

2017 Summer Math Review (Noncredit)

18 July - 11 August

In this course, mathematical methods and techniques commonly encountered by first-year students in the Joint Program will be covered. Each session focuses on a specific topic, and students can choose to attend sessions that are most relevant to their course selections and research.

Please sign up at <https://goo.gl/gk188Q> for any sessions you plan to attend by Friday, June 30 or some sessions may be cancelled.

Sessions will held in Clark 271 from 10:00-11:30.

Tuesday 18 July	Algebra
Wednesday 19 July	Calculus
Friday 21 July	Probability/Statistics
Monday 24 July	Python
Wednesday 26 July	MATLAB
Friday 28 July	Signal Processing
Monday 31 July	Linear Algebra
Wednesday 2 August	ODEs (theory)
Friday 4 August	ODEs (numerical)
Monday 7 August	PDEs
Wednesday 9 August	Practical Data Analysis
Friday 11 August	Scaling/Non-dimensionalization

Instructors:

July 18 and 19	Daniel Duane
July 21, 24, 26, 28	Hannah Mark
July 31, August 11	Henri Drake
August 2, 4, 7, 9	Jeffrey Mei