## Design Graduate Program
### Master of Science Degree

**Product Design Track**

Transfer credits may comprise no more than 9 course credits on this program. 4xxx level courses may comprise no more than 9 course credits on this program. Courses are selected with approval of adviser & committee. Courses taken on the official degree program must be taken A-F unless only offered S-N.

**Student** ___________________________ **Adviser** ___________________________

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### Master of Science Degree: Plan A

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
<th>Courses Planned/Completed</th>
<th>Credits</th>
<th>Sem/yr</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ethics</strong></td>
<td>1</td>
<td>DES 8181 Research Ethics</td>
<td>1</td>
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</table>
| **Theory**  | 3       | DES 8112 Design Theory OR one of the following:  
  - DES 8164 Innovation Theory and Analysis  
  - DES 8167 Aesthetics of Design  | 3       |        |       |
| **Evaluation & Analysis** * | 3 | DES 8102 Quantitative Research Methods OR DES 8103 Qualitative & Mixed Methods Research | 3 |        |       |
| **Core Courses** | 13 | PDES 5701 User-centered Design Studio  
PDES 5702 Visual Communication  
PDES 5703 Product Prototyping  
PDES 5704 Computer-Aided Design Methods | 3 |        |       |
| **Master’s Thesis** | 10 | DES 8777 Thesis Credits: Master’s | 10 |        |       |
| **Related Field** | 6 | Selected with approval of adviser & committee.  
  - DES 5185 Human Factors in Design  
PDES 5711 Product Innovation Lab  
PDES 5706 Designing for Manufacture  
PDES 5705 History and Future of Product Design  
PDES 5193 Directed Study in Product Design  
PDES 8193 Directed Study in Product Design  
  - DES 8102/8103 (whichever they didn’t take for the core)  
  - DES 8151 Product Development (Softlines)  
  - DES 8113 Teaching and Assessment  
  - GDes 5341 Interactive Design  
  - GDes 8962 Color, Design, and Human Perception  
  - GCC 5005 Grand Challenge: Global Venture Design  
  - HUMF 5001 Foundations of Human Factors/Ergonomics  
PDES 8721 New Product Design and Business Development I  
PDES 8722 New Product Design and Business Development II  
  - BMEN 5151 Intro BioMEMS/Med devices  
  - ME 8243 Designing Smart Products  
  - CSCI 5127W - Human-Centered Design and Prototyping of Ubiquitous Computing Systems  
  - CSCI 5115 User Interface Design, Implementation and Evaluation  
  - CSCI 5619 Virtual Reality and 3D Interaction  
  - CSCI 8115 Human-Computer Interaction and User Interface Technology  
  - MGMT 5102 StartUp: Customer Development and Testing  
  - ENTR 6090 Technology-based Entrepreneurship  
  - ANTH 5121 Business Anthropology  
  - ANTH 4035 Ethnographic Research Methods | 3 |        |       |
| **Additional Courses** | | Additional courses determined by adviser & committee. | | | |

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Total Credits: 36

*Students with no college level background in statistics, must take at least one statistics course from the list of electives.*