






You will study dietary, lifestyle and healthy eating patterns with specific focus on nutrients in food, how the body uses nutrients, and the relationship between diet, health, emerging trends and disease. You will investigate how the food and nutritional needs of different population demographics are affected by food availability, production development and ecological sustainability.

SACE Stage 1
one semester

 Engage <i>Skills</i>	 Extend <i>Knowledge</i>	 Enrich <i>Experiences</i>
<ul style="list-style-type: none"> • Design and conduct investigations using appropriate methodologies. • Obtain, record, and display findings of investigations, using appropriate conventions and formats. • Analyse and interpret data and information to formulate logical conclusions. • Evaluate methodologies and research processes and their effect on data or findings. • Demonstrate deep and broad knowledge and understanding of a range of nutrition concepts. • Apply nutrition concepts in familiar and unfamiliar contexts. • Explore and understand the relationship between nutrition science and society. • Communicate nutrition concepts and nutrition literacy and numeracy. 	<ul style="list-style-type: none"> • Macronutrients and overnutrition • Micronutrients and undernutrition • Dietary disorders • Specific foods and nutrition value • Future foods • Harvest to plate • Water quality and health • Famine • Sustainable food futures • Waste management • Food banks 	<ul style="list-style-type: none"> • UniSA STEM opportunities – STEM Girls on Campus, others as they arise via STEM Girls Academy • Science Olympiads (optional) • Oliphant Awards (optional) • National Youth Science Forum (optional) • STEM Tour (optional – offered every two years)

 Assessments/Outcomes	 Pathways
<p>Science as a Human Endeavour investigation, Practical investigation, Case study</p>	<p>Career Pathways: Dietitian, Doctor, Food Technologist, General Practitioner, Health Coach, Health Promotion, Officer, Nurse Nutritionist, Paediatric Dietitian, Sports Dietician and Teacher.</p>