 - Alexis Venter, Arapahoe CC
 - Frank Zizza, CSU-Pueblo
 - Ian Macgillivray, CDHE

 - <http://completecollege.org/>
 - <http://www.utdanacenter.org/higher-education/new-mathways-project/>

Mission

- Draft a public statement on the importance of better alignment of and advising into gateway math courses.
- Identify and suggest alternative gateway math courses, that are rigorous and of quality in content and competencies, and that are appropriately aligned with the math skills students need to succeed in their programs of study.
- Work with representatives from academic disciplines and advisors to review math requirements and consider alternative courses to college algebra for non-calculus based majors.

**Programs of Study
(meta-majors)
Aligned with Math and
Remedial Courses**

Colorado's New Developmental Education Policy

- **Clearly Articulates Program Pathways Related linked to Math Requirements**
 - Career and Technical Education
 - Arts and Humanities
 - Social and Behavioral Sciences
 - STEM, Business and Health Sciences

Informed Choice

Welcome to Launch My Career Colorado!

It can be hard to know which colleges—and which majors—might be right for you and your goals. LaunchMyCareer, made possible with support from USA Funds, helps you cut through the confusion and find programs of study that can lead to well-paying jobs and a good life. Click on one of the options below to get started, and find your best course

Please select an option below.

 What Major I Want

 What Job I Want

 What School I Want

 What Industry I Prefer

Provide Feedback

Reimagining the Alliance

THE CCA WAY

The Game Changers and Scaling Standards

Corequisite Remediation

Math Pathways

GPS Direct Purpose First

A Better Deal

The Alliance 15 to Finish

HIGHLY-STRUCTURED IMPLEMENTATION DESIGN

EQUITY: RACE, INCOME, AGE

METRICS AND EVIDENCE

POLICY

COMMUNICATIONS

Why is CCA making this change?

To bring together and empower champions of college completion to drive change at scale in your state.

Creating a Complete College State Team

Pull together your **Dream Team** for college completion!

Team members should be:

- Committed to college completion & closing achievement gaps!
- Leaders and change agents in their field.
- Well-positioned to strategize, drive, and support change at scale.
- Representative of a diverse group across the state and systems.

What does it mean to participate in the Complete College State Team?

Complete College State Team members will:

- **Commit to serve as a strategic partner to push forward your state's goals and initiatives related to college completion and closing achievement gaps.**
- **Asked to join quarterly conversations with your Complete College State Team.**
- **Be invited to attend two CCA events per year.**

Creating Clear Policy Recommendations



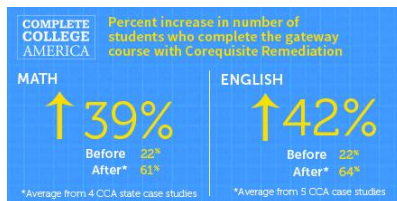
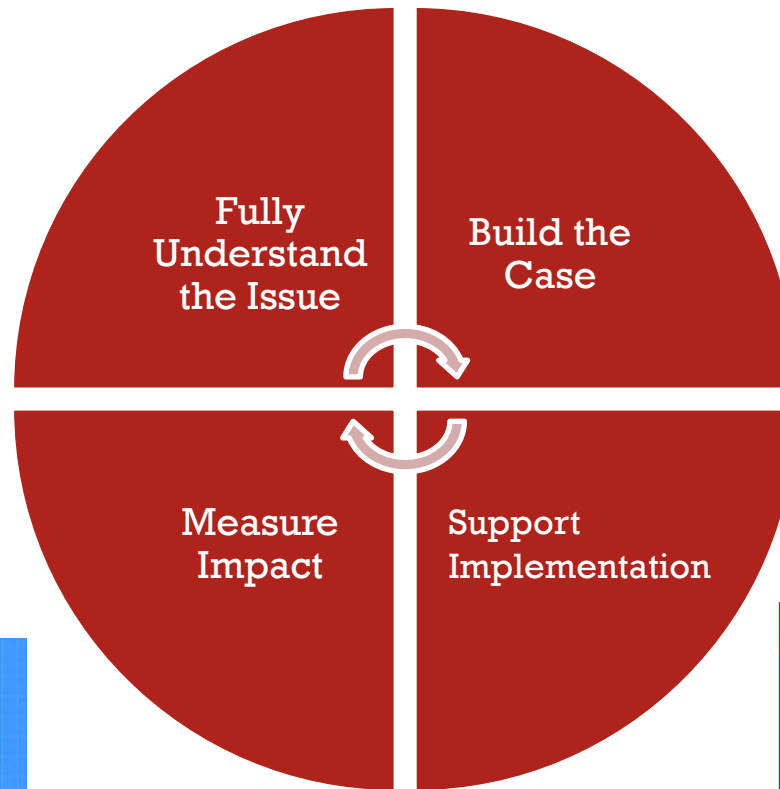
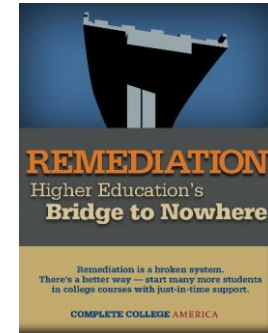
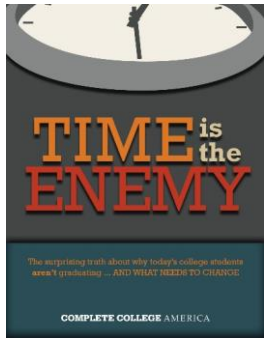
NEW RULES

