



Consistency with National Qualifications Framework — (Level 6 - Bachelor's Degree or Equivalent).

Institution: Imam Mohammad Ibn Saud Islamic University

College/Institute: Science

Qualification awarded (according to Graduation Certificate): **BACHELOR OF SCIENCE IN PHYSICS**

The NQF-KSA constitutes a comprehensive and uniform structure for building, organizing, and categorizing qualifications into levels based on learning outcomes. Furthermore, it is a functional tool to bridge recognized national or international qualifications; (Educational and Training), with the levels of the National Qualifications Framework in Saudi Arabia.

For further information, refer to the ([National Qualifications Framework](#)).



A. Qualification Details:

Institution:	Imam Mohammad Ibn Saud Islamic University	
College/Institute:	Science	
Program Qualification (according to the Graduation Certificate)	BACHELOR OF SCIENCE IN PHYSICS	
Qualification Name	<input checked="" type="checkbox"/> Bachelor's degree <input type="checkbox"/> Higher Diploma <input type="checkbox"/> Professional Master <input type="checkbox"/> Applied Master	<input type="checkbox"/> Equivalent: (specify)
Area of specialization (According to Saudi Standard Classification of Educational Levels and Specializations)	Natural Sciences, Mathematics and Statistics	
Qualification Type	<input checked="" type="checkbox"/> Academic <input type="checkbox"/> Vocational	<input type="checkbox"/> Applied <input type="checkbox"/> Technical
Qualifications Types by Dominoes:	<input checked="" type="checkbox"/> Primary Qualification <input type="checkbox"/> Additional Qualification	
Major track/pathway (if any)	N.A.	

(*) "Or equivalent" means qualifications that are equivalent to qualifications in terms of level, may have the same name, but their type varies (academic - research - professional - applied technology) or have another name, but they meet the requirements of the level.

B. Early Exit Points for Educational and Training Programs:

Intermediate Exit Point	<input checked="" type="checkbox"/> Available	<input type="checkbox"/> Unavailable
Description of the Early Exit Point in the Program	87 credit hours awarded from the main program.	
The Level of the Awarded Qualification	Level Five	
Qualification Awarded at the Exit Point (According to Graduation Certificate)	Diploma of Science in Physics	

Early Exit Points Qualifications that mediate long-term educational or training programs, obtained by the learner or trainee from an awarding body if he or she achieves the target learning outcomes and the qualification placements required for a specific level. This awarded qualification does not correspond to the program's initial qualification it offers.





C. General Requirements for Qualification Placement

1. Official Approval			
The awarding institution granted official approval from the relevant education or training authority.		<input checked="" type="checkbox"/> Applicable	<input type="checkbox"/> Not applicable
https://drive.google.com/drive/folders/1u6PtF7LxmFkFPQhmVycRsH90Rlr9aed0?usp=sharing			
2. Stakeholder Engagement			
The qualified programs are designed and reviewed with the participation of Stakeholders, employers and field experts.		<input checked="" type="checkbox"/> Applicable	<input type="checkbox"/> Not applicable
3. Qualification Objectives			
The department adopted the following program goals (PG):			
PG1: Producing graduates who are well grounded in the fundamentals of Physics and acquisition of the necessary skills, to use their knowledge in Physics in a wide range of practical application.			
PG2: Developing creative thinking and the power of imagination to enable graduates work in research in academia and industry.			
PG3: Accommodating their relevant fields in allied disciplines and to allow the graduates of Physics to fit into the inter-disciplinary environment.			
PG4: Relating the training of Physics graduates to the employment opportunities, which contributes to economic and social development.			
4. Qualification Title		Bachelor of Science in Physics	
5. Qualification Components:			
Item	Requirements according to NQF	Program	Level of Compliance (to be completed by NCAAA Consultant)
Minimum credit hours (units) required	- Completion of a minimum of (120) credit hours (units) for Bachelor's qualification or equivalent. -Completion of a minimum of (24) credit hours (units) including advanced courses on a specific academic or vocational specialty after a Bachelor's Degree	174 credit hours	<input checked="" type="checkbox"/> The program meets the minimum of credit hours required.
Program duration (Minimum number)	- The study duration to obtain the qualification is usually four years or	4 years	<input checked="" type="checkbox"/> The program meets the minimum duration required in years.





