

## MSU Dietetics Program Student Learning Outcomes

Learning Outcomes for DPD Students						
I. Graduates will have demonstrated effective and efficient communication skills						
Institutional Mission Reference (if applicable)						
To provide an environment that promotes the exploration, discovery, and dissemination of new knowledge.						
Outcome Measures	Data Needed	Data Already Available?	What Groups Will Be Assessed?	Assessment Methods	Who will conduct assessment?	Timeline
1) Graduates will have demonstrated the ability to work effectively as a team member	Evidence of student progress	Yes	Students in HDFN 221CS HUMAN NUTRITION	Daily activity question answered in a group	Anacker	2 <sup>nd</sup> semester freshman or 1 <sup>st</sup> semester sophomores
	Evidence of Student Progress	Yes	Students in HDFN 221CULINARY FUNDAMENTALS	Group project on culinary fundamentals	Anacker	2 <sup>nd</sup> semester sophomores
	Peer evaluations on performance as team member	Yes	Students in HDFN 322 CULINARY SKILLS & MANAGMENT	Food service design	Peers/Harmon	1 <sup>st</sup> semester juniors
	Peer evaluations on performance as team member	Yes	Students in HDFN 322 CULINARY MANAGEMENT PRACTICUM	Meal Presentations	Peers/Harmon	2 <sup>nd</sup> semester juniors
	Peer evaluations on performance as team member	Yes	Students in HDFN 351 NUTRITION & SOCIETY	Group presentation on Food & Culture – peer evaluations	Harmon/Peers	2 <sup>nd</sup> semester juniors
	Evaluation by DI preceptor, graduate school advisor or employee	Data from DI preceptor is collected annually.	Alumni		Follow-up survey	Program Director

Outcome Measures	Data Needed	Data Already Available?	What Groups Will Be Assessed?	Assessment Methods	Who will conduct assessment?	Timeline
2) Graduates will have demonstrated effective written communication skills relevant to the nutrition profession.	Evidence of student progress	Yes.	Students in HDFN 221CS HUMAN NUTRITION	Written summary of media analysis	Anacker	2 <sup>nd</sup> semester freshman or 1 <sup>st</sup> semester sophomores
	Evidence of student progress	Yes.	Students in HDFN 321 NUTRITION THROUGH THE LIFECYCLE	Written summary of service learning project	Anacker	1 <sup>st</sup> semester juniors
	Evidence of Student Progress	Yes	Students in HDFN 400 SEMINAR	Resume development, cover letter development, and alumni newsletter production	Anacker	1 <sup>st</sup> semester seniors
	Evidence of student progress	Yes.	Students in HDFN 401 NUTRITION ASSESSMENT & COUNSELING	Chart notes written for lab assignments and exams.	Campbell	1 <sup>st</sup> semester seniors
	Evidence of student progress	Yes.	Students in HDFN 421 MACRONUTRIENT METABOLISM	Written research paper with analysis of 1-2 current original peer-reviewed research articles	Miles	1 <sup>st</sup> semester seniors
	Evidence of student progress	Yes	Students in HDFN 451R SUSTAINABLE FOOD SYSTEMS	Research Paper	Harmon	2 <sup>nd</sup> semester seniors
	Evaluation by DI preceptor, graduate school advisor or employee	Data from DI preceptor is collected annually.	Alumni	Follow-up survey	Program Director	6 months-1 year post graduation

Outcome Measures	Data Needed	Data Already Available?	What Groups Will Be Assessed?	Assessment Methods	Who will conduct assessment?	Timeline
3) Graduates will have demonstrated effective oral communication skills relevant to the nutrition profession.	Evidence of student progress	Yes	Students in HDFN 322 CULINARY SKILLS & MANAGMENT	Food Service Design Presentation	Harmon	2 <sup>nd</sup> semester juniors
	Evidence of student progress	Yes	Students in HDFN 351 NUTRITION & SOCIETY	Presentation on Food & Culture	Harmon	2 <sup>nd</sup> semester juniors
	Evaluations from interview panel	Yes	Students in HDFN 400 SEMINAR	Mock interview for post-baccalaureate program	Program Director & Peers	1 <sup>st</sup> semester seniors
	Evidence of student progress	Yes.	Students in HDFN 421 MACRONUTRIENT METABOLISM	Presentation on a topic related to macronutrient metabolism	Miles	1 <sup>st</sup> semester seniors
	Evidence of student progress	Yes.	Students in HDFN 422 MICRONUTRIENT METABOLISM	Presentation on a current topic related to micronutrient metabolism	Stein	2 <sup>nd</sup> semester seniors
	Evaluation of communication skills	Yes	Students in HDFN 451R SUSTAINABLE FOOD SYSTEMS	Oral research project presentation	Harmon	Juniors and Seniors
	Evaluation by DI preceptor, graduate school advisor or employee	Data from DI preceptor is collected annually.	Alumni	Follow-up survey	Program Director	6 months-1 year post graduation

