



Universitas Negeri Jakarta

Diploma Supplement

The purpose of the Diploma Supplement is to provide sufficient independent data to improve the international 'transparency' and fair academic and professional recognition of qualifications (diplomas, degrees, certificates etc.). It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the individual named on the original qualification to which this supplement is appended. It is free from any value judgements, equivalence statements or suggestions about recognition. This Diploma Supplement model was developed by the European Commission, Council of Europe and UNESCO.

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1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION	
1.1. Last Name [REDACTED]	1.2. First Name Amira Zahra
1.3. Date of Birth (dd/mm/yy) [REDACTED]	1.4. Student Identification Number Code (if available) [REDACTED]
2. INFORMATION IDENTIFYING THE QUALIFICATION	
2.1. Name of qualification and title Conferred (in original language) Bachelor of Physics Education	2.2. Main fields) of study for the qualification Physics Education (Study programme)
2.3. Name and status of awarding institution (in original language) Universitas Negeri Jakarta	
2.4. Name and status of institution administering studies Same as 2.3	2.5. Language (s) of instruction/examination Indonesian Language
3. INFORMATION ON THE LEVEL AND DURATION OF THE QUALIFICATION	
3.1. Level of qualification Bachelor Degree	3.2. Official duration of programme in credits years 3.5 years, 2 semesters per year, 14 weeks of lecture, 2 week exam period per semester, (range).....ECTS
3.3. Access requirement(s) Based on the Minister of Research, Technology and Higher Education Regulation Number 126 of 2016 concerning new student admissions for undergraduate programme at University, carried out through: National Selection for State Universities (SNMPTN), Joint Selection for State Universities (SBMPTN), and Independent Selection. The SBMPTN is a selection based on the results of a written exam in printed form (paper-based testing) or using a computer (computer based testing), or a combination of the results of a written exam and a skill test for prospective students, conducted jointly under the coordination of the central committee.	
4. INFORMATION ON THE PROGRAMME COMPLETED AND THE RESULTS OBTAINED	

4.1. Mode of Study		4.2. Programme requirement(s)	
Full-time		<p>The Bachelor's Degree is awarded to students who have successfully completed all courses in the curriculum, and have obtained accumulative grade point average of at least 2.0 on scale 1.0-4.0</p> <p>Objective: Program Education Objectives of Bachelor of Education Program are to have graduated as educators, researchers, and consultants in the field of Biology Education, which is described as follows</p> <ol style="list-style-type: none"> 1. Be able to master basic concepts and methodology of physics education and apply it to a broader field by utilizing science and technology developments to discover solutions according to their field of work. 2. Be able to expand their knowledge through further study of formal and informal higher education. 3. Be able to collaborate actively and effectively in a team, communicate ideas, and have managerial skills on related fields. 4. Be able to have creative, innovative, and adaptive personality towards the advancement of science and technology according to their field of work. 	
4.3. Programme detail			

Code	Course	Credit
00051262	Basic Social and Cultural Sciences	2
32251021	Basic Physics Laboratory I	1
32510121	Calculus I	4
30051121	Olympism	1
32151013	Basic Physics I	3
30050022	Philosophy of Mathematics and Natural Sciences	2
00053074	Educational Foundation	4
30050042	English Language	2
33150013	General Chemistry	3
32152192	Introduction to Information Technology	2
32150334	Calculus II	4
34251632	General Biology	2
00052312	Professionalism for Educators and Educational Staff	2
00052033	Islamic Education	3
00051142	Indonesian Language	2
32151253	Basic Physics II	3
32150281	Basic Physics Laboratory II	1
00052102	Learner Development	2
32156021	Laboratory Practice for Modern Physics	1
32150173	Modern Physics	3
32152031	Computer Programming Practice	1
32152022	Computer Programming	2

32153154	Electronics	4
32153021	Electronics Practice	1
32154114	Mathematical Physics I	4
00052144	Learning and Teaching Theory	4
00051122	Pancasila Education	2
32152303	Computational Physics	3
32150302	Physics Curriculum Review	2
32152134	Waves	4
32151102	Instructional Material Development	2
32155114	Mathematical Physics II	4
32252051	Computational Physics Practice	1
32150402	Entrepreneurship	2
32255044	Magnetic Electricity	4
32151242	English for Teaching	2
00051112	Citizenship Education	2
32153133	Thermodynamics	3
32150213	Quantum Physics	3
32151152	Instructional Media Development	2
32155014	Classical Mechanics	4
32154053	Basic Statistics	3
32151302	Laboratory Management	2
32151183	Assessment of Science Learning	3
32150252	Science Teaching Strategies	2
32156013	Introduction to Nuclear Physics	3
32151192	Science Instructional Design	2
32151283	Educational Research Methodology	3
32150243	Introduction to Solid-State Physics	3
32150223	Statistical Physics	3
32150222	ICT-Based Physics Learning	2
32151332	Environmental Physics Education	2
32151264	Teaching Skills	4
32150114	Implementation of instructional media development in schools	4
30052072	Pre-Thesis Seminar	2
32150074	Implementation of instructional materials development in schools	4
32150124	Implementation of instructional assessment instruments in schools	4
KM-00016	Teaching Skills Practice (PKM)	6
30054024	Thesis	4

