

## + Program intended learning outcomes:

Graduates of the biology program will be able to:

<b>Knowledge and understanding</b>	
<b>K1</b>	Demonstrate integrated the principles, main concepts, theories and terminology of Biology disciplines.
<b>K2</b>	Demonstrate the recent scientific developments in the fields of biology including techniques and applications of advanced fields of biology.
<b>Skills</b>	
<b>S1</b>	Formulate, and solve broadly defined scientific problems by applying knowledge of science to areas relevant to Biology.
<b>S2</b>	Formulate or design a system, process, procedure or program to meet desired needs in biology.
<b>S3</b>	Evaluate, develop and conduct biological experiments or test hypotheses, analyze and interpret data and use scientific judgment to draw conclusions and make a criticism.
<b>S4</b>	Examine microscopic specimens in laboratories basic experiments of biology in safe and effective way.
<b>S5</b>	Communicate effectively with a range of audiences, work effectively with information technology, and library resources in related to the required biology disciplines.
<b>Values</b>	
<b>V1</b>	Sustain effectively Islamic values, ethical and professional responsibilities and the impact of scientific solutions in global, economic, environmental, and societal contexts.
<b>V2</b>	Collaborate effectively within teams via establishing goals, planning tasks, meeting deadlines, and analyzing risk and uncertainty.