<table>
<thead>
<tr>
<th>Program:</th>
<th>Nutrition</th>
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<tbody>
<tr>
<td>Degree:</td>
<td>MS</td>
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<tr>
<td>Department:</td>
<td>NFSC</td>
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<tr>
<td>Contact Name:</td>
<td>Steve Talcott</td>
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<td>Contact Phone:</td>
<td>979-862-4056</td>
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### Outcome
Master degree-program requirements, including theories, concepts, principles, and practice, and develop a coherent understanding of the subject matter through synthesis across courses and experiences.

#### Marketable Skills
- **Analysis:** Problems are clearly stated, supported by sources that allows for a comprehensive analysis or synthesis.
- **Synthesis:** Viewpoints of experts are questioned thoroughly through critical thinking, while limits of a position are acknowledged in context to others’ points of view.
- **Application:** Provide a strong knowledge base and fundamental understanding of nutrition, diets, biochemistry, human physiology, genetics, biology, and statistics that is applied to chronic diseases, nutrition through life, and an overall healthy population.

### Outcome
Apply subject matter knowledge in a range of contexts to solve problems and make decisions.

#### Marketable Skills
- **Problem Solving:** An understanding of the technical aspects of nutrition from diet, supplementation, deficiencies, disease states, prevention, and wellness.
- **Market Applications:** An understanding of the regulatory processes of diet and health that factor into a healthy life at each stage of our lifecycle.
- **Industry Specific Skills:** Apply the basic sciences of chemistry, biochemistry, genetics, microbiology, engineering, and nutrition to provide consumers with credible information that promotes their health and wellness.

### Outcome
Use a variety of sources and evaluate multiple points of view to analyze and integrate information and to conduct critical, reasoned arguments.

#### Marketable Skills
- **Discipline Specific Skills:** Integrate knowledge from basic life science disciplines to solve dietary deficiencies and positively promote a healthy lifestyle.
- **Advanced Concepts:** Demonstrate advanced understanding of concepts, main ideas, and/or sources to make a reasoned explanation to a diverse audience.
- **Technical Presentations:** Documentation, assessing, and presentation of technical information as authoritative and credible.

### Outcome
Communicate effectively.

#### Marketable Skills
- **Oral and Written Skills:** Demonstrate thorough understanding of context, audience, and purpose of task in oral and written communications.
- **Presentation Skills:** Communication that is clear, easy to follow and understand, and logically organized.
- Organization: Messaging that is compelling, precisely stated, appropriately repeated, and memorable to a wide range of audiences

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<tr>
<th>Outcome</th>
<th>Use appropriate technologies to communicate, collaborate, conduct research, and solve problems.</th>
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| Marketable Skills | • Data Collection: Knowledge of the latest technologies in data collection, analysis, detection, quantification, enumeration, and statistics  
• Subject Matter Expertise: Demonstrate strong comprehension of subject matter in enable efforts to engage with other professionals in the field to solve complex problems  
• Team Work: Help to advance a multi-disciplinary teams by articulating the merits of ideas, working collaboratively, constructively building upon or synthesizing the contributions of others, and supporting a constructive team climate. |

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<th>Outcome</th>
<th>Develop clear research plans and conduct valid, data-supported, theoretically consistent, and institutionally appropriate research.</th>
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| Marketable Skills | • Research Planning: Reviews prior knowledge to develop a clear research plan supported by appropriate data and relevant data collection techniques.  
• Research Skills: Apply creative ways to create new knowledge in the field by coordinating with other experts and conducting hypothesis-driven research  
• Data Organization: Demonstrate advanced understanding of concepts, main ideas, and sources in the field that are presented in a local, authoritative, and credible format |

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<th>Outcome</th>
<th>Choose ethical courses of action in research and practice.</th>
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| Marketable Skills | • Avoiding Bias: Awareness of one's own biases and how these experiences can influence data results and interpretation  
• Ethiin in Research: Conducts ethinical experiments and presents data/perspectives/concepts in ways to reduce or eliminate experimental, cultural, or personal bias  
• Advancing Science: Willingness to work in a spirit of collaboration and teamwork to help advance nutritional sciences |