

MODULE DESCRIPTOR

Module Title

Applied Sports Nutrition

Reference	HSM051	Version	2
Created	March 2018	SCQF Level	SCQF 11
Approved	June 2008	SCQF Points	15
Amended	July 2018	ECTS Points	7.5

Aims of Module

To enable the student to apply the knowledge and principles of nutrition to the specific needs of sporting individuals.

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

- 1 Critically evaluate the nutritional implications of the physiological and biochemical demands of training and competition in different sports.
- 2 Assess and critically evaluate the nutritional requirements and dietary adequacy of an athlete, applying a variety of assessment methods.
- 3 Discuss the evidence-base for the role of nutrition in enhancing sports performance.
- 4 Critically evaluate health and performance benefits of nutritional supplements and ergogenic aids.

Indicative Module Content

Macro- and micronutrient requirements for athletic performance; fluids and electrolytes; exercise physiology and metabolic pathways; dietary analysis; nutritional recommendations; timing of nutrient intake; menu planning; ergogenic aids.

Module Delivery

Online distance learning and full time on campus.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	22	22
Non-Contact Hours	128	128
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	150
<i>Actual Placement hours for professional, statutory or regulatory body</i>		

ASSESSMENT PLAN

If a major/minor model is used and box is ticked, % weightings below are indicative only.

Component 1

Type: Coursework Weighting: 100% Outcomes Assessed: 1, 2, 3, 4
 Description: Component 1 is a coursework.

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

Component 1 (Coursework) comprises 100% of the module grade. To pass the module, a D grade is required.

Module Grade	Minimum Requirements to achieve Module Grade:
A	A
B	B
C	C
D	D
E	E
F	F
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	HS2126 Food and Nutrition (or equivalent)
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

- 1 JEUKENDRUP, A. and GLEESON, M., 2024. Sport nutrition: an introduction to energy production and performance. 4th ed. Champaign, IL: Human Kinetics.
- 2 BURKE, L., DEAKIN, V. and MINEHAN, M. 2021. Clinical Sports Nutrition. 6th ed. New York: McGraw Hill.
- 3 CAMPBELL, B. 2013. Sports nutrition: enhancing athletic performance. Hoboken. Taylor and Francis
- 4 BEAN, A., 2022. The Complete Guide to Sports Nutrition. 9th ed. London: Bloomsbury Publishing.
- 5 McCARDLE, W.D., KATCH, F.I. and KATCH, V.L., 2023. Exercise Physiology, energy, nutrition and human performance, 9th Edition. London: Lipincott, Williams and Williams.