

MIT Stephen A. Schwarzman College of Computing Launch February 27, 2019

The Illinois CS+X Programs

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(**Former role.

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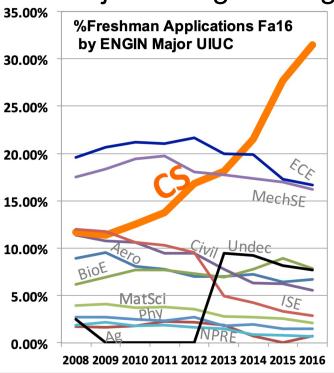




Everybody Starts With This CS Landscape....



 This is this Illinois CS major in Engineering

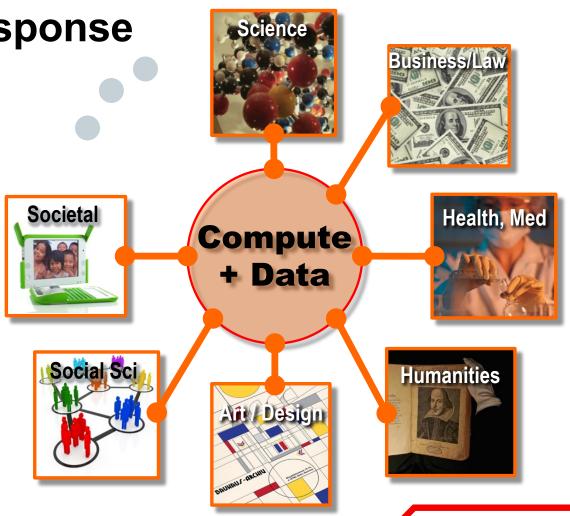




CS+X is a Novel Response

- Yes, go **DEEP**....
 - More classes, faculty, etc

- But also go WIDE
 - Partner with non-CS dept's
 - Build a different class of cross-educated students

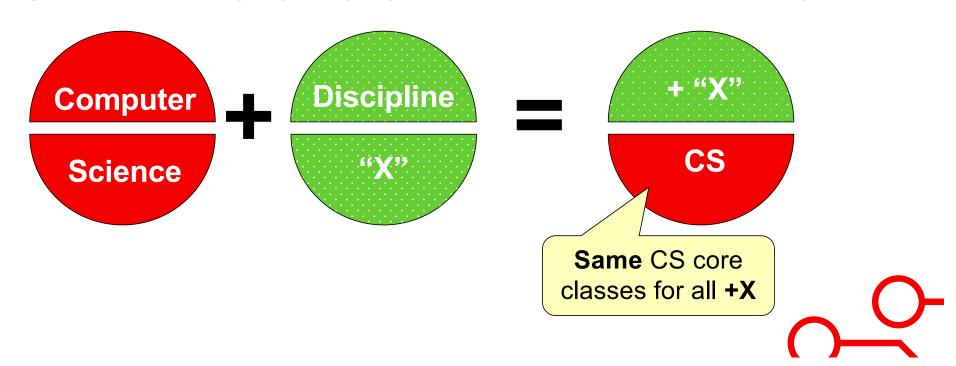




Illinois CS+ Degrees

They are not: Minor in CS/X. Dual degree.

• They are: CS(1/2) + X(1/2)= Bachelors in CS+X, owned by Dept X



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Illinois CS+X: Starting Portfolio

CS+Math







Legacy degrees, decades old

CS+Anthropology



CS+Chemistry



CS+Astronomy



CS+Linguistics



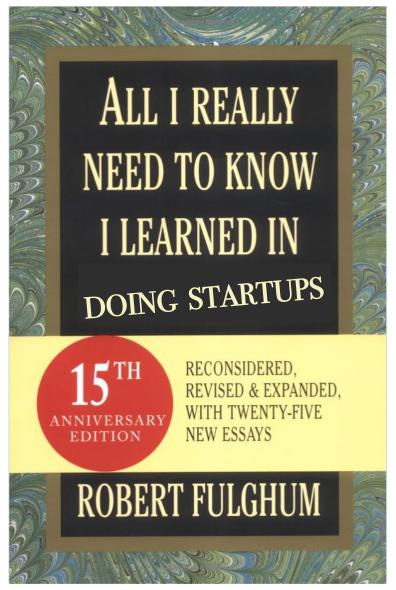
Design started in 2010, approved 2013, admits 2014



First grads 2018

UIUC CS+X: Design Principles

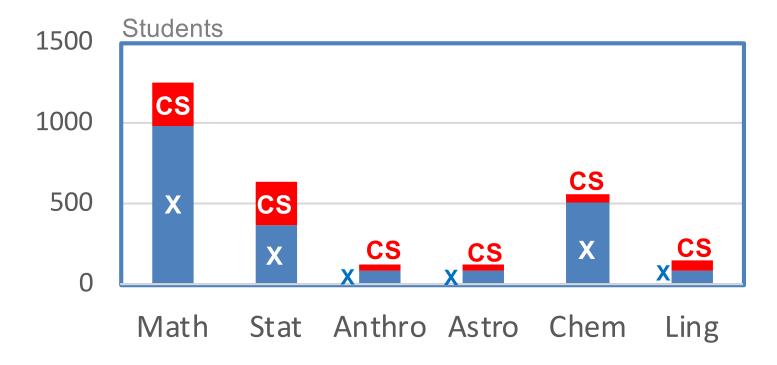
- Time-To-Market matters
 - Optimize to get approvals fast
- Minimum viable degree
 - CS core courses for all X's = same
- First pitch: Just like Sand Hill Road
 - Value prop, team, \$\$, etc: 15 mins
- Need "early adopter" customers
 - Partner X's & faculty inside X
- Need a business model early
 - CS+X is like ENG: Tuition differential





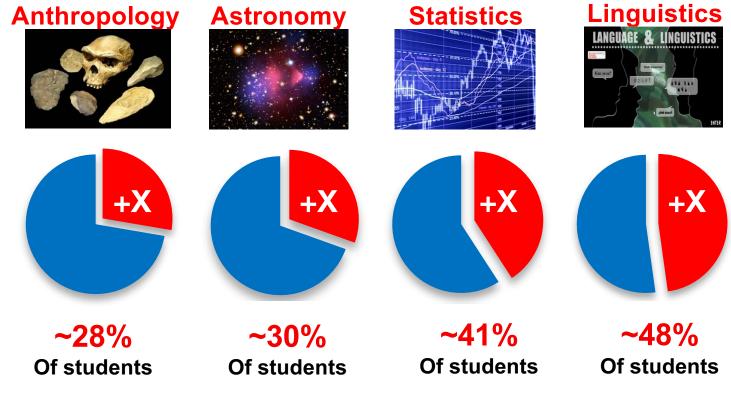
Illinois CS+X: Enrollment

- CS+X students are a serious part of many Illinois depts today
- But absolute numbers is not the full story...



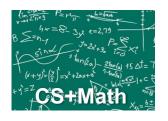


Illinois CS+X: Traction





Today: Rapid Expansion of +Xs at Illinois































RUNNING

STARTING