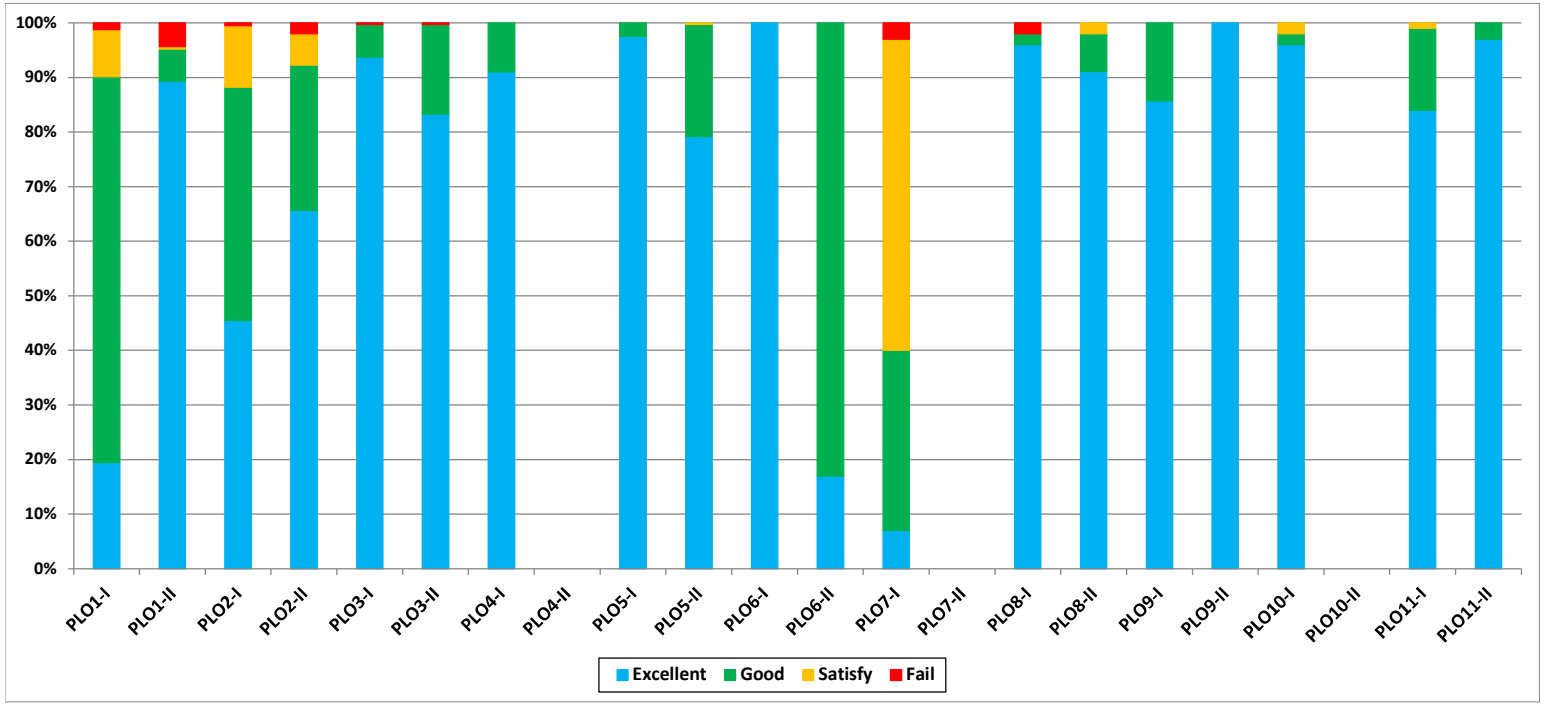
PROGRAMME LEARNING OUTCOMES ACHIEVEMENT REPORT

Degree	: Bachelor
Study Program	: Science Education (UPSE)
Department	: Natural Science
Faculty	: Mathematics and Natural Sciences
Institute of Higher Education	: Universitas Negeri Surabaya
Academic Year	: 2019/2020

PROGRAMME LEARNING OUTCOME (PLO):

