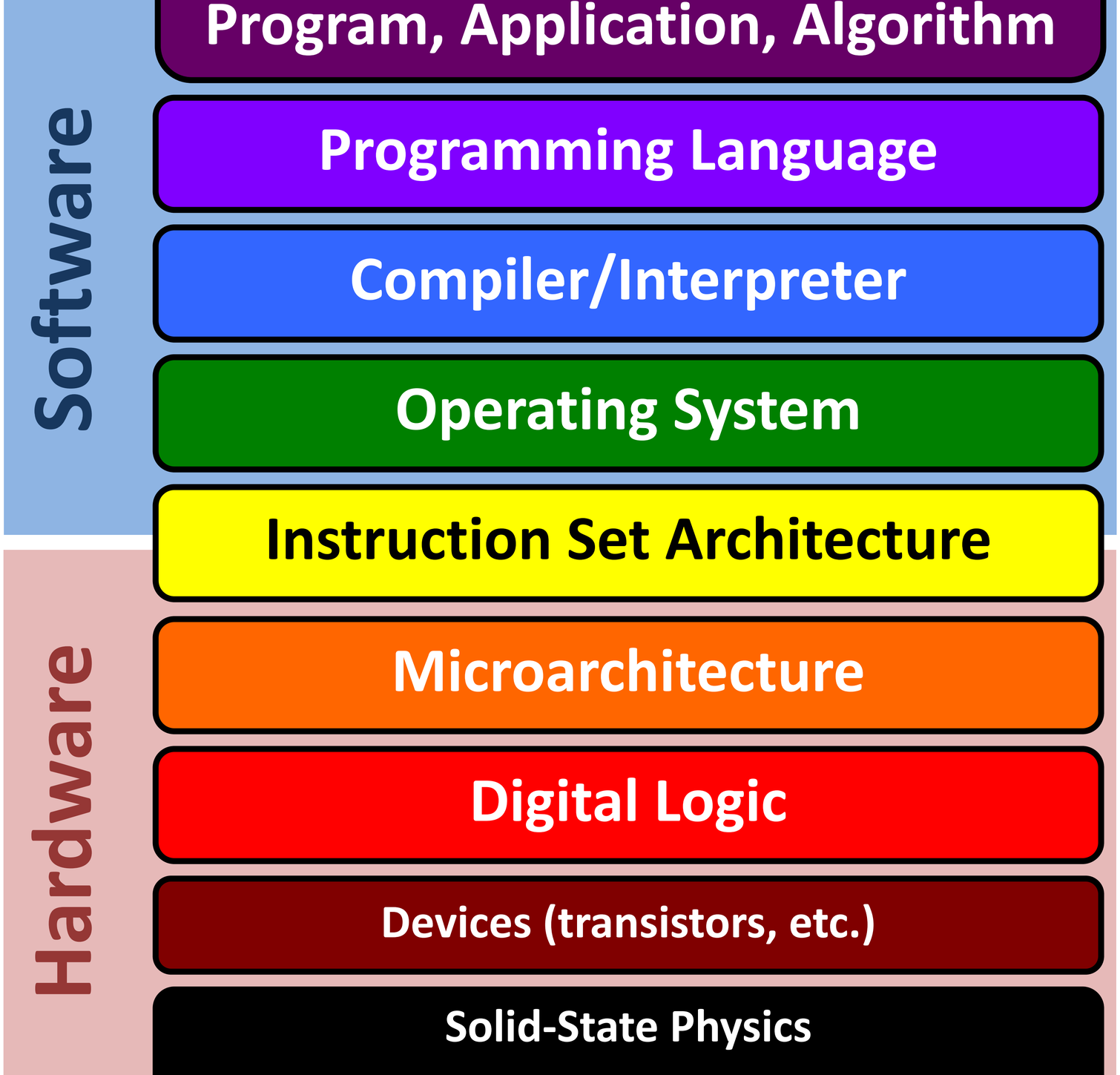
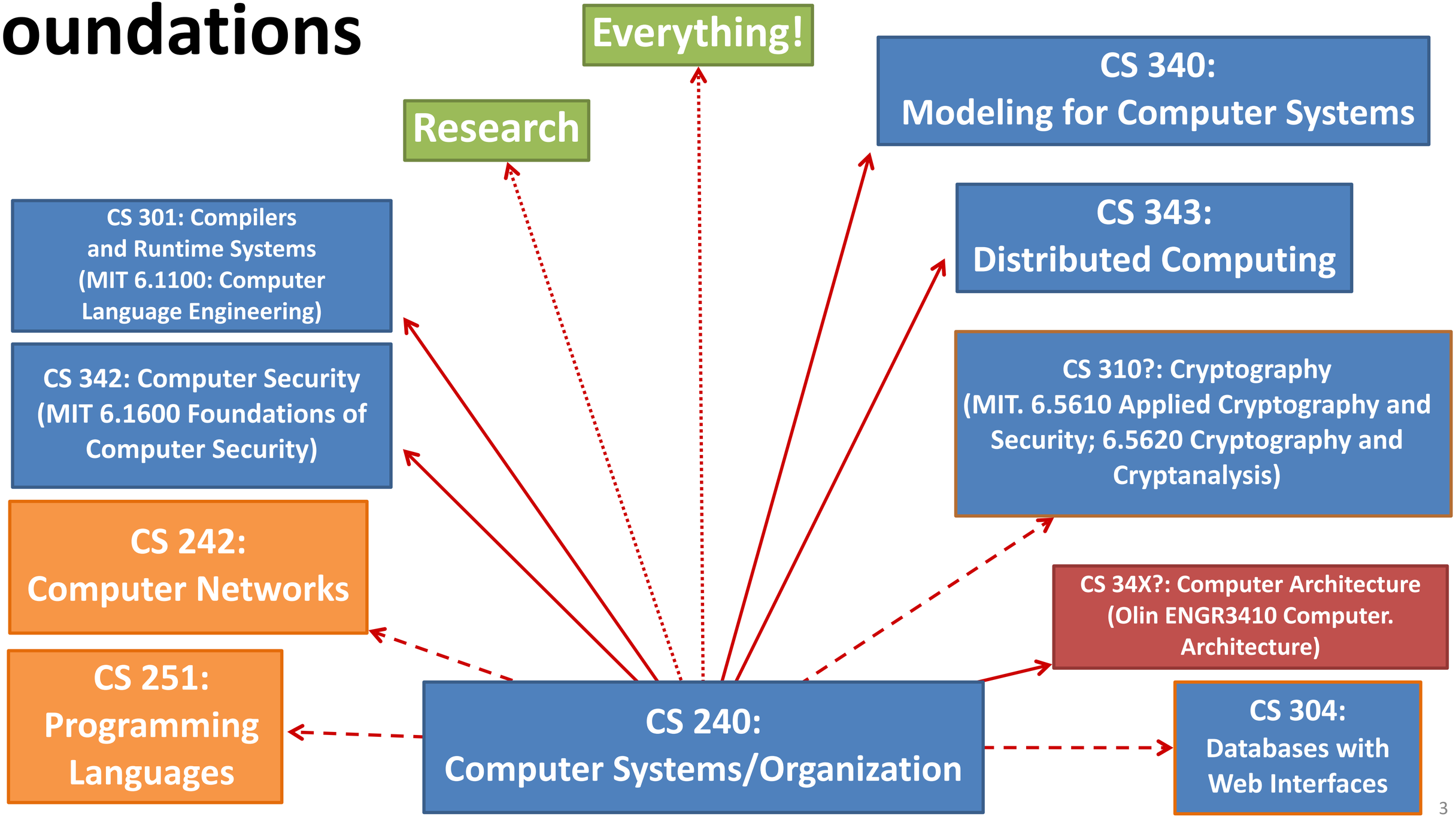
Beyond CS240

Think about how much more you know about ***how computer work*** compared to the start of the semester!



Foundations



Big Ideas in CS, Systems, and beyond

Abstraction

Abstraction is beautiful and empowering,
but real abstractions have leaks and wrinkles.

Representation

Representations have costs
but allow us to build useful things.

Translation

Between layers of abstraction.
Structured computation.

Performance

Memory: clever, imperfect abstraction.
Tiny code changes, huge impact.

Security + Reliability

Trickiest exploits & errors
involve multiple layers, even hardware!

These things matter more every day.

Thank you for thinking and learning with me this semester!