



خطة المساق الدراسي
COURSE PLAN

FIRST: COURSE IDENTIFICATION		أولاً: تعريف المساق	
College & Department		الكلية والقسم	
College	Medicine		الكلية
Department	General and Special Surgery		القسم
Academic Year	6 th		السنة الدراسية
Academic Semester	All semesters		الفصل الدراسي
Course details		تفاصيل المساق	
Course Title	General surgery 2		اسم المساق
Course Code	MD 643		رمز المساق
Course Type	Clinical		نوع المساق
Credit Hours	8		الساعات المعتمدة
Pre-requisite	General surgery 1		المتطلب السابق
		آلية تدريس المساق	
		<input checked="" type="checkbox"/> وجاهي <input type="checkbox"/> الكتروني كامل <input checked="" type="checkbox"/> مدمج	
Teaching Method	<input checked="" type="checkbox"/> Face-to-Face <input type="checkbox"/> Online <input checked="" type="checkbox"/> Blended		
Instructor Contact Information		المدرس	
Name	Fahmi Eqab		اسم المدرس



	Mohamed Arabiat Omar Mansour Mu'men diraneyya Anas Asad Wafa Taher Rami Ayoub Ata Ghaity Rasem Keilani Shadi Hamouri				
Office No.	OG 06				رقم المكتب
Tel (Ext)	2274 / 2273				الرقم الداخلي
E-mail	fahmi.eqab@bau.edu.jo				البريد الالكتروني
Office Hours	12:00 – 13:00 Sunday, Tuesday and Thursday				الساعات المكتبية
وقت المحاضرة Class Times	وقت البدء Start Time	وقت النهاية End Time	اليوم Day	المبنى Building	رقم القاعة Room No.
	08:00 AM	15:00 PM	weekdays	HSH	----
Course Materials					مصادر المساق
Textbook					الكتاب المقرر
<ol style="list-style-type: none"> 1. Browse's Introduction to the Symptoms & Signs of Surgical Disease. Fourth edition, Norman L. Browse, John Black, Kevin G. Burnand, William E.G. Thomas. 2. Bailey and Love's Short Practice of Surgery. 27th edition, Norman s. Williams, P. Ronan O'Connel Andrew W. McCaskie. 3. Schwartz's Principles of Surgery. 9th edition, Absite and broad review. 4. Sabiston Textbook of Surgery; The Biological Basis of Modern Surgical Practice. 21st edition, Townsend, Beaucharp, Evers, Mattox. 					



المراجع والقراءات ومصادر تعلم المساق:	Course References, Readings and Learning Resources
	5. Medical journals review articles 6. UpToDate online 7. Medscape.com

ثانياً: معلومات المساق **SECOND: COURSE OVERVIEW/DESCRIPTION**

وصف المساق	Course description
	The eighth-week surgical rotation is an intense clinical experience that introduces students to the basic principles of surgery. Students rotate on the Surgical Teams at various hospitals that are affiliated to the medical school in the university. During the rotations, students learn pre-, peri- and post-operative evaluation and management of surgical diseases. Time is spent in the wards, outpatient clinics and operating room. Students are participating in preparing and presenting surgical diseases topics as seminars allocated in groups, and in on call rotation in groups as well starting at the end of their daily activity to the mid-night of that day. Every weekday is started by the morning report presenting the emergency cases encountered by the on call group the previous day.

أهداف المساق **Course Objectives**

مع نهاية هذا المساق يجب أن يكون الطالب قادراً على		By the end of this course, students should be able to
الهدف 1:	Be familiar with evidence-base medicine and its application in clinical settings	CO1.
الهدف 2:	Provide core knowledge appropriate to 6 th year medical students.	CO2.
الهدف 3:	Teach students how to approach patients and take good history and physical examination	CO3.
الهدف 4:	Provide students with ability to diagnose common surgical conditions and to demonstrate basic skills in examination and management of emergency cases in general surgery	CO4.
الهدف 5:	Encourage students to demonstrate good ethical attitude and approach to patients	CO5.
الهدف 6:	Be familiar with general surgical diseases that require screening.	CO6.
الهدف 7:	To learn systemic diseases that might need surgical management	CO7.
الهدف 8:		CO8.



