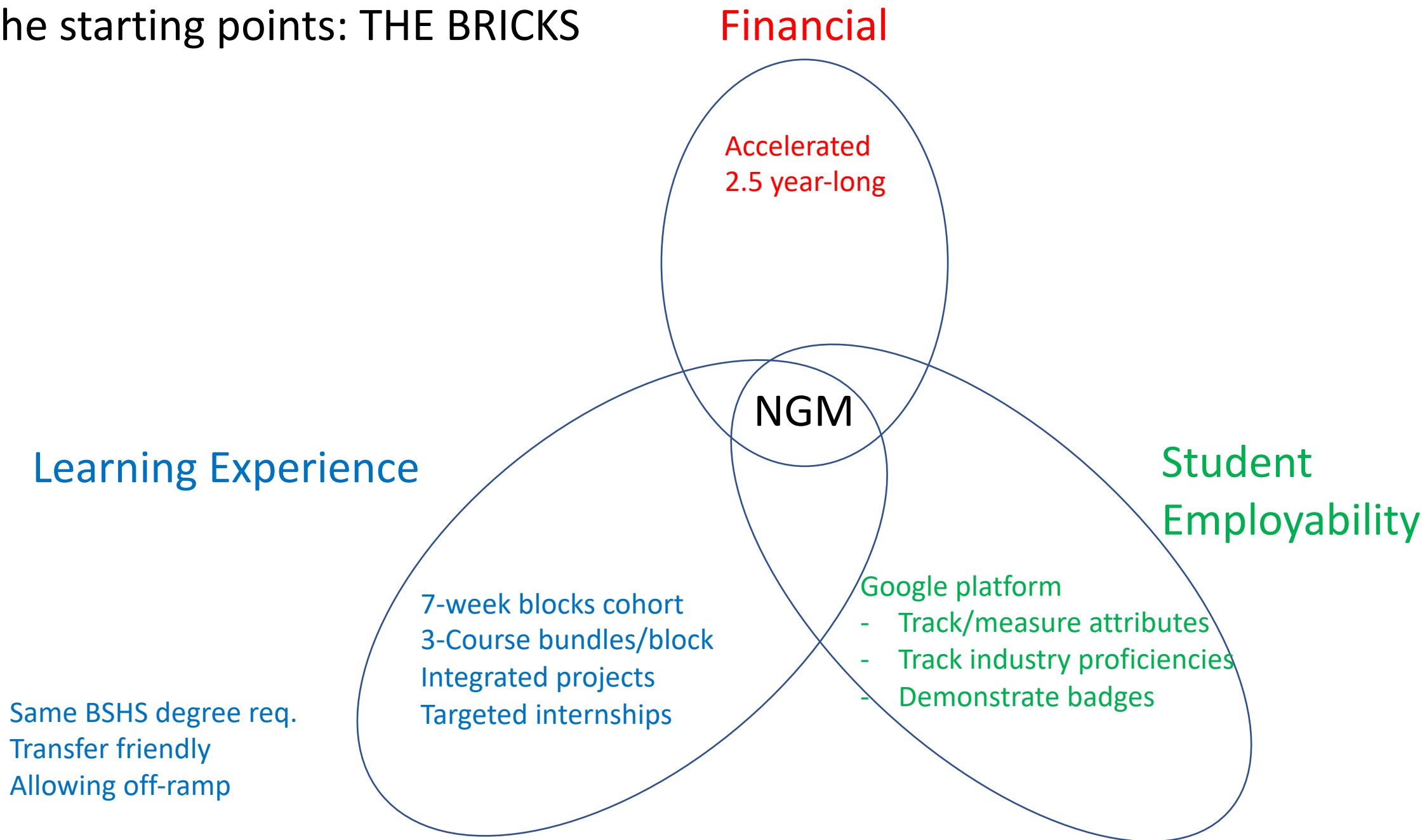


Quick, surface-level overview – June 16th 2021

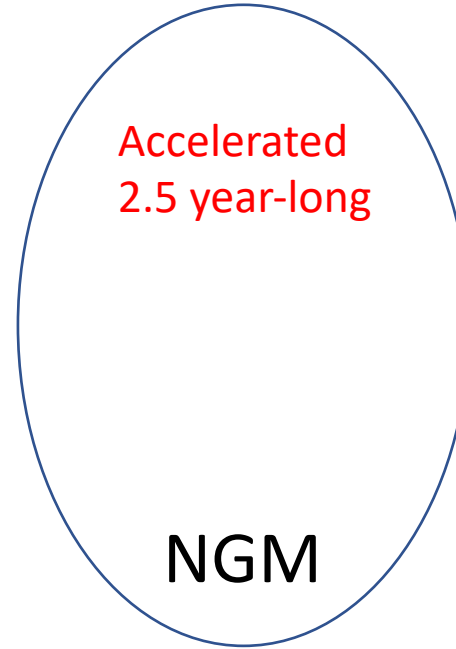