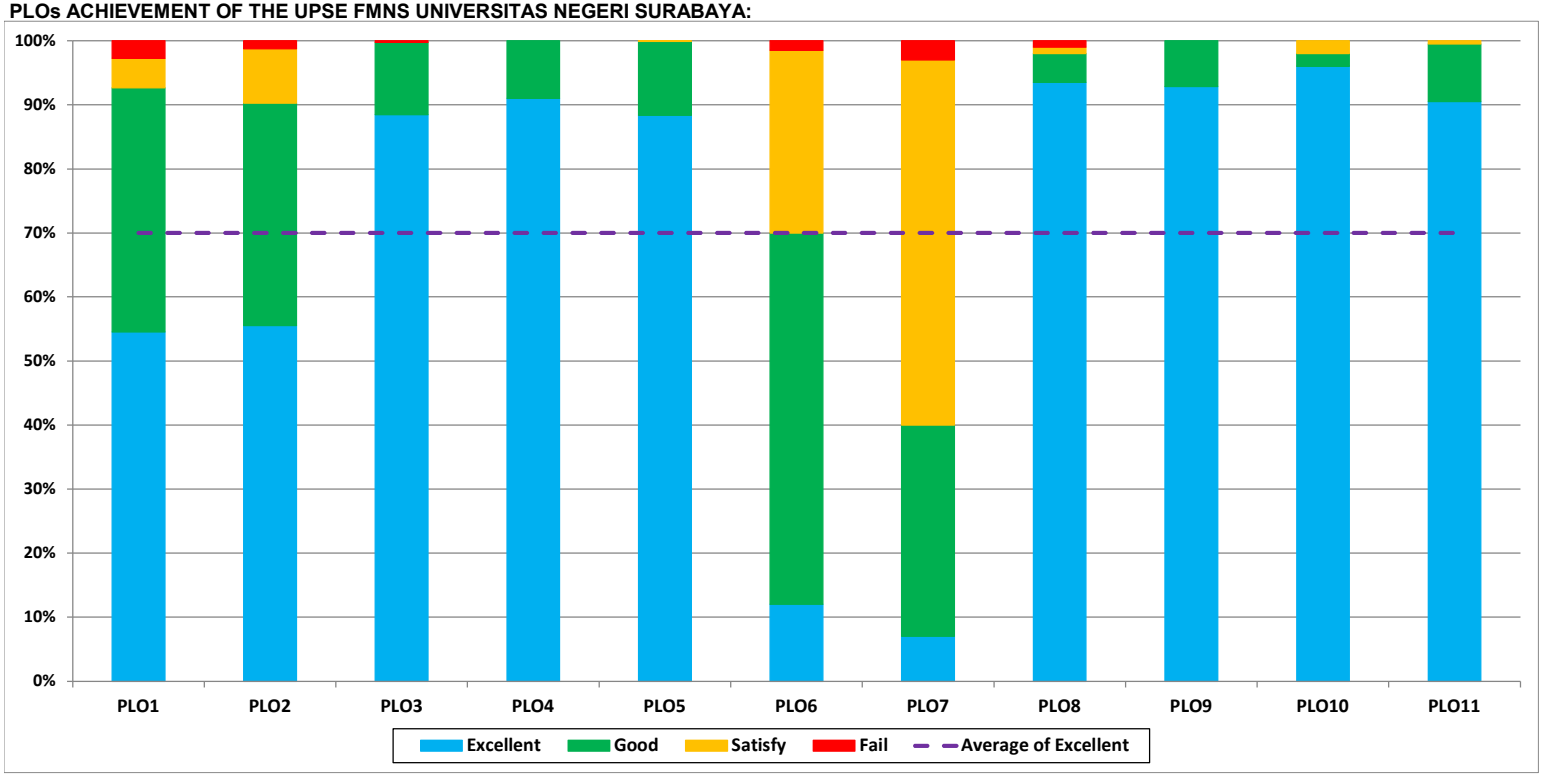
PLO1 : Demonstrate basic knowledge of physics, chemistry, and biology;
PLO2 : Demonstrate knowledge of integrated science (physics, chemistry, and biology);
PLO3 : Demonstrate pedagogical knowledge of designing, implementing, and evaluating integrated science learning;
PLO4 : Demonstrate knowledge related to science education research;
PLO5 : Design, implement, and evaluate science learning using ICT;
PLO6 : Design and conduct research about learning of integrated science, and acquire, analyse, and interpret the research data;
PLO7 : Communicate ideas and research results effectively both in oral and written forms;
PLO8 : Make decisions based on data/information in order to complete tasks and evaluate the performance that has been done;
PLO9 : Work effectively both individually and in groups, and have entrepreneurial spirits and environmental awareness;
PLO10 : Demonstrate scientific, critical, and innovative attitudes in integrated science learning, laboratory activities, and professional-related tasks; and
PLO11 : Demonstrate religious and cultural values as well as academic ethics in carrying out their professional-related duties.

