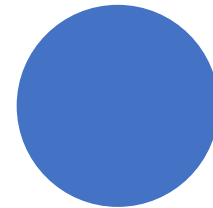# About Metamajors

CCCApply Conference

Costa Mesa, CA

March 28, 2018

Craig Hayward, PhD

- Metamajors are collections of degrees and certificates that have related courses.

- Metamajors help students choose a program of study based on their interests, knowledge, skills and abilities.

- The intent is to guide students to timely graduation
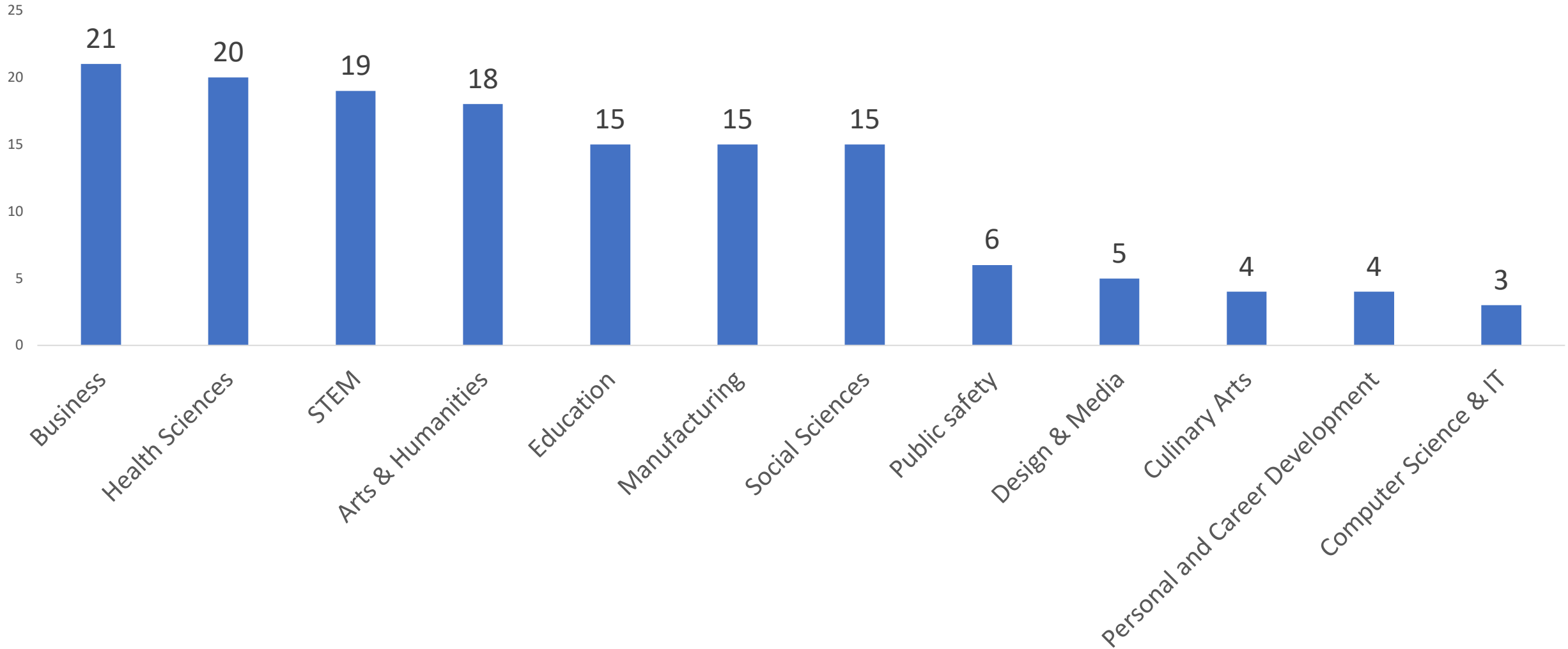
What are metamajors?

How are metamajors structured?

- While other states have had their metamajors legislated (e.g., Florida), in California metamajor design is a faculty-centric, iterative process.
- My analysis of 22 colleges around the country that have implemented metamajors found that:
  - The minimum number of metamajors was 5, the maximum was 13
  - The median number of metamajors was 8
  - "Business" was in 21 of 22 colleges
  - Only six CCCs had public information about their metamajor structure

Common metamajors

Most common metamajors

Learning and Career Pathways

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

Health Sciences

Health Sciences programs study human biology, medical care, and support to help keep people healthy and offer assistance in emergencies. They may be employed by private business, government, or work independently.

EXPLORE →

Business

Business programs study finance and management to help businesses and offices function smoothly and plan for the future. They may be employed by private business, government, or work independently.

EXPLORE →

Agriculture, Nutrition, & Culinary Arts

Agriculture, Nutrition, & Culinary Arts programs scientifically study plants, animals and food preparation to help us be healthy and food secure. They may be employed by private businesses, government, of work independently.

EXPLORE →

Science, Technology, Engineering, & Math

STEM programs scientifically study ourselves and the physical world to help us produce medicines, buildings, and other technologies that improve our lives.

EXPLORE →

Public Safety

Public Safety programs study the legalities that protect us to help keep us safe today and plan for our future.

EXPLORE →

Social & Behavioral Sciences

Social & Behavioral Sciences programs study people to help solve social issues, improve quality of life, and plan for our future. Graduates may be self-employed, or employed by private businesses or the government.

EXPLORE →

Industrial & Transportation Technology

Industrial and Transportation Technology programs study drafting, mechanics, and construction to help build homes, businesses, and cars, and keep them all functioning. They may be employed by private business, government, or work independently.

EXPLORE →

Education

Education programs study children and learning to help teachers be able to work with a diverse student population. They may be employed by private business, government, or work independently.

EXPLORE →

What can you do?

1

Curate your list of programs that are available in CCCApply

- BC cut the number of programs in half, mostly by eliminating confusing references to GE pattern variants

2

Tag your students so that you know their program of study – "major" is not specific enough for guided pathways work!

3

Associate each program with just one metamajor

Demo of the Program Pathways Mapper

- https://bakersfieldcollege.content.programmapper.ws/academics

Course Map

This program map represents one possible pathway through the program.

With Transfer To:
California State University System ▾

Time to Completion:
2 years ▾

Map View ◉ List View

1ST TERM

BIOL B3A CORE
5.0 Units
General Biology I

CHEM B1A CORE
5.0 Units
General Chemistry I

MATH B6A CORE
4.0 Units
Analytic Geometry/Calculus I

Arts GEN
3.0 Units
Choose a course

2ND TERM

PHYS B4A CORE
4.0 Units
Mechanics and Wave Motion

CHEM B1B CORE
5.0 Units
General Chemistry and Chemical Analysis

MATH B6B CORE
4.0 Units
Analytic Geometry/Calculus II

ENGL B1A GEN
3.0 Units
Expository Composition

3RD TERM

BIOL B3B CORE
5.0 Units
General Biology II

PHYS B4B or PHYS B2B CORE
4.0 Units
Choose a course

American Institutions History GEN
3.0 Units
Choose a course

Critical Thinking GEN
4.0 Units
Choose a course

4TH TERM

Oral Communication GEN
3.0 Units
Choose a course

Social Sciences GEN
3.0 Units
Choose a course from Area D

Humanities GEN
3.0 Units
Choose a course

Language other than English GEN
4.0 Units
Choose a course