

The Henry Samueli School of Engineering

Master's Degree Plan of Study: Materials Science and Engineering

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|---------------------------------------|
| Name (Last, First) |
| Student ID Number |
| E-mail Address |
| Campus Phone # |
| Quarter and Year Expected to Graduate |

Core Areas:

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|--|--|
| Crystal Str. And Defects | MSE200 |
| Electrical and Optical Behavior | MSE205 |
| Mechanical Behavior | MSE251, MSE256A, MSE256B, MSE256C, MSE261 |
| Thermodynamics and Kinetics | MSE252, MSE253, MSE265, CBEMS240 |
| Materials Design/Processing | MSE254/CBEMS154, MSE255A, MSE270, MAE252, CHEM226, CBEMS174 |

** Note: If an undergraduate course is used for the Materials Design/Processing requirement, another course numbered 200-289 must be used to fulfill the minimum requirement of graduate course units (21 and 24, respectively). Approval for this substitution will only be made by petition and will not be granted for students who have taken a similar undergraduate course previously.*

| | | | | | Please circle one: | |
|---------------------------------------|---------------|--------------|--------------|---------------|--|--|
| Core Areas (1 course fr. each) | Course | Units | Grade | Qtr/Yr | Thesis Option (36 units) | Non-Thesis Option (36 units) |
| Crystal Str. And Defects | MSE200 | 3 | | | Minimum of 15 units must be made up of core courses | Minimum of 15 units must be made up of core courses |
| Electrical and Optical Behavior | MSE205 | 3 | | | | |
| Mechanical Behavior | | | | | | |
| Thermodynamics and Kinetics | | | | | | |
| Materials Design/Processing | | | | | | |
| Total Core Course Units | | | | | Students must fulfill a minimum of 6 more 200-289 level units | Students must fulfill a minimum of 9 more 200-289 level units |
| Electives | Course | Units | Grade | Qtr/Yr | | |
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| Total Elective Course Units | | | | | Students must fulfill a minimum of 3 units of CBEMS298 | Students must fulfill a minimum of 3 units of CBEMS298 |
| Research/Other | Course | Units | Grade | Qtr/Yr | | |
| Seminar | CBEMS298 | 1 | | | | |
| Seminar | CBEMS298 | 1 | | | | |
| Seminar | CBEMS298 | 1 | | | | |
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| Total other Units | | | | | Up to 8 units of research can be counted (i.e. CBEMS296) | Up to 6 units of research (CBEMS299) can be counted |
| Total Units | | | | | | |
| Total other Units | | | | | Students can choose to take other elective graduate level courses numbered 200-289 | Students can choose to take other elective graduate level courses numbered 200-289 |
| Total Units | | | | | | |

Signatures:

Candidate: _____

Date: _____

Graduate Advisor: _____

Date: _____

Associate Dean of Engineering: _____

Date: _____