Outcome Measures	Data Needed	Data Already Available?	What Groups Will Be Assessed?	Assessment Methods	Who will conduct assessment?	Timeline
4) Graduates will have demonstrated effective counseling skills.	Instructor evaluation	Yes.	Students in HDFN 401 NUTRITION ASSESSMENT & COUNSELING	In-class initial counseling and follow-up sessions; students role-play both the counselor and client. Students follow MNT diet for 3 days.	Campbell	1 <sup>st</sup> semester seniors
	Signature indicating approval of one-on-one patient interaction	No.	Students in HDFN 426 MEDICAL NUTRITION THERAPY II	one-on-one patient interaction in clinical setting	Clinical preceptors/ Campbell	2 <sup>nd</sup> semester seniors
	Evaluation by DI preceptor, graduate school advisor or employee	Data from DI preceptor is collected annually.	Alumni	Follow-up survey	Program Director	6 months-1 year post graduation

**Learning Outcomes for DPD Students**

**II. Graduates will have demonstrated critical thinking skills.**

**Institutional Mission Reference (if applicable)**

To provide an environment that promotes the exploration, discovery, and dissemination of new knowledge.

Outcome Measures	Data Needed	Data Already Available?	What Groups Will Be Assessed?	Assessment Methods	Who will conduct assessment?	Timeline
1) Graduates will have demonstrated the ability to conduct a critical assessment of a client/patient.	Evidence of Student Progress	Yes	Students in HDFN 401 NUTRITION ASSESSMENT & COUNSELING	Counseling Project	Campbell	2 <sup>nd</sup> semester Juniors
	Evidence of Student Progress	Yes	Students in HDFN 426 MEDICAL NUTRITION THERAPY II	Case Study	Campbell	2 <sup>nd</sup> semester seniors
	Evaluation by DI preceptor	Data from DI preceptor is collected annually.	Alumni	Follow-up survey	Program Director	6 months-1 year post graduation

Outcome Measures	Data Needed	Data Already Available?	What Groups Will Be Assessed?	Assessment Methods	Who will conduct assessment?	Timeline
2) Graduates will have demonstrated the ability to bridge nutrition principles with application (nutrition behavior change).	Evidence of student progress	Yes	Students in HDFN 221CS HUMAN NUTRITION	Self-assessment goals development	Anacker	1 <sup>st</sup> Semester freshmen
	Evidence of student progress	Yes	Students in HDFN 221CULINARY FUNDAMENTALS	Menu-planning project	Anacker	2 <sup>nd</sup> semester sophomores
	Evidence of student progress	Yes	Students in HDFN 321 NUTRITION THROUGH THE LIFECYCLE	Pre-natal Case Study	Anacker	1 <sup>st</sup> semester juniors
	Evidence of student progress	Yes	Students in HDFN 322 CULINARY MANAGMENT & SKILLS	Menu plan and meal presentation for special diets	Harmon	2 <sup>nd</sup> semester juniors and seniors
	Evidence of student progress	Yes	Students in HDFN 351 NUTRITION & SOCIETY	Experience project completion (\$2/day, PSA)	Harmon	2 <sup>nd</sup> semester juniors and seniors
	Evidence of student progress	Yes	Students in HDFN 401 NUTRITION ASSESSMENT & COUNSELING		Campbell	2 <sup>nd</sup> semester juniors
	Evaluation by DI preceptor, graduate school advisor or employee	Data from DI preceptor is collected annually.	Alumni	Follow-up survey	Program Director	6 months-1 year post graduation

Outcome Measures	Data Needed	Data Already Available?	What Groups Will Be Assessed?	Assessment Methods	Who will conduct assessment?	Timeline	
3) Graduates will have demonstrated the ability to evaluate current information within the context of sound nutrition science.	Evidence of student progress	Yes	Students in HDFN 221CS HUMAN NUTRITION HUMAN NUTRITION	Media Analysis	Anacker		
	Evidence of student progress	Yes	Students in HDFN 351 NUTRITION & SOCIETY	Epidemiological article analysis	Harmon	2 <sup>nd</sup> semester juniors	
	Evidence of student progress	Yes	Students in HDFN 421 MACRONUTRIENT METABOLISM	Research paper and presentation in current macronutrient metabolism topic	Miles	1 <sup>st</sup> semester seniors	
	Evidence of student progress	Yes	Students in HDFN 422 MICRONUTRIENT METABOLISM	Research paper and presentation in current micronutrient metabolism topic	Stein	2 <sup>nd</sup> semester seniors	
	Evidence of student progress	Yes	Students in HDFN 451R SUSTAINABLE FOOD SYSTEMS	Weekly current events presentation	Harmon	2 <sup>nd</sup> semester juniors and seniors	
	Evaluation by DI preceptor, graduate school advisor or employee	Data from DI preceptor is collected annually.	Alumni		Follow-up survey	Program Director	6 months-1 year post graduation

**Learning Outcomes for DPD Students**

**III. Graduates will have demonstrated proficient use of professionally-relevant computer technology.**

**Institutional Mission Reference (if applicable)**

To provide an environment that promotes the exploration, discovery, and dissemination of new knowledge.

