Welcome to ACM/IDS 104 Applied Linear Algebra!
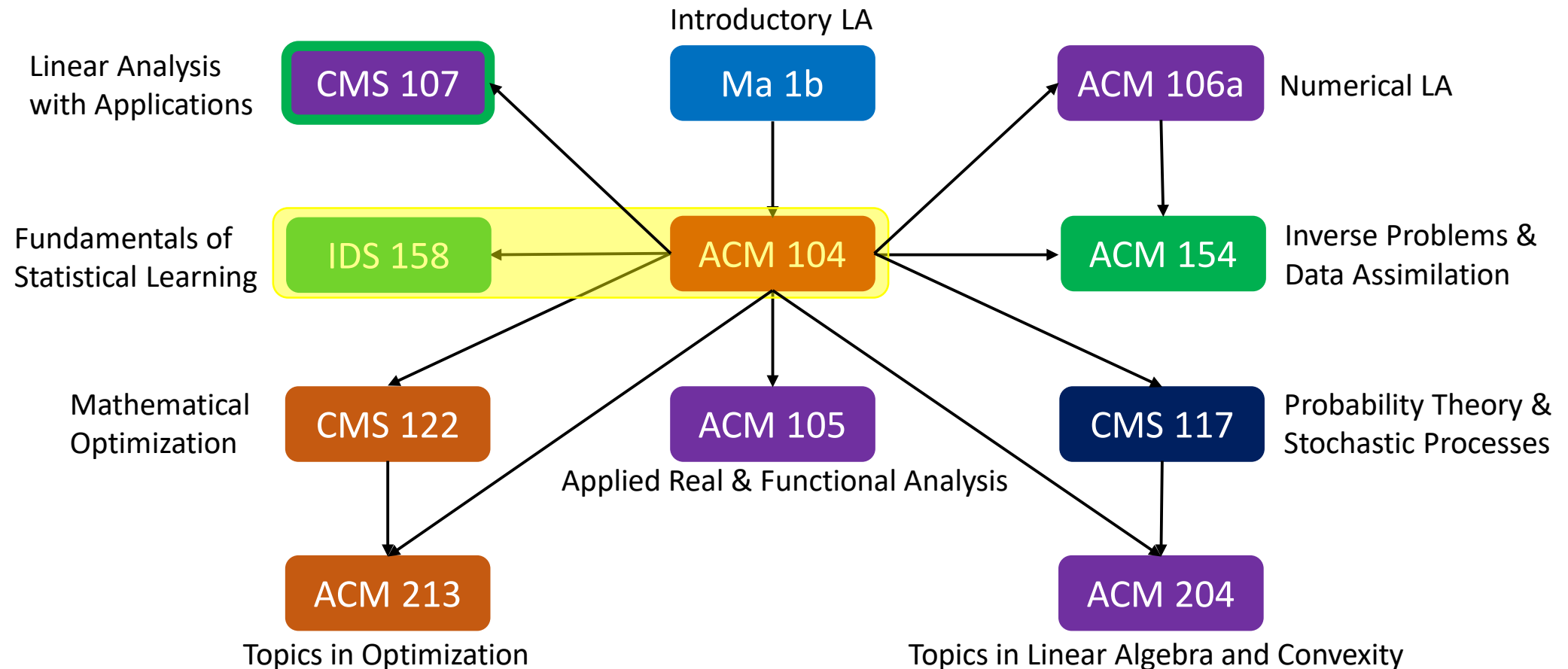
- Linear Algebra is a branch of mathematics that lies at the heart of modern science and engineering

- Parts of Linear Algebra are covered and used in many courses at Caltech

Main Goals of the Course

- Provide engineering students with necessary background in Linear Algebra, and show how it can be used in various applications.

- Prepare mathematically oriented students for more advanced courses in

  - Linear Algebra (CMS 107, ACM 106a)
  - Probability & Statistics (CMS 117, ACM 154, IDS 158)
  - Applied Optimization (CMS 113, ACM 213)
  - Functional & Real Analysis (ACM 105)