PLOs ACHIEVEMENT ON EACH SEMESTER TERM:



Note: "I" for odd semester & "II" for even semester

PLOs ACHIEVEMENT OF THE UPSE FMNS UNIVERSITAS NEGERI SURABAYA:



PROGRAMME EDUCATIONAL OBJECTIVES EVALUATION REPORT

Degree	: Bachelor
Study Program	: Science Education (UPSE)
Department	: Natural Science
Faculty	: Mathematics and Natural Sciences
Institute of Higher Education	: Universitas Negeri Surabaya
Academic Year	: 2019/2020

PROGRAMME EDUCATIONAL OBJECTIVES (PEO):

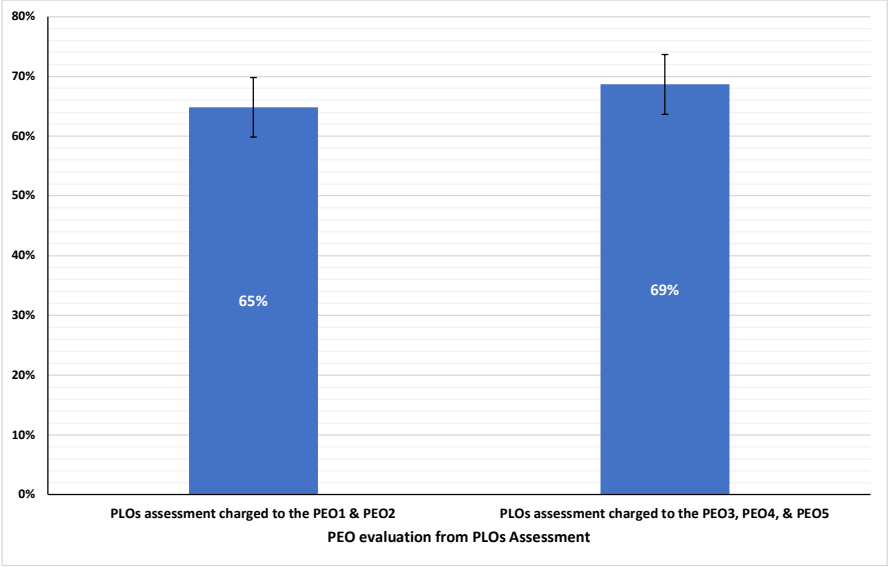
PEO1 : Mastering knowledge/skills in the field of pedagogical integrated science (physics, chemistry, and biology) to carry out their professional or entrepreneurial tasks;

PEO2 : Having responsibility in carrying out his professional duties based on professional ethics;
PEO3 : Having a strong and tough personality and be able to compete globally in carrying out the tasks of his profession or entrepreneurship;
PEO4 : Having capability to communicate and work together in carrying out professional ; and
PEO5 : Having capability to do self-development and innovations sustainably based on the situation and challenges in their professional duties.

PROGRAMME LEARNING OUTCOME (PLO):

PLO1 : Demonstrate basic knowledge of physics, chemistry, and biology;
PLO2 : Demonstrate knowledge of integrated science (physics, chemistry, and biology);
PLO3 : Demonstrate pedagogical knowledge of designing, implementing, and evaluating integrated science learning;
PLO4 : Demonstrate knowledge related to science education research;
PLO5 : Design, implement, and evaluate science learning using ICT;
PLO6 : Design and conduct research about learning of integrated science, and acquire, analyse, and interpret the research data;
PLO7 : Communicate ideas and research results effectively both in oral and written forms;
PLO8 : Make decisions based on data/information in order to complete tasks and evaluate the performance that has been done;
PLO9 : Work effectively both individually and in groups, and have entrepreneurial spirits and environmental awareness;
PLO10 : Demonstrate scientific, critical, and innovative attitudes in integrated science learning, laboratory activities, and professional-related tasks; and
PLO11 : Demonstrate religious and cultural values as well as academic ethics in carrying out their professional-related duties.

PEOs EVALUATION:



ASSESMENT OF PROGRAM LEARNING OUTCOMES (PLO)

COURSE : Earth and Planetary Science
CREDIT : 3
STUDY PROGRAM : Science Education
PERIOD : 2019/2020 (1)
CIASS : 2016A, 2016B, & 2016U
PARTICIPANTS : 74

PROGRAM LEARNING OUTCOMES
PLO 2. Demonstrate knowledge of integrated science (physics, chemistry, and biology)

COURSE LEARNING OUTCOMES
CLO 1. Apply principles/laws/theories to various the Earth physical phenomena;
CLO 2. Apply principles/laws/theories to various physical phenomena in the solar system and universe;
CLO 3. Apply substantive concepts (principles/laws/ theories) in the field of the Earth and planetary science in making science learning media;
CLO 4. Design and conduct the Moon observation experiments based-on substantive and procedural concepts.

CLO-PLO CORRELATION

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11
CLO1		V									
CLO2		V									
CLO3		V									
CLO4		V									

ASSESMENT PLAN

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11
CLO1		Assignment, Mid-semester test									
CLO2		Assignment, Final semester test									
CLO3		Assignment, Final semester test									
CLO4		Assignment, Final semester test									

STUDENTS' PERFORMANCE

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11
Excellent		66%									
Good		34%									
Satisfy		0%									
Fail		0%