

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



**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	Electronic, Optical, and Magnetic Properties of Materials	12		
3.033	Microstructural Evolution in Materials	12		
3.039	Mathematics and Computational Thinking for Materials Scientists and Engineers II	9		
3.044	Materials Processing	12		

3.042	Materials Project Laboratory	12		
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**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
3.014	Materials Laboratory	12		

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

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**Student Signature**

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**Decision**

**Approved**

**Not Approved**

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**Undergraduate Officer Signature**