UNIVERSITY OF HULL

MSc Nutrition and Dietetics (pre-registration)
Pre-learning information

The entry requirements of the MSc Nutrition and Dietetics (pre – registration) are a 2:1 BSc in a science-based degree containing sufficient depth of biochemistry, research skills and human physiology.

How much human physiology and biochemistry do I need to apply?

The MSc Nutrition and Dietetics (pre-reg) programme requires you to be competent to at least academic level 5 (i.e. studied in the second year of an under-graduate programme) in the following subject areas (listed below) in order for your application to be accepted.

It is acceptable to study the essential content in module(s) at level 4 but we would require you to also demonstrate application and integration of this learning in a clinical science related module at level 5.

Essential:

• Biochemistry (structures, properties and roles of amino-acids, proteins, carbohydrates, fats, enzymes; effects of temperature, energy change and reaction rates)

• Biomolecules/cells (structures, membranes, control, communication & functions of molecules, viruses & cells/cell organelles)

• Human physiology & anatomy (homeostasis and feedback; neural and endocrine systems; muscles and movement; immune system; endocrine system; cardiovascular physiology; central nervous system; respiratory physiology; renal physiology; gastrointestinal system; hepatic physiology; reproductive system)

• Genetics and biochemistry (DNA/RNA, inheritance, gene activity and regulation, mutation)

Desirable:

• Immunology

• Pharmacology

• Microbiology

• Nutrition

• Research methods and statistics

• Ageing / disease

• Health & disease

• Public Health

Which science-based programmes are usually acceptable?

Typical subjects for acceptable degrees include: Human Nutrition, Human Biology, Biomedical Science, Biochemistry, Physiology, Sports and Exercise Nutrition, some Public Health Nutrition and some Sports Science degree courses.

UNIVERSITY OF HULL

What if you don't have a science-based undergraduate degree?

If you have a degree that is not science-based, then a more suitable option for you to consider would be to apply for the UG course in Dietetics, although you may need to do a science-based access course to meet the entry requirements for this. Local undergraduate dietetics courses include Leeds Beckett University (3 years) https://www.leedsbeckett.ac.uk/courses/dietetics-bsc/ or Newcastle University (4 years to culminate in an MSc qualification ultimately) https://www.ncl.ac.uk/undergraduate/degrees/b401/.

What if you have limited human physiology and/or biochemistry in your undergraduate degree?

If you have a science-based degree but limited human physiology and / or biochemistry, or you have already studied human physiology/biochemistry but only at level 4 you will need to study biochemistry and human physiology as a minimum to level 5 (second year of undergraduate programme).

We require a good science background as opposed to necessarily a background in nutrition, as it is assumed you already have this knowledge before teaching begins.

Some examples of "top up" study options are given below. It may be the case that only 1 or 2 modules are required prior to enrolment on the course and a place may be offered based on the condition that these are completed prior to the next academic year.

London Metropolitan University – Distance learning Masters Modules via their virtual learning environment as part of their MSc Biomedical Science https://www.londonmet.ac.uk/courses/short/biomed-online/

Specifically the **Introduction to General Biochemistry** (10 credits) and **Introduction to Anatomy and Physiology in Health and Disease** (20 credits) . These modules are designed for healthcare professionals in a variety of disciplines, especially those needing to reinforce their degree-level learning prior to undertaking training to become registered with the **Health and Care Professions Council** (HCPC) on a course such as Dietetics. Typical duration 15 weeks. Cost at the time of writing £910 per 20-credit module and £670 per 10-credit module (please see additional fees on the website).

We recommend that you contact joanne.black@hull.ac.uk prior to enrolling on a top up module.

What is required for the research project in your undergraduate degree?

For the research project we would expect applicants to be able to demonstrate and apply research skills to address a problem or area of study. This may include primary research, a systematic type review or service evaluation appropriate to undergraduate study at level 6 or equivalent.

This would usually incorporate the following aspects of research design: a literature review, setting research aims and objectives, employing appropriate methodologies to explore the problem, presenting results and analysis of these, critical discussion of research findings and synthesis of these to inform conclusions and further recommendations.

UNIVERSITY OF HULL

Can you still apply if you have a 2:2?

Yes, you can, but you will need to evidence your ability to undertake work at level 7 (Masters level). Your first degree must also contain a research project. Therefore, if your first degree was below 2:1 then we would like you to have undertaken a higher qualification such as a Master's degree or some appropriate Masters level modules or a relevant post graduate certificate before application. As a minimum you would need to have passed masters level modules in a health related or clinical science subjects in order to apply (at least 40 credits).

Several northern region universities such as The University of Chester offer some nutrition specific modules as part of their MSc Nutrition programme. Attendance is required over 3-4 days per module Http://www.chester.ac.uk/postgraduate/nutrition.

If you have any additional questions please contact the programme director at joanne.black@hull.ac.uk