

CPM 2017

7/1/2017

## COMPUTATIONAL MATHEMATICS MAJOR

### MAJOR REQUIREMENTS (51)

__ 4	CSC	121	Data Science I
__ 0	CSC	121L	Data Science I Lab
__ 4	CSC	122	Data Science II
__ 0	CSC	122L	Data Science II Lab
__ 4	MAT	181	Calculus I
__ 0	MAT	181L	Calculus I Lab
__ 4	MAT	182	Calculus II
__ 0	MAT	182L	Calculus II Lab
__ 3	MAT	241	Logic & Sets
__ 3	MAT	252	Diff Equations/Modeling
__ 3	MAT	271	Linear Algebra
__ 3	MAT	281	Probability
__ 3	MAT	351	Applied Mathematics I
__ 3	MAT	352	Applied Mathematics II
__ 3	MAT	442	Numerical Analysis
__ 1	MAT	475	Senior Seminar
__ 3	MAT	482	Complex Analysis
__ 5	PHY	211	General Physics I
__ 0	PHY	211L	General Physics I Lab
__ 0	PHY	211R	General Physics I Recitation
__ 5	PHY	212	General Physics II
__ 0	PHY	212L	General Physics II Lab
__ 0	PHY	212R	General Physics II Recitation

### PLUS FOUNDATIONAL COURSE REQUIREMENTS (39)

(3 hours Math and 4 hours Science satisfied by required major courses.)

### PLUS ELECTIVES NEEDED FOR THE 124 HOUR DEGREE REQUIREMENT (34)