



جامعة البحرين

University of Bahrain

College of Science

Department of Biology

## M.Sc. in Nutrition and Dietetics

### Program Identity

The M.Sc. Program is offered and managed by the Department of Biology. It requires completion of 33 credit hours of graduate courses, a research project (thesis), and a practical training in dietetics (8 weeks) in a recognized institution. Students can pursue either nutrition or dietetics tracks to emphasize their preferences.

### Program Mission

The Program provides a postgraduate level proficiency in nutrition and dietetics through education and research, and the mentoring of future specialists.

### Target groups

This program is designed for students with an undergraduate degree in any of the followings areas: Nutrition, Biology, Chemistry, Food Science and Technology, Health Sciences, Health Education, Bio-health, Life and related sciences.

### Admission Requirements

In order to be accepted as a postgraduate student in the M.Sc. Program in Nutrition and Dietetics, the applicant must meet the UOB admission requirements including

1. The applicant should have a B.Sc. from the UOB or any recognized institution with a minimum grade point average of 2.67 (on a 4.0 scale or equivalent).
2. An English proficiency certificate: i.e. TOEFL paper-based (PBT) score of 500, or internet-based score (IBT) of 61, computer-based (CBT) of 173, or IELTS of 6.
3. Pass a personal interview.



## Program Details Required Courses

### Course Code

BIONU 500: Principles of Nutrition	3Cr
BIONU 501: Nutritional Epidemiology	2Cr
BIONU 502: Biostatistics	2Cr
BIONU 503: Research Methods	2Cr
BIONU 504: Biochemistry and Physiology of Nutrition	3Cr
BIONU 505 Therapeutic Nutrition	2Cr
BIONU 506: Nutrition Policy and Management	2Cr
BIONU 507: Seminar	1Cr
BIONU 508: Community Nutrition	3Cr
BIONU 510: Dietetic Internship	1Cr
BIONU 599: Thesis	6Cr

## Electives courses (3 cr each) Nutrition track (select 2 courses)

BIONU 520: Human Nutrition in the Life cycle  
BIONU 521: Sports Nutrition  
BIONU 522: Food and Nutritional Toxicology  
BIONU 523: Phytochemicals in Health  
BIONU 524: Ethno-nutrition and Health  
BIONU 525: Genetic Aspects of Nutrition  
BIONU 526: Nutrition and Immunology  
BIONU 527: Nutritional Problems in the Arab World

**OR**

## Dietetics track (select 2 courses)

BIONU 530: Counseling and Communication skills  
BIONU 531: for Dietitians  
BIONU 532: Nutrition Assessment Food Services

## Career Opportunities

### Possible careers for successful graduates:

#### Nutritionists (public or private sectors)

- Technical nutrition advisors
- Nutrition/ food journalist
- Food and health product sales
- Teaching and education
- Research into nutrition and food science
- Health promotion (health and fitness clubs)
- Food service establishments
- Quality control in food industries
- Community food service management in nursing homes, prisons, and other public institutions.
- Clinical dietitian (public or private sectors)

## Areas of Potential Research

### Major research areas of faculty members participating in this program:

- Antioxidants and free radical biology
- Community nutrition assessment
- Dietary flavonoids
- Food composition and food analysis
- Food safety and food microbiology
- Food and nutrient toxicology
- Health promotion/ and disease prevention
- Natural products and phytochemicals
- Nutrition assessment
- Nutritional biochemistry and physiology
- Probiotics
- Public health nutrition
- Sociology of nutrition
- Sport nutrition

## Contact Details

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