of years)	a minimum of three (3) years for Bachelor or equivalent. - The study duration to obtain the qualification is one full-time year or equivalent.		
Minimum Actual (contact) hours	1800 contact hours for Bachelor's degree. 24 contact hours for Higher Diploma, Professional Master and Applied Master.	2100 contact hours	<input checked="" type="checkbox"/> The program meets the minimum actual (contact) hours required.
Enrollment conditions (According to NQF)	- Obtaining a Secondary education qualification or equivalent. - Obtain a bachelor's degree or equivalent.	Same conditions plus General Aptitude Test (GAT) and Academic Achievement Test	<input checked="" type="checkbox"/> The Program meets the minimum requirements for students' enrolment at level 4 qualification.

6. Learning Outcomes Assessment:

1. Learning Outcomes

Code	Program Learning Outcomes (PLOs)	NQF Level Descriptors of Learning Outcomes – Level 6
1	Knowledge and understanding	
1.1	Recognize a broad set of knowledge concerning the fundamental principles and concepts of physics.	A broad in-depth integrated body of knowledge and comprehension of the underlying theories, principles, and concepts in one or more disciplines or fields of work.
1.2	Outline a knowledge and specialized understanding of processes, tools, methods, and practices based on recent developments in physics.	In-depth knowledge and comprehension of processes, materials, techniques, practices, conventions, and/or terminology.
2	Skills	
2.1	Apply the concepts, principles and theories involved in addressing issues and problems in a range of different contexts.	<ul style="list-style-type: none"> Solve problems in various complex contexts in one or more disciplines or fields of work. Use critical thinking and develop creative solutions to current issues and problems, in various complex contexts, in a discipline, profession or field of work.
2.2	Critically evaluate knowledge and use it to provide innovative solutions to contemporary issues and problems in physics.	<ul style="list-style-type: none"> Apply integrated theories, principles, and concepts in various contexts, related to a discipline, profession, or field of work. Use critical thinking and develop creative solutions to current issues and problems, in various complex contexts, in a discipline, profession or field of work.





Code	Program Learning Outcomes (PLOs)	NQF Level Descriptors of Learning Outcomes – Level 6
2.3	Practice statistical methods and analysis in investigating different issues and case study research.	<ul style="list-style-type: none"> Conduct inquiries, investigations, and research for complex issues and problems. Use mathematical operations and quantitative methods to process data and information in various complex contexts, related to a discipline or field of work. Use and adapt advanced processes, techniques, tools, instruments, and/or materials in dealing with various complex practical activities.
2.4	Communicate in different ways demonstrating an understanding of theoretical knowledge, transferring knowledge and specialized skills, and sharing ideas within a variety of audience.	Select, use, and adapt various basic and specialized digital technological and ICT tools and applications to process and analyze data and information and to support and enhance research and/or projects.
2.5	Choose and use a variety of digital technology, information, communication technology tools, to process, analyze and produce data and information; to support and promote specialized research and projects.	Select, use, and adapt various basic and specialized digital technological and ICT tools and applications to process and analyze data and information and to support and enhance research and/or projects.
3	Values, Autonomy and Responsibility	
3.1	Demonstrate integrity, professional and academic ethics, participation in finding constructive solutions to some societal issues, and a commitment to responsible citizenship.	Demonstrate commitment to values, standards, and human and professional ethics and represent responsible citizenship, and coexistence with others.
3.2	Self-evaluate of the level of learning and performance, insist on achievement and excellence, and make logical decisions supported by evidence and arguments independently.	Effectively plan for and achieve academic and/or professional self-development, assess own learning and performance, and autonomously make decisions regarding self-development and/or tasks based on convincing evidence.
3.3	Lead teamwork with functional flexibility and effectiveness, and take responsibility for professional development, participating in developing the group's performance, and enhancing the quality of life.	Collaborate responsibly and constructively on leading diverse teams to perform a wide range of tasks while playing a major role in planning and evaluating joint work.

2. Learning Outcomes Assessment

Transparent and measurable evaluation criteria are implemented to ensure that Learning Outcomes have been achieved in the academic/training programs.	<input checked="" type="checkbox"/> Available	<input type="checkbox"/> Unavailable
Hyperlink	https://drive.google.com/drive/folders/1HnFIWE27DMOLzi_YZSfTMBbbvZh1eab2?usp=sharing	

