

1	Program Title	Higher Specialization in Ophthalmology
2	Program Code	NA
3	Awarding Institution	The University of Jordan
4	Level of Study	Postgraduate
5	Final Qualification	Higher Specalization/Master Degree in Ophthalmology
6	School	Faculty of Higher Education/ Faculty of Medicine
7	Department	Special Surgery
8	Duration of the Program	4 years
9	Credit hours	N/A
10	Program Accredited by	Jordan Medical Council
11	Date of production/revision	12/2020
12	Program Director (name, position, and contact details)	Dr. Nakhleh Abu-Yaghi Associate Professor Department Special Surgery/ Ophthalmology Division Faculty of Medicine, University of Jordan Tel 0798504937 n.abuyaghi@ju.edu.jo

13. Revision and Modification Type:

<input type="checkbox"/>	<i>This is a major change to a program, involving several courses or requirements.</i>
<input checked="" type="checkbox"/>	<i>This is a minor change to a program, involving the addition/revision of fewer than three courses or requirements.</i>

14. State a brief rationale for Modifying the program:

The need to modify the curriculum arose from the need to provide the postgraduate trainee with an updated training program that takes into consideration their practical and theoretical educational needs, and in response to feedback from representatives from the different medical sectors.. Moreover, the areas covered by the curriculum were reorganized to provide a more structured study plan that contains measurable intended learning outcomes to make the training and assessment of the trainees a more objective process that conforms to a set of standards and procedures that are reproducible and reliable.

15. Explain how this revision and modification relates to Job Market.

Based on discussions and feedback from stakeholders in the public and military health sectors, trainees in the field of ophthalmology, a review of the currently applied residency curriculums in other institutions, and a review of the current job market requirements, the curriculum was updated to include more detailed and measurable intended learning outcomes, and provide a more detailed learning plan for each of the four years of the program, together with more standardized assessment procedures to ensure that each trainee is competent in all the core and advanced skills that enable them to efficiently compete in the current job market after graduation.

16. Explain how this revision and modification relates to the mission and strategic plan of the University.

The mission of the University of Jordan includes the provision of quality education at all levels. This modification aims to provide measurable standards for learning and assessment that enable quality assurance and control of the educational process.

The involvement of representatives from the local job market aimed to provide feedback and specify a number of current requirements and to improve the chances of successful career progression of trainees after graduation.

Jordan University Hospital's mission is to provide high caliber medical services to patients, and residents are an essential part of the medical team. Revising and updating the curriculum to improve the educational outcomes of the program, and to help the trainees to safely and efficiently acquire the skills that allow them to provide the highest standards of care to the patients, is essential to achieve this goal.

As the mission of the University of Jordan also includes the support and advancement of research, more emphasis on research involvement of trainees has been incorporated into the curriculum.

17. Program Learning Outcomes (PLOs):

Learning outcomes have been outlined in more details in the updated curriculum in the form of a set of intended learning outcomes (ILOs) as follows:

1. Apply and integrate knowledge of basic biomedical and socio-behavioural sciences, deductive reasoning, and evidence based practice in clinical problem pertaining to all subspecialties in Ophthalmology.
2. Accurately interpret findings from history and physical examination to recognize the

presentation/s and construct a differential diagnosis for common ophthalmic complaints.

3. Select and interpret the results of the most appropriate diagnostic plan for evaluation of common ophthalmic complaints taking into consideration the nature of the clinical situation and the risks, benefits and costs to the patient.
4. Formulate management plans for common and rare ophthalmic problems taking into account the cultural and individual needs.
5. Demonstrate professional skills in outpatient procedures, basic ophthalmic surgical skills, preoperative, operative, and postoperative management of ophthalmic problems and surgical complications.
6. Recognize and effectively manage all ophthalmic emergencies.
7. Recognize ethical principles that govern decision-making in ophthalmic practice and implement the professional ethical attitude with patients and their relatives including respect of patient's confidentiality and consent and delivery of care in an honest, considerate and compassionate manner.
8. Communicate effectively with patients, recognize the psychological basis of vision loss and visual disability, and respond effectively to a patient's emotional and psychosocial concerns.
9. Analyze and discuss the methods of screening and early detection of ophthalmic diseases and monitor the effectiveness of therapy and re-evaluate management plan accordingly.
10. Maintain complete, detailed and accurate medical records and utilize information technology to manage information, access on-line medical information, and support own education and proper patient care.
11. Utilize different scientific methodologies to conduct and publish scientific research studies and present the results professionally.
12. Demonstrate effective communication with the health-care team and develop team-working and leadership skills necessary to organize work and supervise and educate junior and paramedical staff and show a commitment to continuous professional development.

18. Faculty Members:

Identify whether additional faculty will be required for teaching the revised program and plan for faculty recruitment. If no new faculty are required and the program is adding classes or substituting courses, please identify how current faculty will be able to meet this change.

The current faculty within the department is sufficient and qualified for teaching the revised curriculum as all major subspecialties are well represented among the consultants within the department, and the faculty has a collective wealth of experience and academic proficiency that is adequate for the delivery of the educational content of the curriculum, both in practice and theory.

The change to the curriculum concentrates on the reorganization and restructuring of the content of the program rather than addition of new content, and the topics covered are already taught by the existing staff.

19. Facilities and Resources:

<i>Will the program revision require additional facilities and equipment, space modification, or library services?</i>	
<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes, , please identify the specific needs in each of these areas:

20. Effect on other programs in the university.

<i>Are other programs in the university affected by this program change?</i>	
<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	Yes, indicate the programs affected:

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21. Current students:

Will current students be required to change to the revised program?	
<input type="checkbox"/>	No
<input checked="" type="checkbox"/>	<p>Yes, If yes, what is your plan for notifying current students of this and how you plan the transition of the current students to the revised program:</p> <p>The transition to the updated curriculum will involve certain changes to the organisation of the training rotations throughout the year as well as a more detailed and structured evaluation process of the trainee's progress within the program.</p> <p>Students are educated with regard to the integration of ILO oriented rotations into their training and are informed of the updated evaluation requirements.</p> <p>Transferring to the updated curriculum is designed to be seamless and smooth for existing trainees at all levels of residency.</p>

22. Provide a list of course titles of new and restructured courses.

1.	See the attached study plan
2.	
3.	
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23. Required attachments to this form:

<input checked="" type="checkbox"/>	An updated program specification form.
<input type="checkbox"/>	Course syllabi of new courses.
<input checked="" type="checkbox"/>	The modified program study plan.

Program Director: -Nakhleh Abu-Yaghi----- Signature: ----- Date: --28/12/2020--

Head of curriculum committee/Department: ----- Signature: -----

Head of Department: ---Dr. Jihad Ajlouni----- Signature: -----

Dean: ----- Signature: -----