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# University of Pretoria Yearbook 2017

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## Medical nutrition therapy 323 (MNX 323)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Health Sciences</a>
<b>Module credits</b>	34.00
<b>Programmes</b>	<a href="#">BDietetics</a>
<b>Prerequisites</b>	3rd-year status
<b>Contact time</b>	2 discussion classes per week, 4 lectures per week
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Human Nutrition
<b>Period of presentation</b>	Semester 2

### Module content

Relationships between obesity, hypertension, cardiovascular disease, insulin resistance and concomitant health risks. Aetiology, pathophysiology and manifestation(s) of type 1 and type 2 Diabetes Mellitus, gestational diabetes and impaired glucose tolerance; principles and practices of medical nutrition therapy of diabetes mellitus integrated with medical/pharmacological treatment; dietary treatment/prevention of complications; dietary adaptations when exercising and life style/behaviour modification. Aetiology and clinical manifestations of cardiovascular; principles and practices of medical nutrition therapy in CVD. Aetiology and clinical manifestation(s) of renal disease conditions; principles and practices of medical nutrition therapy in renal conditions (nephritic syndrome, nephrotic syndrome, acute and chronic renal failure, nephrolithiasis). Nutrient-drug interactions. Metabolic response to acute and chronic stress. Principles of special nutritional care, special feeding methods and products required for injured/critically ill patients. Appropriate practical assignments and case studies

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