The Core Design Team of Next Gen Med



The starting points: THE BRICKS

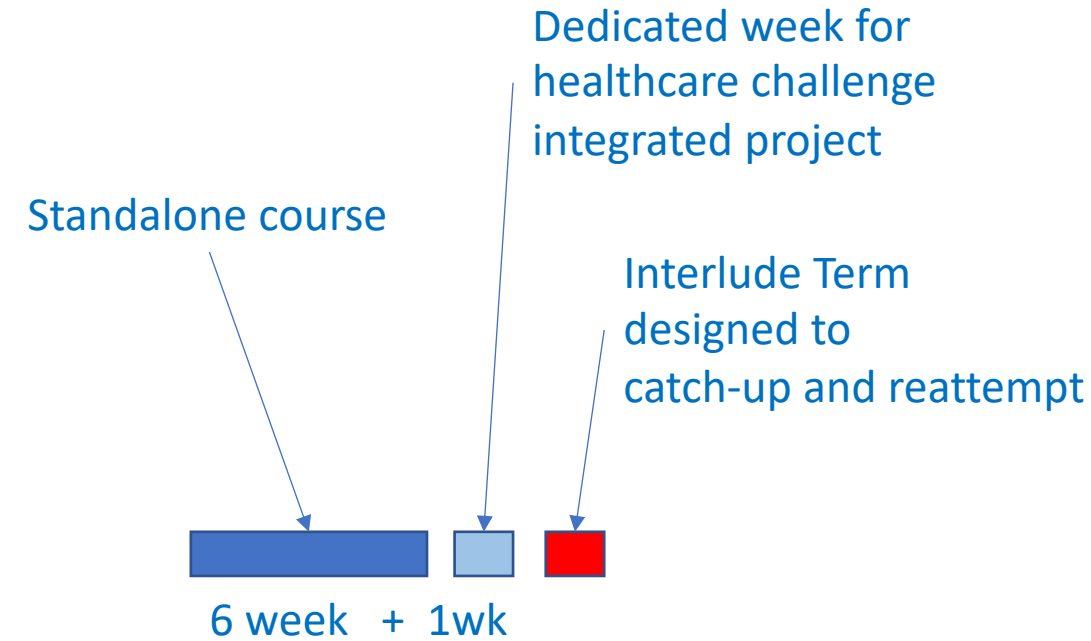
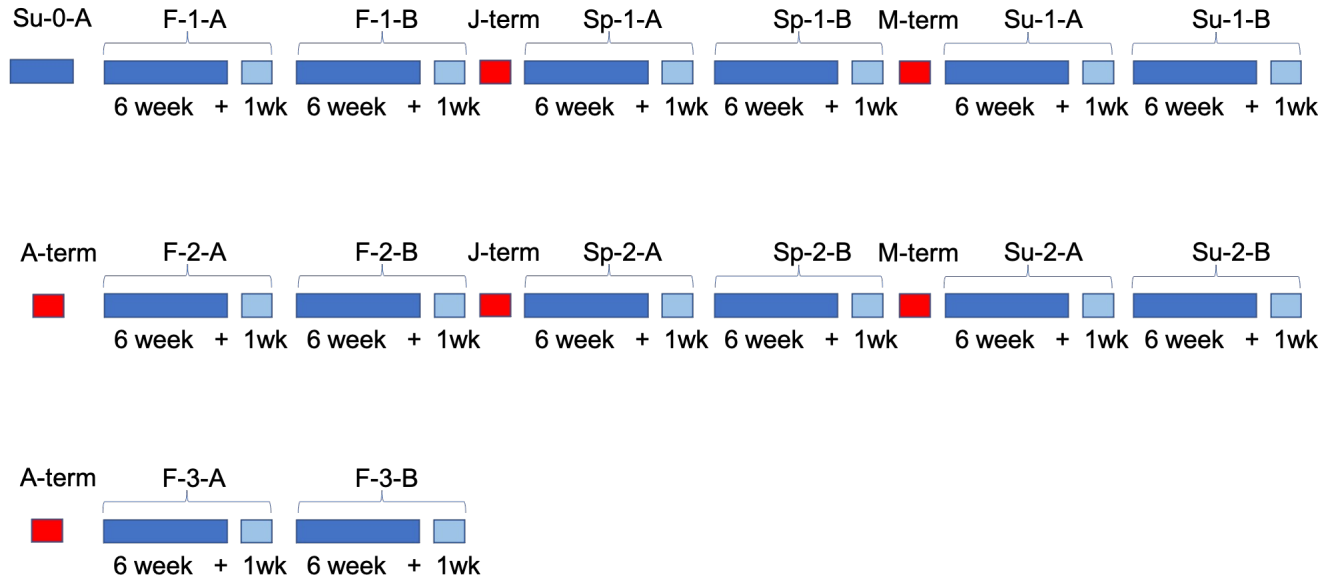