**Policies To Strengthen and Scale
the Game Changers**

Using Data to Grow and Measure Impact

Impact of Our Metrics on Our Work

The CCA WAY

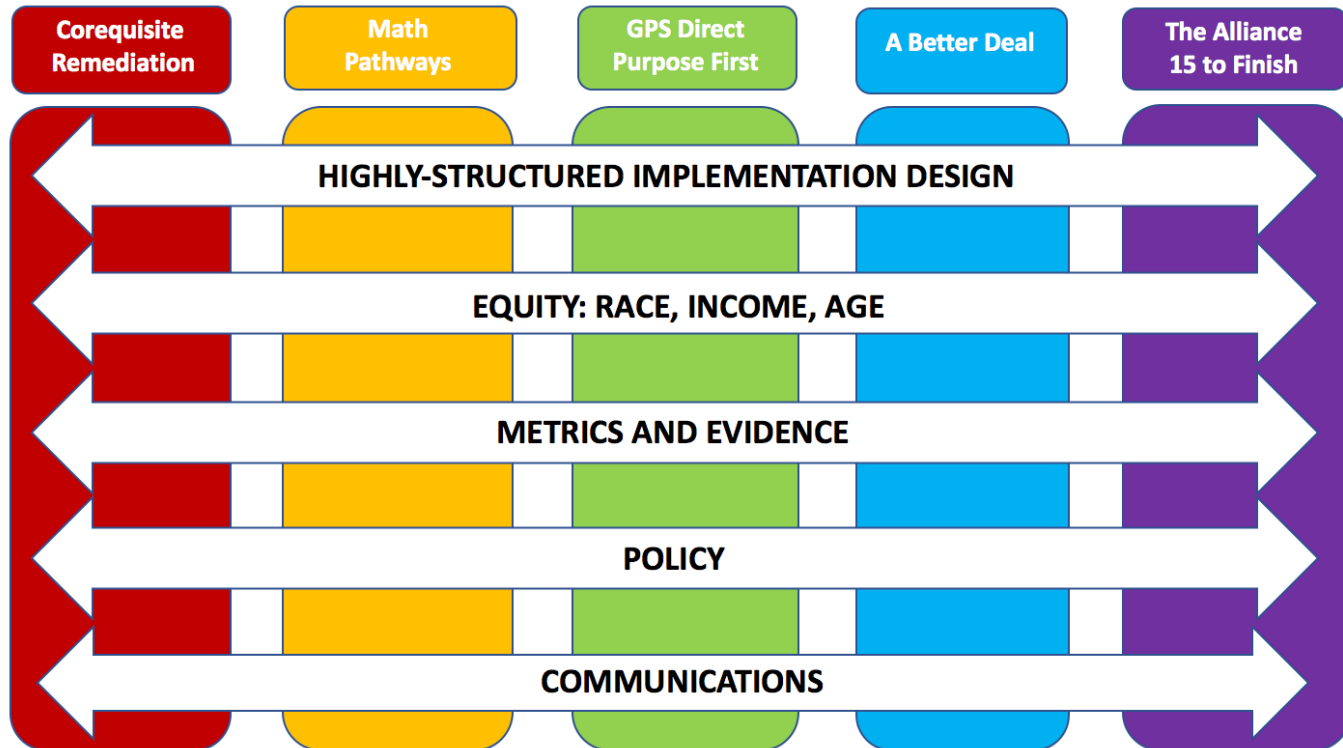


Formalizing Implementation

Implementation at Scale

THE CCA WAY

The Game Changers and Scaling Standards



**COMPLETE
COLLEGE
AMERICA**

We're here to
help!

**COMPLETE
COLLEGE
AMERICA**

Questions?