<b>Outcome Measures</b>	<b>Data Needed</b>	<b>Data Already Available?</b>	<b>What Groups Will Be Assessed?</b>	<b>Assessment Methods</b>	<b>Who will conduct assessment?</b>	<b>Timeline</b>
1) Graduates will have demonstrated the ability to conduct computer assisted dietary analysis.	Evidence of student progress	Yes	Students in HDFN 221CS HUMAN NUTRITION HUMAN NUTRITION	Diet analysis	Anacker	2 <sup>nd</sup> semester Freshmen
	Evidence of student progress	Yes	Students in HDFN 221CULINARY FUNDAMENTALS	Menu analysis	Anacker	Second Semester Sophomores
	Evidence of student progress	Yes	Students in HDFN 321 NUTRITION THROUGH THE LIFECYCLE NUTRITION THROUGH THE LIFECYCLE	Diet analysis & Comparison	Anacker	First Semester Juniors
	Evidence of student progress	Yes	Students in HDFN 322 CULINARY MANAGEMENT & SKILLS	Meal menu/recipe analysis	Harmon	Second semester Juniors or Seniors
	Evidence of student progress	Yes	Students in HDFN 401 NUTRITION ASSESSMENT & COUNSELING	24 hour recall	Campbell	2 <sup>nd</sup> semester Juniors
	Evidence of student progress	Yes	Students in HDFN 426 MEDICAL NUTRITION THERAPY II	Diet analysis	Campbell	2 <sup>nd</sup> semester Seniors
	Evaluation by DI preceptor, graduate school advisor or employee	Data from DI preceptor is collected annually.	Alumni	Follow-up survey	Program Director	6 months-1 year post graduation

Outcome Measures	Data Needed	Data Already Available?	What Groups Will Be Assessed?	Assessment Methods	Who will conduct assessment?	Timeline
2) Graduates will have demonstrated the ability to effectively use computer software for presentations.	Evidence of Student Progress	Yes	Students in HDFN 322 CULINARY SKILLS & MANAGMENT	Food Service Design Presentation	Harmon	1 <sup>st</sup> semester Juniors
	Evidence of Student Progress	Yes	Students in HDFN 351 NUTRITION & SOCIETY	Food and culture presentation	Harmon	2 <sup>nd</sup> semester Juniors
	Evidence of Student Progress	Yes	Students in HDFN 421 MACRONUTRIENT METABOLISM	Research Presentation	Miles	1 <sup>st</sup> semester Seniors
	Evidence of Student Progress	Yes	Students in HDFN 451R SUSTAINABLE FOOD SYSTEMS	Poster presentation and research project	Harmon	Second semester Juniors and Seniors

Outcome Measures	Data Needed	Data Already Available?	What Groups Will Be Assessed?	Assessment Methods	Who will conduct assessment?	Timeline
3) Graduates will have demonstrated the ability to use library search engines in conducting research.	Evidence of Student Progress	Yes	Students in HDFN 221CULINARY FUNDAMENTALS	Recipe Modification Project	Anacker	Second Semester Sophomores
	Evidence of Student Progress	Yes	Students in HDFN 421 MACRONUTRIENT METABOLISM	Macronutrient Research Paper	Miles	1 <sup>st</sup> semester Seniors
	Evidence of Student Progress	Yes	Students in HDFN 451R SUSTAINABLE FOOD SYSTEMS	Research project paper with citations of peer-reviewed literature	Harmon	Second Semester Juniors and Seniors
	Evaluation by DI preceptor, graduate school advisor or employee	Data from DI preceptor is collected annually.	Alumni	Follow-up survey	Program Director	6 months-1 year post graduation

Outcome Measures	Data Needed	Data Already Available?	What Groups Will Be Assessed?	Assessment Methods	Who will conduct assessment?	Timeline
4) Graduates will have demonstrated the ability to successfully locate, use and cite internet sources of information.	Evidence of Student Progress		Students in HDFN 221CS HUMAN NUTRITION HUMAN NUTRITION	Media Project	Anacker	2nd semester Freshmen
	Evidence of Student Progress		Students in HDFN 221CULINARY FUNDAMENTALS	Organization/ Govt WebSite Evaluation	Anacker	2 <sup>nd</sup> semester Sophomores
	Evidence of Student Progress		Students in HDFN 321 NUTRITION THROUGH THE LIFECYCLE NUTRITION THROUGH THE LIFECYCLE	Govt Web Site Assignments	Anacker	1 <sup>st</sup> semester Juniors
	Evidence of Student Progress	Yes	Students in HDFN 421 MACRONUTRIENT METABOLISM	Research Presentation	Miles	1 <sup>st</sup> semester Seniors
	Evidence of Student Progress	Yes	Students in HDFN 422 MICRONUTRIENT METABOLISM	Research Presentation	Stein	2 <sup>nd</sup> semester Seniors
	Evidence of Student Progress		Students in HDFN 451R SUSTAINABLE FOOD SYSTEMS	Weekly current events presentation	Harmon	Second Semester Juniors and Seniors