Financial



We recommend

- Paid/Sponsored internships
- Employment alignment/"guaranteed"



NGM

7-week blocks cohort
3-Course bundles/block
Integrated projects
Targeted internships

Same BSHS degree req.
Transfer friendly
Allowing off-ramp

Course Bundle:

- CHEM1331 (first half)
- MATH3721 (Data science)
- PUBH3561 (Env Health)

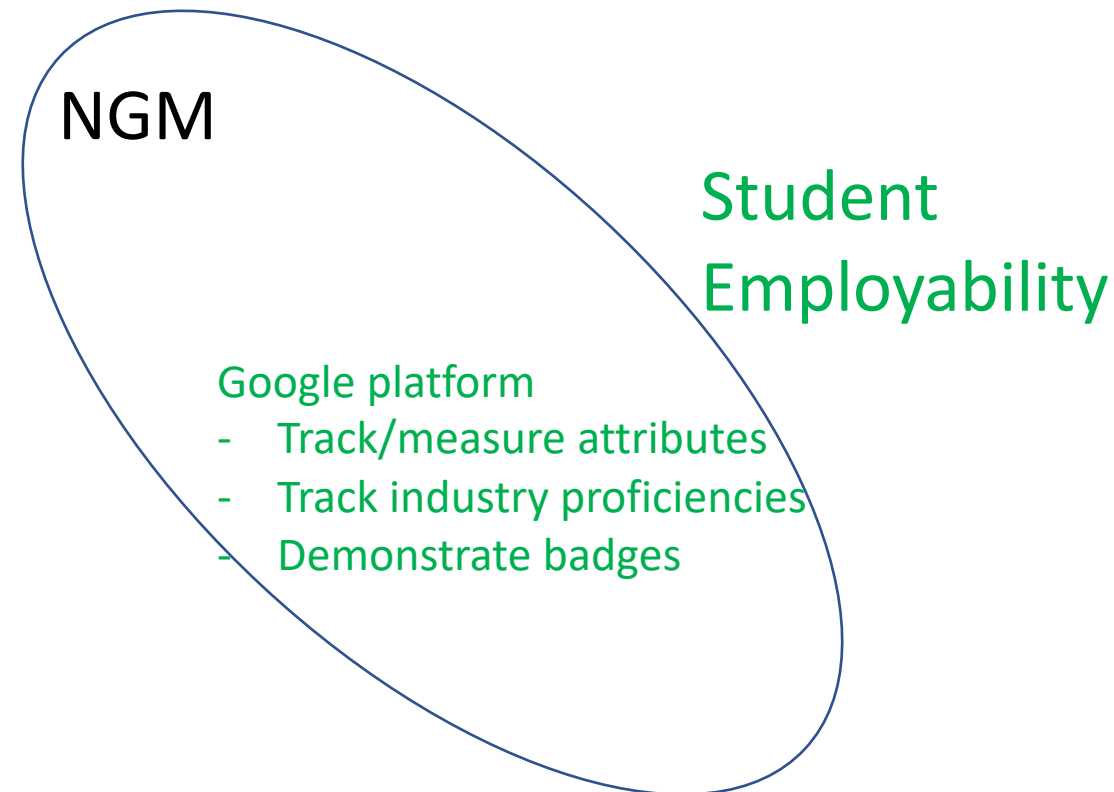
Health Care Challenge Project

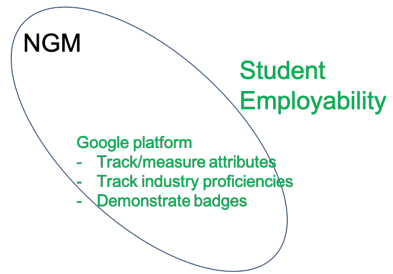
Rubric
→ Attribute 1
→ Attribute 2
→ Proficiency 1

