# Design & Technology Education: What can we do to Influence Transdisciplinary Undergraduate Learning?

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# WHAT ARE WE DOING?

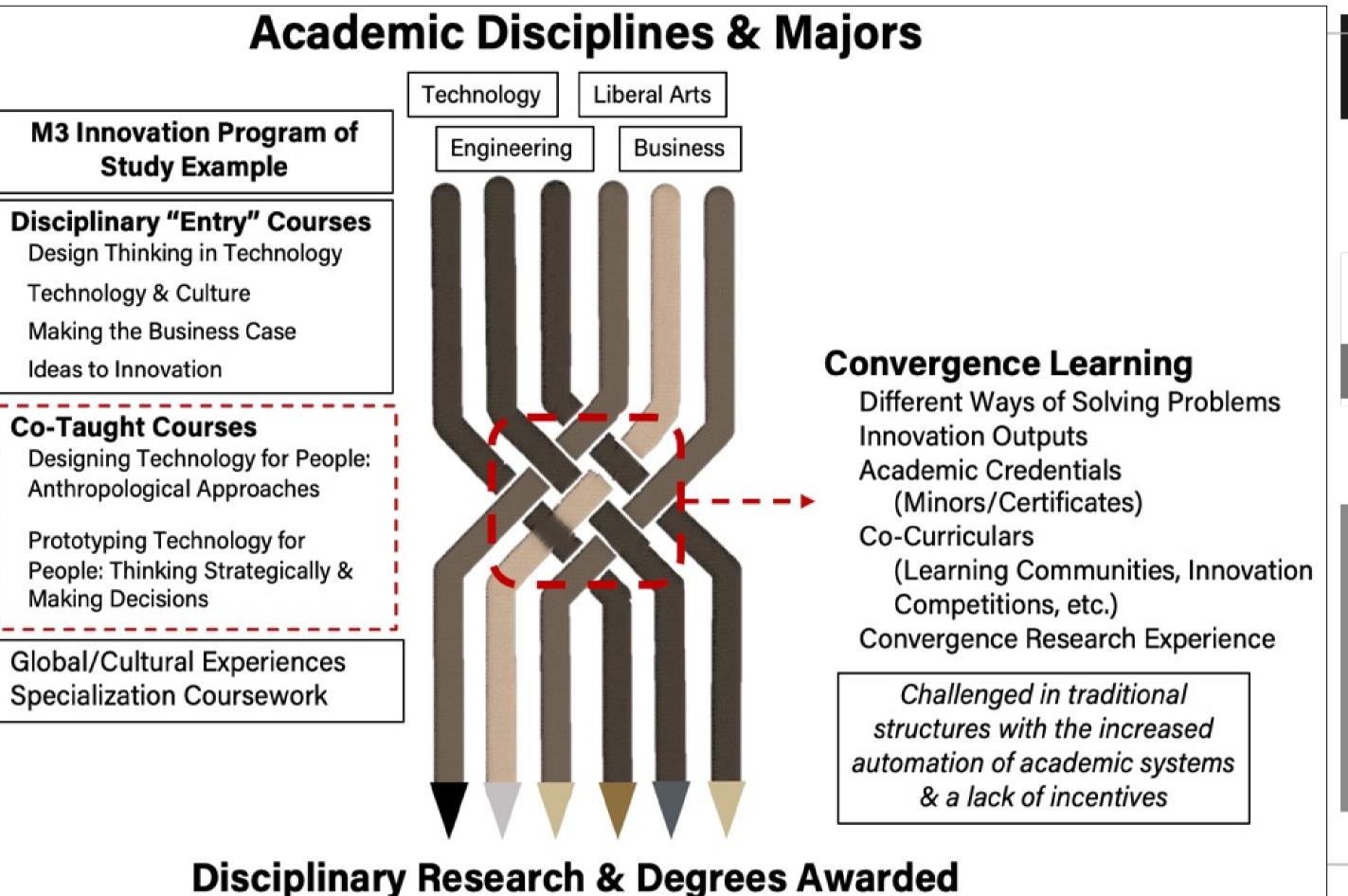


# WANT TO LEARN MORE?

Creating new ways to position Design and Technology (DT) teacher preparation programs in higher education can be considered critical today. For example, in the United States, the few remaining DT-related teacher programs can be in jeopardy of supporting the school subject as a result of teaching workforce declines. But, while some may view that DT programs are no longer relevant in parts of the world today, there can be an opportunity to leverage and make pertinent DT content/practices beyond teacher preparation. New DT approaches can be important to consider, not only to just sustain the remaining programs, but to also create new educational experiences that provide valuable skills/knowledge to a broader audience. In doing so, teacher programs can deliver DT experiences across college campuses that many students may no longer have access to in secondary schools—due to the aforementioned teacher workforce concerns. These DT learning experiences can involve the content/practices related to designing/making/innovating as well as the pedagogical approaches that support transdisciplinary learning. With a variety of educational transformation initiatives happening at universities, DT programs can help shape the way that undergraduate learning occurs. The Mission Meaning Making (M3) program is one example to reach new audiences while also sustaining programs that develop

teachers.

#### WHAT HAVE WE LEARNED?



# The Design & Innovation Minor amplifies your major so you can create your very own innovations! The program provides a flexible pathway to: Here's one pathway for you: Design Thinking & Ideation . TECH 33000 - Technology And The Global Society Coding & Digital Prototypin

**Your Pathway to Innovation** 

# WHAT CAN HAPPEN?



# **Approaches & Insights Toward:**

Filling the Design & Tech Gap **Democratizing Innovation** Reaching New Audiences Sustaining D&T Programs Establishing Shared Practice & Discourse

Value of higher Education? Moving Beyond the Class Projects