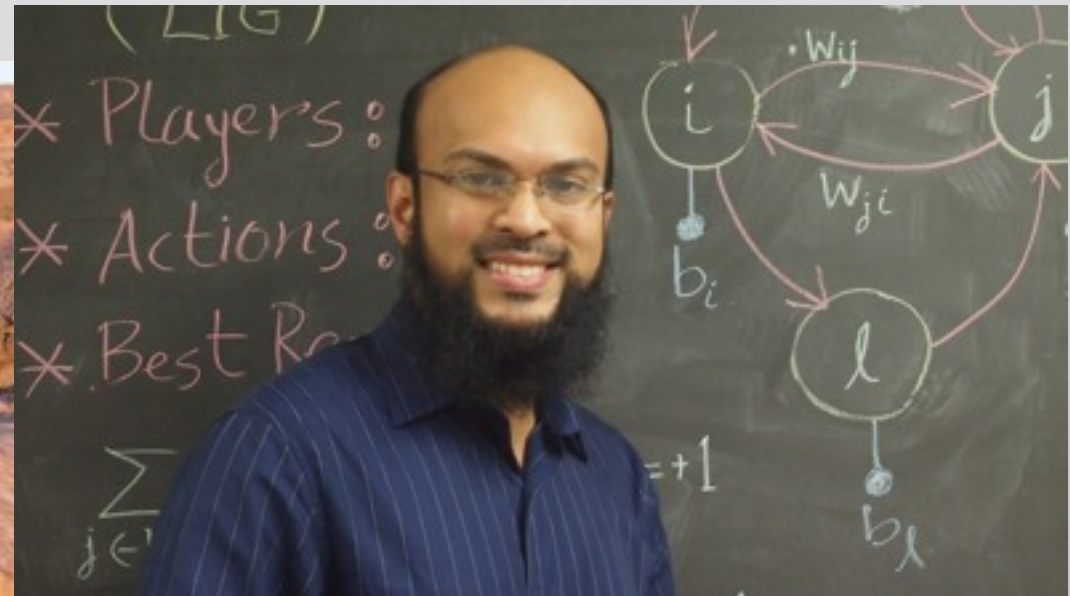
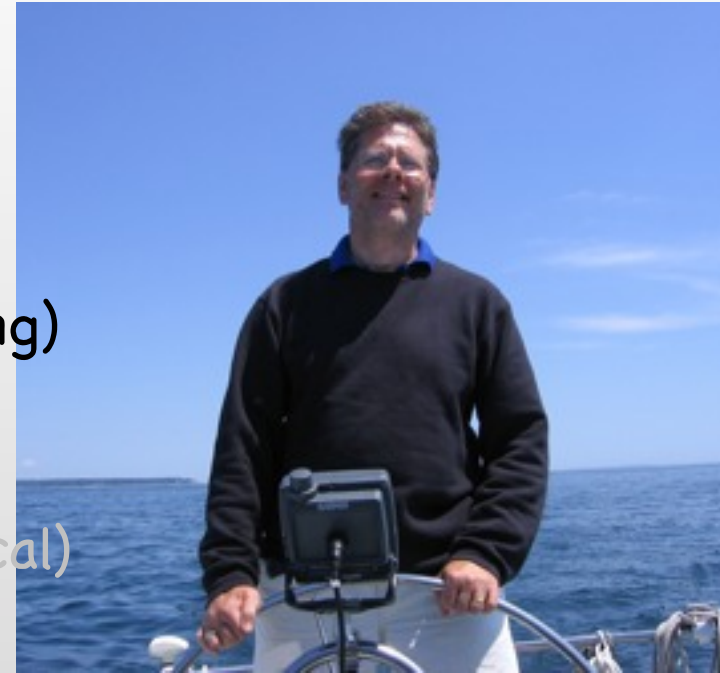


Department of Computer Science

The Department



- Eric Chown
- Mohammad Irfan (visiting)
- Stephen Majercik
- Laura Toma
- Daniela Oliveira (sabbatical)