Students often care about their grade and GPA

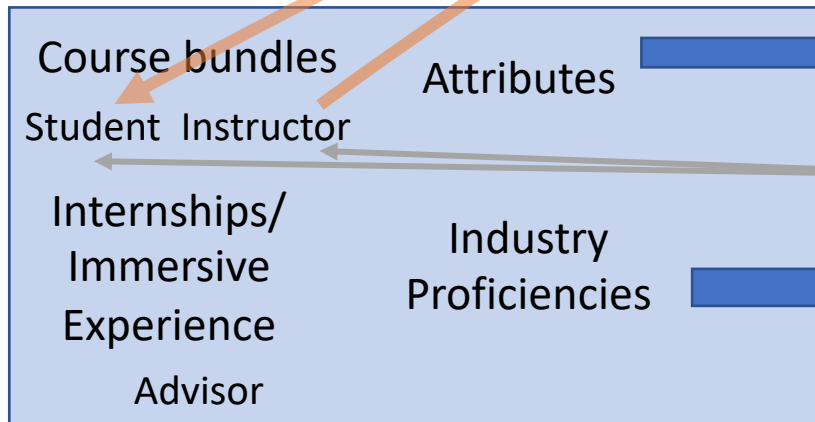
Badges and Attributes would allow students to identify and own their learning experience

Show to potential employers and internship mentors their learning





In Canvas



Courses

Attributes

Industry
Proficiencies

Google Platform

Nudges

Badge_a

Badge_{IP}

Badge_E

Student Curated Report

Badge Report
(Includes access
to artifacts,
reflections,
narratives and
feedback &
Transcript)

Engagement Opportunities

External Attributes:

Github, went to a conference
Read a book, completed X,
Civic engagement, volunteering
Got X hours of sleep, Exercised

Export as/to:

PDF

HTML/
Website
(including
professional
websites)

