MODULE DESCRIPTOR

MODULE TITLE	Organismal Nutrition		
Module Code	44-7984-00S		
Level	7		
Credit Points	15		
Indicative Assessment Components & Percentage Weightings	Coursework 50% Examination 50%		
Pre-Requisite Modules (<i>if applicable</i>)	None		
Delivered according to Standard Academic Calendar	Long: 2 semesters	Short: 1 semester	Other delivery pattern:
YES	NO	YES	None

1 MODULE AIMS

These are the aims of the module are to:

- 1. enable you to develop a comprehensive appreciation and understanding of human digestive, absorptive and excretory processes;
- 2. highlight the key dietary and nutritional factors involved in health and disease; and
- 3. develop your ability to appraise and organise information, themes and concepts from a variety of academic sources.

2 LEARNING OUTCOMES

By the end of the module you will be able to:

- 1. Effectively analyse the physiology of the digestive, absorptive and excretory processes relevant to human nutrition and homeostasis across the lifecycle.
- 2. Interpret energy/nutrient balance and storage in relation to body composition.
- 3. Competently differentiate between the dietary characteristics involved in various disease states and in the maintenance of health.
- 4. Critically evaluate theories, paradigms, concepts and principles that relate to diet, health and disease.
- 5. Prepare, process, interpret and present information using a variety of formats including CIT in accordance with standard academic conventions.

3 INDICATIVE LEARNING, TEACHING AND ASSESSMENT ACTIVITIES

The learning and teaching strategy is designed to promote a student centred approach to the acquisition of specialist knowledge through keynote lectures and seminars. A selection of practical sessions will be used to develop an understanding of core concepts relevant to organismal nutrition.

The principles and concepts of organismal nutrition will be delivered through a mix of lectures and seminars and will be supported by open learning (detailed below). Students are expected to participate in supported open learning throughout the module. Supported open learning includes the reading of key texts, journal articles and additional paper-based materials.

Through a range of practical sessions students will gain an appreciation of organismal nutrition in terms of human physiological processes throughout the lifecycle.

The module will make use of a range of materials. Typically, students will have access to:

- A module "booklet" containing the module outline, details of the programme of study, directed readings and assessments;
- Specialist laboratory facilities and technical support;
- ICT applications;

4 INDICATIVE MODULE CONTENTS / TOPICS

- The digestion of food, absorption of nutrients and excretion of associated waste products.
- The biological effect of inert ingesta.
- The role of diet, food and nutrition in optimal health and the prevention and causation of disease.
- The physiological control of food intake.
- Energy and nutrient balance in relation to body composition.
- The nutritional physiology of fertility, reproduction and lactation.
- Homeostasis and homeorhesis in human nutrition.

FURTHER INFORMATION ABOUT THIS MODULE

- FURTHER / ADDITIONAL INFORMATION IS AVAILABLE TO SUPPORT THIS MODULE, INCLUDING <u>ASSESSMENT CRITERIA</u> DETAILING HOW YOUR PERFORMANCE IN THE MODULE WILL BE MEASURED, HOW YOU WILL RECEIVE FEEDBACK, DETAILS OF LEARNING RESOURCES AND KEY READINGS
- THIS INFORMATION CAN BE FOUND IN:
 - Module Handbook
 - Module Blackboard site
- NOTE THAT THIS ADDITIONAL INFORMATION MAY BE SUBJECT TO CHANGE FROM YEAR TO YEAR