Minor in Manufacturing (396502) MAP Sheet
Engineering, Manufacturing Engineering
For students entering the degree program during the 2022-2023 curricular year.

University Core and Graduation Requirements
University Core Requirements:

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Classes</th>
<th>Hours</th>
<th>Classes</th>
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</thead>
<tbody>
<tr>
<td>Religion Cornerstones</td>
<td>REL A 275</td>
<td>1</td>
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<tr>
<td>Teachings and Doctrine of The Book of Mormon</td>
<td>REL A 250</td>
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<tr>
<td>Jesus Christ and the Everlasting Gospel</td>
<td>REL C 225</td>
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<tr>
<td>Foundations of the Restoration</td>
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<td>The Eternal Family</td>
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<td>The Individual and Society</td>
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<tr>
<td>American Heritage</td>
<td>from approved list</td>
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<td>3-6.0</td>
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<tr>
<td>Global and Cultural Awareness</td>
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<td>Advanced Written and Oral Communications</td>
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<td>Languages of Learning (Math or Language)</td>
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<td>Variable</td>
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<td>Arts, Letters, and Sciences</td>
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<td>Civilization 2</td>
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<td>Arts</td>
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<td>Core Enrichment: Electives</td>
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<td>Variable</td>
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</table>

Graduation Requirements:

- Minimum residence hours required: 30.0
- Minimum hours needed to graduate: 120.0

Suggested Sequence of Courses

Freshman Year
1st Semester
- MFG 1303.0
- Total Hours: 3.0

2nd Semester
- ME EN 272 (if choosing MFG 230 from requirement 2)
- MATH 112
- Total Hours: 7.0

Sophomore Year
3rd Semester
- STAT 201
- MFG 220 (if chosen from requirement 2)
- CHEM 105 (if choosing MFG 331 or MFG 355 from requirement 2)
- Total Hours: 10.0
4th Semester
MFG 3403.0
MFG 230 (if chosen from requirement 2)3.0
ME EN 250 (If choosing MFG 331 or MFG 355 from requirement 2)4.0
Total Hours10.0
Junior Year
5th Semester
MFG 331 (if chosen from requirement 2)4.0
Total Hours4.0
6th Semester
MFG 4803.0
MFG 355 (if chosen from requirement 2)3.0
Total Hours6.0
Some courses have prerequisites outside of the Manufacturing program. See advisor for more information.
Minor in Manufacturing (396502) 2022-2023 Program Requirements (15 - 16 Credit Hours)
requirement 1 Complete 3 courses
MFGEN 130 - Modern Manufacturing 3.0
MFGEN 340 - Quality Systems in Manufacturing 3.0
MFGEN 381 - Lean Manufacturing & System Design 3.0
requirement 2 Complete 2 courses
MFGEN 220 - Material Removal 3.0
MFGEN 230 - Computer-Aided Manufacturing 3.0
MFGEN 331 - Metals Processes 4.0
MFGEN 355 - Plastics Materials and Processing 3.0
MAP DISCLAIMER
While every reasonable effort is made to ensure accuracy, there are some student populations that could have exceptions to listed requirements. Please refer to the university catalog and your college advisement center/department for complete guidelines.
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