

Master of Nutrition and Dietetics – topic pre-requisites requirement information

Applicants must hold an approved bachelor degree or equivalent qualification and have achieved a Flinders equivalent grade point average (GPA) of credit (5.00) or above to be considered. Applicants must also have completed the following topic pre-requisites:

- at least the equivalent of 13.5 Flinders units (0.375 EFTSL) across the course of their undergraduate program in human nutrition and food science topics in the areas of basic nutrition principles, life-cycle nutrition and food science
- at least the equivalent of 9 Flinders units (0.25 EFTSL) in chemistry topics studied at first year undergraduate level and followed by
- at least the equivalent of 9 Flinders units (0.25 EFTSL) in human biochemistry topics studied at second year undergraduate level or higher
- at least the equivalent of 9 Flinders units (0.25 EFTSL) in human biology topics studied at first year undergraduate level and followed by
- at least the equivalent of 9 Flinders units (0.25 EFTSL) in human physiology topics studied at second year undergraduate level or higher

Applicants who did not achieve the minimum GPA in their completed approved bachelor degree or equivalent qualification, can be considered on the GPA achieved in a second bachelor degree, graduate certificate, graduate diploma or Masters degree of their choice, provided they have completed a minimum one semester full-time equivalent study in one of these courses.

Due to limited places available, selection is based on meeting the above requirements and academic merit. Applicants who meet the above requirements will be ranked on their best Flinders equivalent GPA or above achieved over a minimum of one semester of full-time equivalent study in one course.

| Pre-requisite to be met | Topic content requirement | Examples of current Flinders University topics that meet requirements |
|---|---|---|
| at least the equivalent of 13.5 Flinders units (0.375 EFTSL) across the course of an undergraduate program in human nutrition and food science topics in the areas of basic nutrition principles, life-cycle nutrition and food science | Basic general nutrition to maintain good health. Content addressing dietary guidelines and Nutrient reference values/recommended nutrient intakes. Physiological basis of nutritional requirements and food habits across the life span. Knowledge of food systems and the food supply and the factors that affect the food supply. Food science and technology relating to manufacturing and distribution. Food law and regulations. Food composition. Social determinants of health, psychology of food choice and environmental/ecological factors affecting food choice | NUTD1106 Nutrition, Physical Activity and Health AND NUTD2101 Nutrition Across the Lifecycle AND EITHER NUTD2105 Social and Ecological Perspectives on Food Choice OR NUTD2102 Food Products and Preparation |

| Pre-requisite to be met | Topic content requirement | Examples of current Flinders University topics that meet requirements |
|--|---|---|
| at least the equivalent of 9 Flinders units (0.25 EFTSL) in chemistry topics studied at first year undergraduate level | Fundamentals of organic chemistry, electrochemistry and acid/base chemistry. States of matter and properties of gases/liquids/gasses. Atomic and molecular structure and bonding. | CHEM1202 Chemistry for the Life Sciences AND EITHER CHEM1101 Chemical Structure and Bonding OR CHEM1201 General Chemistry |
| at least the equivalent of 9 Flinders units (0.25 EFTSL) in human biochemistry topics studied at second year undergraduate level or higher | Biochemistry of food and energy metabolism. Application of biochemical and molecular biology to function in health and/or disease. Microbiology and immunology. Pharmacology topics that include the biological function and metabolism of pharmacological agents. | BIOL2771 Biochemistry AND MMED3933 Biochemistry of Human Disease |
| at least the equivalent of 9 Flinders units (0.25 EFTSL) in human biology topics studied at first year undergraduate level and followed by | Fundamentals of biological processes, structure and function of humans. | BIOL1102 Molecular Basis of Life AND EITHER HLTH1004 Human Bioscience OR MMED1005 How Your Body Works OR BIOL1101 Evolution of Biological Diversity |
| at least the equivalent of 9 Flinders units (0.25 EFTSL) in human physiology topics studied at second year undergraduate level or higher | Knowledge and function of the organ systems of the human body in health +/- disease. Control mechanisms regulating organ systems. How body systems interact/integration of body systems. May include exercise physiology, but also need to have at least 1 physiology topic that is body systems focussed. | MMED2931 Human Physiology AND MMED2932 Integrative Human Physiology |

Further information about the above mentioned Flinders University topics including education aims and expected learning outcomes visit www.flinders.edu.au/webapps/stusys/index.cfm/topic/main/.

Many Flinders University topics can be undertaken as non-award study that may meet the pre-requisites for the Master of Nutrition and Dietetics. More information about non-award study is available at www.flinders.edu.au/enrolling/non-award-students/. Non-award study does not allow applicants to achieve a GPA for consideration in future applications even if they have completed a minimum one semester full-time equivalent of non-award study.

Once applications are submitted through SATAC and meet any deadlines for payment of application fees and such to be guaranteed equal consideration, applications will be considered for entry. Applicants who are not successful in receiving an offer can request to be provided with feedback on how to improve their chances for selection in the future if they wish to pursue a career as a dietitian.

For further information contact us via email: askflinders@flinders.edu.au or call 1300 354 633 (option 1).