Course 3-A Program Proposal
For students entering the major in Fall 2020 and after

DMSE

Student Information

Name	
Email	
Planned Graduation Date	
Proposal Status	First Proposal Revised Proposal

Program Goals
Describe your curricular goals (e.g. focus of study) in 2-3 sentences

Required Subjects

No.	Subject Title	Units	Proposed	Completed
18.03	Differential Equations	12		
3.010	Structure of Materials	12		
3.019	Introduction to Symbolic and Mathematical Computing	3		
3.020	Thermodynamics of Materials	12		

Select three of the following core subjects

No.	Subject Title	Units	Proposed	Completed
3.013	Mechanics of Materials	12		
3.023	Synthesis and Design of Materials	12		
3.029	Mathematics and Computational Thinking for Materials Scientists and Engineers I	9		
3.030	Microstructural Evolution in Materials	12		
3.033	Electronic, Optical, and Magnetic Properties of Materials	12		
3.039	Mathematics and Computational Thinking for Materials Scientists and Engineers II	9		
3.042	Materials Project Laboratory	12		

No.	Subject Title	Units		
3.044	Materials Processing	12		

Restricted Electives
Select 36 units from the list of Restricted Elective subjects

No.	Subject Title	Units	Proposed	Completed

Program Electives
Select 66 units from a program of self-designed study

No.	Subject Title	Units	Proposed	Completed

CI-M Subjects

No.	Subject Title	Units	Proposed	Completed
3.010/3.020	Structure / Thermodynamics of Materials (two partial CI-Ms)	12		

Attach Program Electives Subject Descriptions
(Copy and Paste from Catalog)

Student Signature

Decision

Approved

Not Approved

Undergraduate Officer Signature