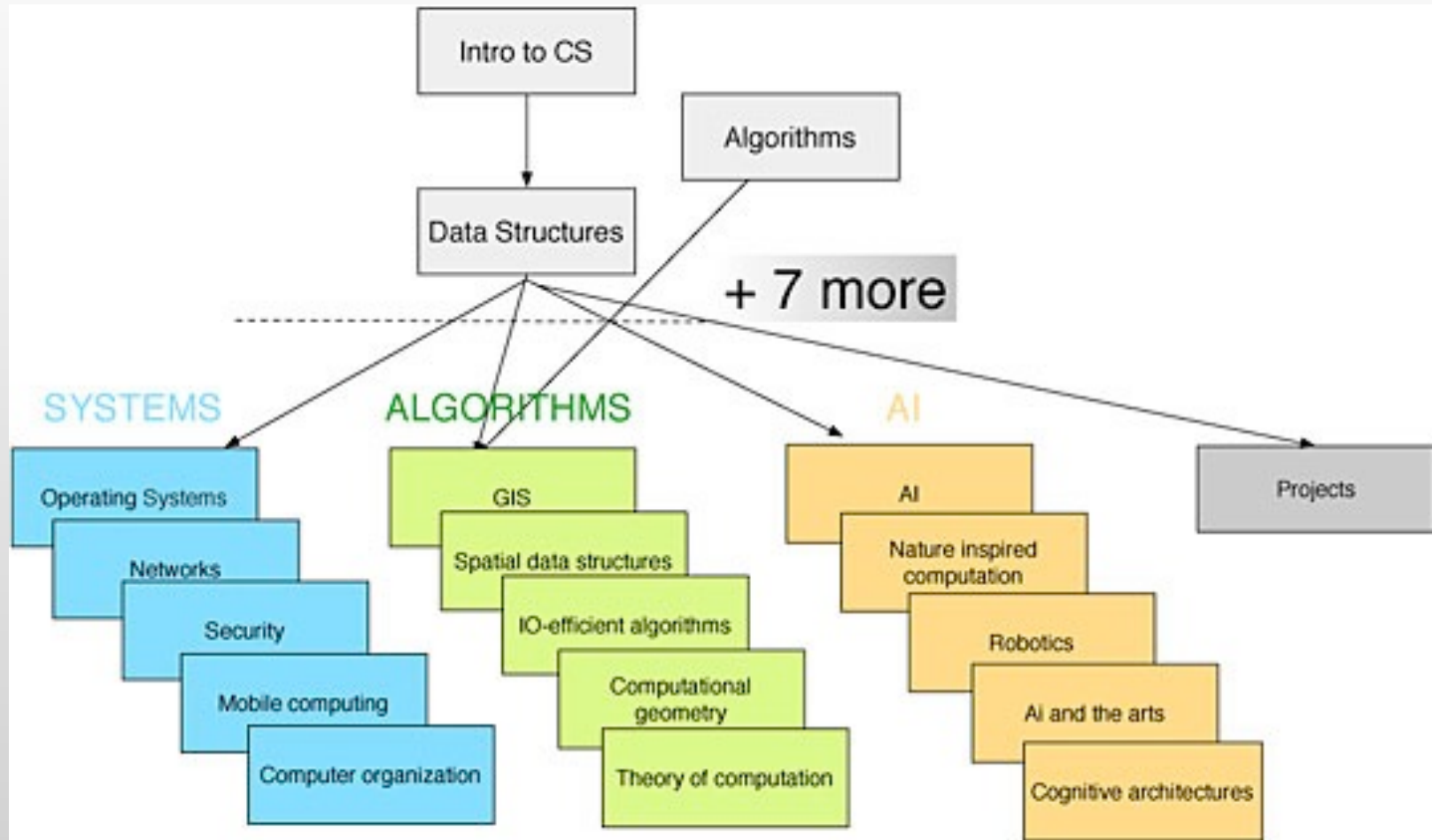


CS entry level classes:

(no pre-requisites)