CV

Cloud

Attributes

Collaboration

Critical Thinking

Communication

- Verbal, Written, Visual

Intercultural Competence

Global Vision

Self Reflection

Problem Solving

Industry Proficiencies

Human Centered Design

Emerging Technology

Entrepreneurship

Data Analysis

Project Management

Personal and Interpersonal

Creativity

Compassion

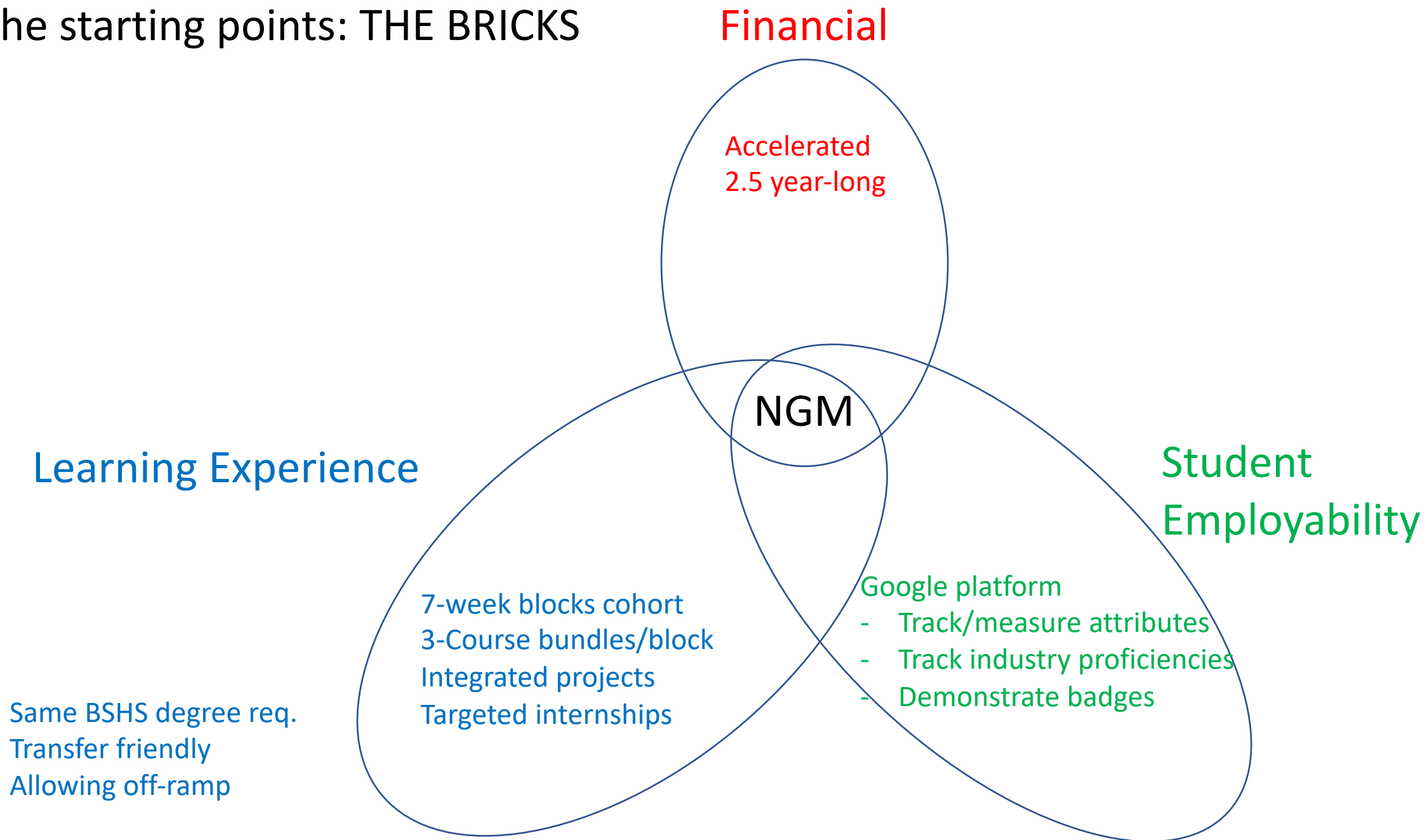
Curiosity

Sense of Community

Gold Standard Habits

- Skills that prevent burnout and help accomplish goals

The starting points: THE BRICKS




Because of the design of this degree...

- Students should be workforce ready
 - There is no time for students to have the patient hours typically required in patient care
 - A pre-med cohort would lose too many students along the way and thin the cohort
-
- Students who see this as a way to speed up their degree by transferring a lot of credits would be missing the badges and employment alignment, so they should be coached to not be in this project.

On June 7th the Chancellor gave “the bricks” to the Core Design Team

- Accelerated program: 2.5 years (including summers)
- 7-week blocks of 3-course bundles
- Interdisciplinary “health science challenges”
- Cohort of students kept throughout (no choice)
- Same degree BSHS requirements
- Not necessarily a fully online program. Same LMS (Canvas)
- Focus on proficiencies tracked by the Google Platform
- Several internships and mentorships at private sector
- Industry-ready at graduation



These bricks
lead to:

During 2-weeks “Design sprint” in June, the CDT worked on how to build a curriculum using “the bricks”

What careers is this program preparing students for?

- Avoid highly “pre-reqed” courses to keep the cohort → No patient care or lab science careers
- The curriculum must fit with all different students’ career interests. Specialization in internships
- Identified attributes lead to a data-rich problem-solving in health science

Pedagogical model

- Use a 6+1week model to allow different levels of integration in each bundle
- Student transferring many credits would miss the integration opportunities
- There must be 2nd chances (j-terms) and “off-ramp” opportunities

Logistical

- Identify the attributes and mechanisms to measure and monitor throughout the degree
- Address the financial, mental health, and academic aspects of an accelerated program.

NGM Timeline until today

On June 7th the Chancellor gave “the bricks” to the Core Design Team

- Accelerated program: 2.5 years
- 7-week blocks of 3-course bundles
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- Student transferring many credits would miss the integration opportunities
- There must be 2nd chances and “off-ramp” opportunities

Logistical

- Measuring and monitoring attributes throughout the degree
- Address the financial and academic aspects of an accelerated program.