

Course 3-A Program Proposal

For students entering the major before Fall 2020



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

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Required Subjects

| No. | Subject Title | Units | Proposed | Completed |
|-------|----------------------|-------|----------|-----------|
| 3.014 | Materials Laboratory | 12 | | |

Select five of the following core subjects

| No. | Subject Title | Units | Proposed | Completed |
|----------|---|-------|----------|-----------|
| 3.012 | Fundamentals of Materials Science and Engineering | 15 | | |
| 3.016* | Comp. Methods for Materials Scientists and Engineers | 12 | | |
| or 18.03 | Differential Equations | 12 | | |
| 3.022 | Microstructural Evolution of Materials | 12 | | |
| 3.024 | Electronic, Magnetic, and Optical Properties of Materials | 12 | | |
| 3.032 | Mechanical Behavior of Materials | 12 | | |
| 3.034 | Organic and Biomaterials Chemistry | 12 | | |
| 3.044 | Materials Processing | 12 | | |
| 3.042 | Materials Project Laboratory | 12 | | |

*3.016 is considered equivalent to the combination of 3.016A and 3.016B.

Restricted Electives

Select 36 units from the list of Restricted Elective subjects

| No. | Subject Title | Units | Proposed | Completed |
|-----|---------------|-------|----------|-----------|
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Program Electives

Select 72 units from a program of self-designed study

| No. | Subject Title | Units | Proposed | Completed |
|-----|---------------|-------|----------|-----------|
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CI-M Subjects

| No. | Subject Title | Units | Proposed | Completed |
|-------|----------------------|-------|----------|-----------|
| 3.014 | Materials Laboratory | 12 | | |
| | | | | |

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

Student Signature

Decision

Approved

Not Approved

Undergraduate Officer Signature