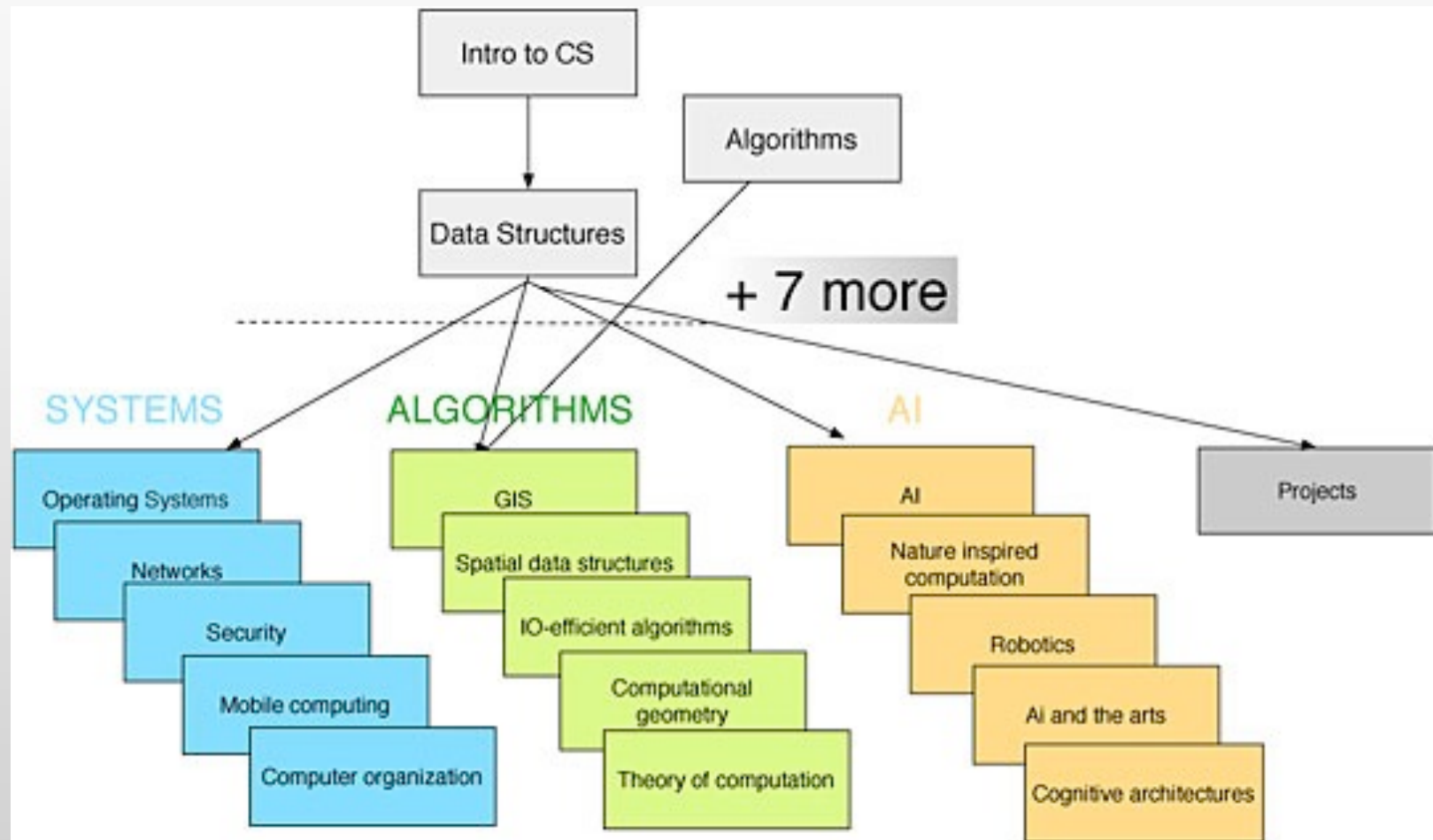
- csci 101 (Intro to Computer Science)
 - broad intro to CS using Java
 - weekly labs
 - Fall 2013:
 - M,W 1:00–2:25 (Majercik)
 - T,Th 11:30–12:55 (Irfan)
- csci 231 (Algorithms)
 - intro to fundamental algorithms in CS, their design and analysis
 - no programming
 - Fall 2013:
 - T, Th 10:00–11:25 (Toma)

The CS Major



- 10 CS courses
 - Intro, Algorithms, Data Structures + 7 electives (200 or above)
 - at least one course in each of Systems, Algorithms, AI
 - at least one projects course
 - at least four 300-level classes

The CS Minor



- 5 CS courses
 - Intro, Data Structures + 3 electives (200 or above)

Research



• every summer 10-15 summer research students



Research

- Eric Chown

- robot soccer, cognitive robotics, learning

- Mohammad Irfan

- AI (artificial intelligence) in sociology, economics and arts

- Steve Majercik

- Swarm intelligence and complex, emergent behavior
 - Artificial intelligence in the arts, particularly music and dance

- Daniela Oliveira

- Security

- Laura Toma

- Efficient algorithms for large data problems in geo-sciences

Why CS?

- How to think carefully and how to solve problems more effectively
- Applicable far beyond computer science

Thank you!