Course Description Form

1. Course Name:
Heamatopathology/white blood cells disorders
2. Course Code:
3. Semester / Year:
1st 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:8 hours/year Practical: 8 hour/year
8. Course administrator's name (mention all, if more than one name)
Name: dr. Sara Anmar Abdul-Muhsin Email: sara.anmar@uobasrah.edu.iq
9. Course Objectives

Course Objectives	Understand WBC disorders Introduction to WBC Neutrophils count disorders Lymphocytosis Leukemia outlines Myeloproliferative neoplasms Chronic myeloid leukemia Polycythemia vera Essential thrombocytosis Primary myelofibrosis Study Myelodysplastic syndrome Plasma cell dyscrasia Chronic lymphoproliferative disoreders Understand Blood transfusion mechanism (Red blood cell

	antigens and blood group antibodie, ABO system, Rh system - Cross match and pre transfusion testing

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
14th-15th	8	Understand WBC disorders Introduction to WBC Neutrophils count disorders Lymphocytosis Leukemia outlines Myeloproliferative neoplasms Chronic myeloid leukemia Polycythemia vera Essential thrombocytosis Primary myelofibrosis Study Myelodysplastic syndrome Plasma cell dyscrasia Chronic lymphoproliferative disoreders Understand Blood transfusion mechanism (Red blood cell antigens and blood group antibodie, ABO system, Rh system	White blc cells disorders	Explaining the scientific materia through interacti theoretical lectur and dialogue answer with the participation of a students Distributing students into sn groups in practi lessons a discussing common dise cases throu presentations t include pictures ophthalmic and microsco examinations diseases, addition to gl	Electronic enrichment exams And the semi-annual exams and final exams.

		- Cross match and pre transfusion testing		slides and glass models.	

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 8th Edition; Kumar, Abbas, Fausto & Mitchell 2010
Main references (sources)	Robbin's Basic Pathology 8th Edition; Kumar, Abbas, Fausto & Mitchell 2010 Currans atlas of gross and histopathology
Recommended books and references (scientific journals, reports…)	Robbin's Basic Pathology 8th Edition; Kumar, Abbas, Fausto & Mitchell 2010 2-Muir's Text Book of Pathology, 13th 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.