

Course Description Form

1. Course Name:	
Heamatopathology–red blood cells disorders and bleeding disorders	
2. Course Code:	
3. Semester / Year:	
1 st semester 2023/2024	
4. Description Preparation Date:	
11/3/2024	
5. Available Attendance Forms: attendance	
6. Number of Credit Hours (Total) / Number of Units (Total):	
7. theory:10 hours/year Practical: 8 hour/year	
8. Course administrator's name (mention all, if more than one name)	
Name: dr. Alaa Abdul-Razzak Email: alaa.abood@uobasrah.edu.iq	
9. Course Objectives	
Course Objectives	<ul style="list-style-type: none"> ● Understand Red cell Disorders <ul style="list-style-type: none"> - Anemia of blood loss: Hemorrhage - Hemolytic Anemia - -Hereditary spherocytosis - -Sickle cell anemia - Thalassemia - -G6PD deficiency - -Immuno-hemolytic anemia. ● Outlines Bleeding disorders ● -Ideopathic thrombocytopenic purpura ● -Hemophilia ● -Von-Willbrand disease
10. Teaching and Learning Strategies	
Strategy	Explaining the scientific material through interactive theoretical lectures and dialogue answers with the participation of all students

Distributing students into small groups in practical lessons and discussing common disease cases through presentations that include pictures of ophthalmic and microscopic examinations of diseases, in addition to glass slides and glass models.

11. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
13 th -14 th	10	<p>Understand Red cell Disorders</p> <ul style="list-style-type: none"> - Anemia of blood loss: Hemorrhage - Hemolytic Anemia <ul style="list-style-type: none"> -Hereditary spherocytosis -Sickle cell anemia - Thalassemia -G6PD deficiency -Immuno-hemolytic anemia. Outlines Bleeding disorders <ul style="list-style-type: none"> -Ideopathic thrombocytopenic purpura -Hemophilia -Von-Willbrand disease 	Red Blood cells disorder	<p>Explaining the scientific material through interactive theoretical lecture and dialogue answer with the participation of a students</p> <p>Distributing students into small groups in practical lessons and discussing common disease cases through presentations that include pictures of ophthalmic and microscopic examinations of diseases, in addition to glass slides and glass models.</p>	<p>Electronic enrichment exams And the semi-annual exams and final exams.</p>

12. Course Evaluation

1. Mid-year exams
 The theoretical exam: 20 marks
 Practical exam: 10 marks
 Total (annual pursuit) 30 marks
2. Final exams
 The theoretical exam is 50 marks
 Practical exam: 20 marks
 The final exam total is 70 marks
- Final grade 100%

13. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Robbin's Basic Pathology 8 th Edition; Kumar, Abbas, Fausto & Mitchell 2010
Main references (sources)	Robbin's Basic Pathology 8 th Edition; Kumar, Abbas, Fausto & Mitchell 2010 Currans atlas of gross and histopathology
Recommended books and references (scientific journals, reports...)	Robbin's Basic Pathology 8 th Edition; Kumar, Abbas, Fausto & Mitchell 2010 2-Muir's Text Book of Pathology, 13 th Edition; Roderick N M MacSween & KeithWhaley 1994 3-Stevens: Core pathology, 3ed edition 2010. Practical booklet 2010
Electronic References, Websites	Pathology outlines Stevens: Core pathology, 3ed edition 2010.

