

5.3 DIETETICS

Introduction

The Dietetics programme is a full time programme offered over 4 years or 8 semesters. Graduates will be awarded the Bachelor of Health Science (Dietetics). The programme will help to fulfil the needs for Dietitians in Malaysia. Students will be exposed to all aspects of food care and nutritional requirements for patients especially those requiring special diets as well as knowledge of community nutritional requirements. The graduates are expected to be able to function as dietitians as well as consultants in related fields and in the field of nutrition as therapeutic food.

Core Courses in the Dietetics Programme

| No. | Course Code | Title of Core Courses in the Dietetics Programme | Unit |
|-----|-------------|--|------|
| 1. | GTU101/3 | Structure and Function of Humans I | 3 |
| 2. | GTU103/3 | Fundamental of Health Informatics | 3 |
| 3. | GTU104/3 | Structure and Function of Humans II | 3 |
| 4. | GTU105/3 | Psychology and Behavioural Sciences | 3 |
| 5. | GTU202/3 | Health and Society | 3 |
| 6. | GTU302/3 | Biostatistic | 3 |
| 7. | GTU301/3 | Ethics and Law for the Health Professionals | 3 |
| 8. | GTU304/3 | Research Methodology | 3 |
| 9. | GTN102/4 | Food Science | 4 |
| 10. | GTN202/3 | Principles of Food Preparation | 3 |
| 11. | GTN208/3 | Nutritional Biochemistry | 3 |
| 12. | GTN213/4 | Principles of Nutrition | 4 |
| 13. | GTN214/4 | Nutrition in a Life Cycle | 4 |
| 14. | GTN215/3 | Nutrition for Health and Fitness | 3 |
| 15. | GTN216/4 | Food Analysis | 4 |
| 16. | GTN217/4 | Assessment of Nutritional Status | 4 |
| 17. | GTN309/3 | Nutrition and Diseases | 3 |
| 18. | GTN311/3 | Food Service Management | 3 |
| 19. | GTN315/4 | Community Nutrition and Dietetics Services Practicum | 4 |
| 20. | GTN316/3 | Food and Nutritional Toxicology | 3 |
| 21. | GTN317/4 | Food Microbiology | 4 |
| 22. | GTN407/3 | Nutrition and Dietetics Seminar | 3 |
| 23. | GTN408/4 | Food Service and Industry Practicum | 4 |
| 24. | GTD212/3 | Dietetics Skills and Communication | 3 |
| 25. | GTD311/3 | Principles of Medical Nutrition Therapy I | 3 |
| 26. | GTD321/3 | Therapeutic Diet Preparation | 3 |
| 27. | GTD323/3 | Principles of Medical Nutrition Therapy II | 3 |

| No. | Course Code | Title of Core Courses in the Dietetics Programme | Unit |
|-------------------|-------------|--|------------|
| 28. | GTD324/3 | Outpatient Dietetics Practicum I | 3 |
| 29. | GTD325/3 | Dietetics Practicum in the Ward I | 3 |
| 30. | GTD326/3 | Dietetics Practicum in Special Unit I | 3 |
| 31. | GTD406/3 | Outpatient Dietetics Practicum II | 3 |
| 32. | GTD407/3 | Dietetics Practicum in the Ward II | 3 |
| 33. | GTD408/3 | Dietetics Practicum in Special Unit II | 3 |
| 34. | GTD410/6 | Research Projects in Dietetics | 6 |
| Total Unit | | | 113 |

Programme Learning Outcome

At the end of the programme, the graduates will be able to:

- PO1: Apply knowledge in nutrition and dietetics for problem identification, formulation and solution.
- PO2: Apply in-depth dietetics knowledge to analyse, interpret, evaluate and improve nutritional status of patients in hospital and community in general.
- PO3: Demonstrate critical thinking and scientific knowledge in dietetics.
- PO4: Communicate effectively as an individual and in groups.
- PO5: Demonstrate the ability to work as a team in healthcare settings.
- PO6: Demonstrate professional ethics and moral values in their profession.
- PO7: Undertake professional development and engage in life-long learning.
- PO8: Integrate knowledge in nutrition and dietetics in entrepreneurship.
- PO9: Demonstrate the ability to be a leader among the healthcare professionals.

Recommended Registration Guidelines for the Core Courses of the Dietetics Programme

| Code | Core Course | Unit | Code | Core Course | Unit |
|--------------------------|------------------------------------|-------------|---------------------------|---|-------------|
| Year 1 Semester I | | | Year 1 Semester II | | |
| GTU101/3 | Structure and Function of Humans I | 3 | GTU104/3 | Structure and Function of Humans II | 3 |
| GTU103/3 | Fundamental of Health Informatics | 3 | GTU105/3 | Psychology and Behavioural Sciences | 3 |
| GTN102/4 | Food Science | 4 | GTU202/3 | Health and Society | 3 |
| | | | GTN213/4 | Principles of Nutrition | 4 |
| | | 10 | | | 13 |
| Code | Core Course | Unit | Code | Core Course | Unit |
| Year 2 Semester I | | | Year 2 Semester II | | |
| GTN202/3 | Principles of Food Preparation | 3 | GTN216/4 | Food Analysis | 4 |
| GTN208/3 | Nutritional Biochemistry | 3 | GTN217/4 | Assessment of Nutritional Status | 4 |
| GTN214/4 | Nutrition in a Life Cycle | 4 | GTD212/3 | Dietetics Skills and Communication | 3 |
| GTN215/3 | Nutrition for Health and Fitness | 3 | GTU301/3 | Ethics and Law for the Health Professionals | 3 |
| | | 13 | | | 14 |

Recommended Registration Guidelines for the Core Courses of the Dietetics Programme

| Code | Core Course | Unit | Code | Core Course | Unit |
|--------------------------|--|-------------|---------------------------|--|-------------|
| Year 3 Semester 1 | | | Year 3 Semester II | | |
| GTN315/4 | Community Nutrition and Dietetics Services Practicum | 4 | GTD324/3 | Outpatient Dietetics Practicum I | 3 |
| GTN309/3 | Nutrition and Disease | 3 | GTN311/3 | Food Service Management | 3 |
| GTD311/3 | Principles of Medical Nutrition Therapy I | 3 | GTD323/3 | Principles of Medical Nutrition Therapy II | 3 |
| GTN316/3 | Food and Nutritional Toxicology | 3 | GTD321/3 | Therapeutic Diet Preparation | 3 |
| GTU302/3 | Biostatistics | 3 | GTN317/4 | Food Microbiology | 4 |
| | | | GTU304/3 | Research Methodology | 3 |
| | | 16 | | | 19 |
| Code | Core Course | Unit | Code | Core Course | Unit |
| Year 4 Semester 1 | | | Year 4 Semester II | | |
| GTD325/3 | Dietetics Practicum in the Ward I | 3 | GTD407/3 | Dietetics Practicum in the Ward II | 3 |
| GTN408/4 | Food Service and Industry Practicum | 4 | GTD408/3 | Dietetics Practicum in Special Unit II | 3 |
| GTD326/3 | Dietetics Practicum in Special Unit I | 3 | GTN407/3 | Nutrition and Dietetics Seminar | 3 |
| GTD406/3 | Outpatient Dietetics Practicum II | 3 | GTD410/6 | Research Projects in Dietetics | (3) |
| GTD410/6 | Research Projects in Dietetics | (3) | | | |
| | | 16 | | | 12 |