**MS Food and Nutrition with a Specialization in Food Science and Nutrition Science**

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| Learning Outcome | Core Courses | | | | Concentration Courses | | | | | Elective Course |
| FDSC 911 | FDSC 921  or  FDSC 960 | NUTR 874 | NUTR 903 | FDSC 808 | FDSC 815 | CHEM 821 | FDSC 813 | FDSC 805 |
| demonstrate knowledge of fundamental concepts in functional foods | I | E | R | R |  |  |  |  | R | R |
| evaluate complex situations in the food industry and provide appropriate solutions | I | E |  |  | R | R |  | R | R |  |
| produce high quality written reports and present their contents effectively | I | E |  |  | R | R | R | R | R |  |
| demonstrate the ability to thoroughly review scientific literature | I | E |  |  |  |  | R |  |  | R |
| perform high quality research in specific areas relevant to functional foods | I | E |  |  |  |  |  |  | R |  |

**I: Introductory, R: Reinforce, E: Emphasize**

Course Code Key

FDSC 805 Food Analysis

NUTR 874 Human Nutrition Science

NUTR 903 Advanced Nutrition and Metabolism

FDSC 808 Food Chemistry

FDSC 815 Food Engineering and Processing

FDSC 813 Food Safety and Microbiology

CHEM 821 Instrumental Analysis

FDSC 911 Research and Seminar in Food Science/Nutritional Biochemistry

FDSC 921 Laboratory Practicum

FDSC 960 Thesis in Food Science/Nutritional Biochemistry

Elective Course (800 or 900 level graduate level elective course)