Department	Physics
Course Code	SUPE 212
Course Title	Science for Life
No. of Credits	03
Pre-requisites	None
Core/ Supplementary	Supplementary

Aim(s): To provide the necessary knowledge to explain common phenomena in everyday life using basic sciences and to improve the quality of life using science as an important base.

Intended Learning Outcomes:

On successful completion of the course, the students should be able to:

- Explain the fundamentals of basic sciences.
- Identify the science behind common phenomenon of everyday life
- Apply scientific knowledge to find solutions for problems in daily life.
- Devise precautions to conserve the environment and safeguard societyusing scientific knowledge.
- Restate basic sciences to primary school students.

Time Allocation (Hours):	Lectures: 45	Notional Hours: 150

Course content/Course description:

Introduction to the secondary school level knowledge of basic sciences; mathematics, physics, chemistry and biology; selected natural phenomena that can be explained using basic sciences and detailed explanations using fundamental scientific theories; natural resources including plants and minerals, and their industrial uses; energy production and efficient utilization; environmental pollution, protection and conservation.

Recommended Texts (if any):

- John Anderton. (2012) 'Fundamentals of Science,' , Addison-Wesley Educational Publishers Inc, USA
- Vince Mancuso. (2017) Phenomena-Driven Inquiry, Planet Magic Publishing
- Brian Clegg. (2015) 'Science for Life': A Manual for Better Living, , Icon Books Ltd
- Science Education Unit Publication. (2001)පරිසර දූෂණය සහ මානව වර්ගයාගේ අනාගතයල ඕ ලී ඉලේපෙරුම, University of Peradeniya

Assessment	**Percentage Mark**
End-Course Examination	100%