Towards a National Qualifications Framework-Jordan

NQF-J

WorkPackage 3
Piloting

University of Barcelona, 4-5 June 2018

Erasmus+

NQF-J
Towards a National Qualifications Framework for Jordan

Workpackage 3 as in the original proposal

QF Jordan was developed and approved by the government

Why NQF?

-Improving the communication of qualification systems

-Improving the transparency of individual qualifications through learning outcomes

-Reducing the ‘mismatch’ between education and the labour market

-Credit accumulation and transfer

-Recognition of prior learning

-Quality assurance systems and new regulatory, assessment, and certification mechanisms

-Reforming delivery of education and training

-Increasing private sector financial contribution

-International recognition and labour mobility

Experts from the project consortium have started the work on analyzing the existing university study programs in selected disciplines to check on their compatibility with the approved Jordan-NQF.

- Qualification design started in the absence of level descriptors, and qualifications were placed on the framework prior to the creation of level descriptors.

-pilot implementation of NQFs

- incremental process, building on a series of preceding reforms

The Modified Piloting Activities

Guidelines for piloting NQF

Universities Involved

Y**armouk University-YU**

Jordan University-JU

Mutah University-MU

Hashemite University-HU-German-Jordanian University-GJU

Yarmouk University-Chemistry

NQF-B.Sc. In Chemistry

NQF-M.Sc. In Chemistry

Jordan University

BA Education

MA Education

PhD Education

Mutah University

BA in Business

MA Business

PhD Business

Qualification frameworks can be utilized as primarily grids of level descriptors on which existing qualifications can be organized, and through which existing qualifications can be understood, - The frameworks can provide the base against which assessment and certification bodies can assess and certify study programs

All universities are required to revise their current study plans and make them outcomes-based qualifications

Level 6: Honorary BSc

Knowledge

Detailed knowledge of concepts, terminology and classification systems related to a particular subject area of science.

Good knowledge of the current developments of the subject area including current theories and applications and their limits.

Good understanding of major theories and principles, concepts, and methods of scientific research associated with the subject area.

Good knowledge in basic mathematical, statistical and computational methods applied to problems related to the subject area of science.

Fair knowledge of legal, ethical and philosophical issues regarding the subject area of science.

Level 6: Honorary BSc

Skills

Demonstrate mastery of skills and tools to conduct professional and advanced technical activities in the subject area of science.

Apply theoretical knowledge in the subject area to formulate and solve scientific problems.

Work within a group or lead a group in student projects, seminars and other curricular activities in the subject area of science.

Work independently in solving problems within limited time and resources.

Operate laboratory equipment, take data, record it and interpret it.

Level 6: Honorary BSc

Competencies

Demonstrate self-learning ability to cope with advances in the subject area of science.

Take appropriate decisions regarding technical activities and group projects and accept responsibility for those decisions.

Apply knowledge, analytical skills and critical thinking ability to tackle problems in a changeable environment.

Demonstrate the ability to recognize the current scientific issues in concern to society and indulge actively in trying to solve them.

Behave ethically in everyday issues at work.

Level 7: MSc

Knowledge

Demonstrate advanced knowledge of theory and practice in the science realms and specialized insight in a limited area.

Demonstrate knowledge and understanding that form the basis for the development and application of independent ideas and reflect critically on theory and applications.

Express interdisciplinary understanding of theories and principles in relevant and related subject fields.

Demonstrate knowledge in current and emerging issues related to the subject field.

Level 7: MSc

Skills

Apply theoretical knowledge and practical experience in assessing and solving complex issues pertaining to the subject field.

Develop new skills to a high level with aspects of innovative approaches.

Demonstrate independent learning ability required for continuing development, and integrate knowledge from inter-related fields.

Evaluate critically the findings and discussions in the literature and provide critique of current research or practices.

Demonstrate the ability to plan and execute a major project or a piece of research using suitable research techniques to arrive at the right conclusions.

Level 7: MSc

Competencies

Present leadership characters, able to work independently and in a team working context.

Act responsibly and effectively in complex situations and provide sound judgments and creative solutions.

Able to communicate and present conclusions and knowledge to scientific and non- scientific audiences.

Demonstrate ethical behavior consistent with academic regulations and can analyze relevant academic, professional and research ethical problems.

Level 8: PhD

Knowledge

Demonstrate thorough and broad knowledge in the field of specialization including both specific information and underlying theories, principles and concepts.

Demonstrate an extensive knowledge of latest developments in fields that have impact on his field of specialization.

Demonstrate systematic understanding of the research field as well as advanced and up-to-date specialized knowledge in a limited area of the field of specialization.

Demonstrate familiarity with research methodology in general and the methods of the specific field of research in particular.

Level 8: PhD

Skills

Demonstrate the capacity for scholarly analysis and synthesis as well as for reviewing and assessing new and complex phenomena, issues and situations autonomously.

Initiate and carry out major research projects that deal with complex issues aiming to create new techniques that lead to significant improvement in the field of specialization.

Analyze, criticize, induce and deduce new theories from existing ones.

Demonstrate the ability to identify and formulate issues with scholarly precision critically, autonomously and creatively.

Demonstrate through a dissertation the ability to make a significant contribution to the formation of knowledge through own research.

Level 8: PhD

Competencies

Demonstrate the ability in both national and international contexts to present and discuss research and research findings authoritatively in speech and writing and in dialogue with the academic community and society in general.

Demonstrate the ability to identify the need for further knowledge.

Demonstrate the capacity to contribute to social development and support the learning of others both through research and education.

Demonstrate intellectual autonomy and disciplinary rectitude as well as the ability to make assessments of research ethics.

Demonstrate specialized insight into the possibilities and limitations of research, its role in society and the responsibility of the individual for how it is used.