Number of Courses = 59

Total Credits = 159 (266,5 ECTS)


Total Weight = 565,0

GPA = $\frac{\text{Credit x weight}}{\text{Total Credit}} = \frac{565,0}{159} = 3,55$

Judicium = Very Good

4.4. Grading system and, if available, grade distribution table	4.5 Overall classification of the qualification (in original)
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						language)
Letter Grades	Grade	% point	Number of graduates	% of each evaluation	Traditional grading system	N.A.
A	4	86-100			Excellent	
A-	3,67	81-85			Very good	
B+	3,33	76-80				
B	3	71-75				
B-	2,67	66-70			Good	
C+	2,33	61-65				
C	2	56-60			Satisfactory	
C-	1,67	51-55				
D	1,7	46-50			Fail	
E	0	0-45				

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION	
5.1. Access to further study	5.2. Access to a regulated profession (if applicable)
May apply for Master Degree	This degree enables the holder to practice the profession
6. ADDITIONAL INFORMATION	
6.1. Additional information	6.2. Further informations
N.A	Program Degree of Physics Education, www.fmipa.unj.ac.id
7. CERTIFICATE of SUPPLEMENT	
7.1. Date	7.2. NAME AND SEGINATURE
February, 28 th 2023	
7.3. Capacity	
Dean of Faculty of Mathematic and Science	Prof. Dr. Muktiningsih, M.Si NIP. 196405111989032001

8. INFORMATION ON THE NATIONAL EDUCATION SYSTEM
<p>Structure and Degree System</p> <p>The educational system in Indonesia is structured in streams consisting of formal education, nonformal education, and informal education. Formal education consists of three levels—basic, secondary, and higher education—and includes several types—general, vocational, professional, vocational-technical, religious, and special education. Early childhood education and Kindergartens are provided prior to basic education in all streams (formal, non-formal, and informal education). Basic education lays a foundation for secondary education and takes place in two stages: primary, Grades 1 to 6 (ages 7 to 12), and junior secondary, Grades 7 to 9 (ages 13 to 15). Secondary education (Grades 10 to 12, ages 16 to 18) is the continuation of basic education and comprises general secondary and vocational secondary education.</p> <p>Two major categories in the Higher Education System in Indonesia are academic higher education (<i>pendidikan tinggi akademik</i>) and specific higher education (<i>pendidikan tinggi spesifik</i>). Government and private sector institutions can provide higher education in the form of universities (<i>universitas</i>), institutes (<i>institut</i>), polytechnics (<i>politeknik</i>), colleges/schools (<i>sekolah tinggi</i>), academies (<i>akademi</i>), and community colleges (<i>akademi komunitas</i>). Learning</p>

outcomes in higher education are part of the autonomous rights of each higher education institution. Each study program may choose to compile its own learning outcomes or tailor one based on a given template.

In the Indonesian education system, graduates of four-diploma and undergraduate programs have at least mastered the theoretical concepts of certain areas of knowledge and skills in general and the theoretical concepts of specific sections in these areas of knowledge and skills in depth. the calculation of the learning load in the block system, module, or other form is determined according to the needs in meeting learning outcomes. Bachelor's degree is obtained after a person has studied 4-7 years in a university. a minimum study load of 144 credits (216 ECTS). The Master Degree obtained in 2-4 years, a minimum study load 36 SKS (90 ECTS).

In higher education of Indonesia, the acquirement of competences in attitude, knowledge, and skills is partially obtained through work experience, which is either generally categorized as an internship (*kerja praktik*) or an apprenticeship (*pemagangan*). It is important to note that in practice the term internship is often used interchangeably among higher education institutions with fieldwork practice (*praktik kerja lapangan*), community service studies (*kuliah kerja nyata*), or a varied version of the three terms.

The Indonesian Qualification Framework (IQF). Based on the Presidential Decree Number 8/2012, The Standard Qualification of Higher education in Indonesia refers to Kerangka Kualifikasi Nasional Indonesia (the Indonesian National Qualification Framework, hence shorten as KKNI). Expected learning outcomes are formulated very clearly, because they are based on the formulation of KKNI and Standar Nasional Pendidikan Tinggi (National Standard for Higher Education, hence shorten as SN DIKTI). The Standard of Under graduated program based on The Indonesian Qualification Framework is level 6 and 7.