Program Intended Learning Outcomes (PILO):		مخرجات التعلم المستهدفة للبرنامج		
Knowledge & understanding, Professional Skills, and Competencies	PILO1	Understand basic concepts in basic and clinical medical sciences.	م ب 1:	المعرفة والفهم المهاريات
	PILO2	Understand the concepts of community medicine and preventive medicine and ways to apply them.	م ب 2:	
	PILO3	Recognize the concepts and understand the origins of scientific research in the medical field	م ب 3:	
	PILO4	Apply different clinical skills and techniques in diagnosis and treatment.	
	PILO5	Design and implementation of a research project of collecting, analyzing, interpreting and evaluating data.	م ب 5:	
	PILO6	The ability to communicate effectively with patients, their families and society in general	م ب 6:	
	PILO7	Ability to work efficiently independently and as part of a team.	م ب 7:	
	PILO8	Ability to learn independently with openness and critical thinking	م ب 8:	
	PILO9	Ability to learn effectively for the purpose of continuing professional development	م ب 9:	
Course Intended Learning Outcomes (CILO)		مخرجات التعلم المستهدفة للمساق		
Successful completion of the course should lead to the following outcomes: في نهاية المساق بنجاح يجب أن يكتسب الطالب المخرجات التالية:				
Knowledge & understanding	CILO1	Understand surgical medical terminology and concepts in basic and clinical surgery	م م 1:	المعرفة والفهم
	CILO2	Understand basic and clinical knowledge of surgical common diseases, trauma mechanisms, and emergencies.	م م 2:	
	CILO3		م م 3:	



	CILO4		م م 4:	
Professional Skills	CILO5	Demonstrate basic knowledge of examination skills	م م 5:	المهارات
	CILO6	Demonstrate ability in assessing and managing surgical emergencies that he/she might encounter in general practice.	م م 6:	
	CILO7		م م 7:	
	CILO8		م م 8:	
Competences	CILO9	Demonstrate critical and logical approach toward surgical conditions and history taking.	م م 9:	الكفايات
	CILO10	Encourage good ethical attitude towards peers, staff and patients.	م م 10:	
	CILO11		م م 11:	
	CILO12		م م 12:	



موانمة مخرجات التعلم للمساق CILOs مع مخرجات التعلم للبرنامج PILOs

Mapping Course Learning Outcomes CILOs to Program Learning Outcomes PILOs

	Understand basic concepts in basic and clinical medical sciences.	Understand the concepts of community medicine and preventive medicine and ways to apply them.	Recognize the concepts and understand the origins of scientific research in the medical field	Apply different clinical skills and techniques in diagnosis and treatment.	Design and implementation of a research project of collecting, analyzing, interpreting and evaluating data.	The ability to communicate effectively with patients, their families and society in general	Ability to work efficiently independently and as part of a team.	Ability to learn independently with openness and critical thinking	Ability to learn effectively for the purpose of continuing professional development
Understand surgical medical terminology and concepts in basic and clinical surgery	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Understand basic and clinical knowledge of surgical common diseases, trauma mechanisms, and emergencies.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Demonstrate basic knowledge of examination skills.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Demonstrate ability in assessing and managing surgical emergencies that he/she might encounter in general practice.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>



Demonstrate critical and logical approach toward surgical conditions and history taking.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Encourage good ethical attitude towards peers, staff and patients.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Program intended learning outcomes (PILOs)	Program objective(PO1s)	To graduate highly qualified doctors with valuable skills and information who are able to provide the required medical care and perform their profession effectively and competitively in society.	Graduating physicians with Professional and ethical commitment	Graduating physicians capable of dealing with societal health problems and committed to maintaining the health of community members through the practice of preventive medicine and health awareness	Graduating physicians and doctors capable of conducting research to improve medical conduct	Graduating physicians with effective communication skills and the ability for teamwork and leadership.	Graduating physicians committed to the principles of quality, patient safety and infection control.
1. Show understanding of various human body systems in terms of structure, function, and regulation, and normal anatomical, biochemical, cellular, genetic, and molecular mechanisms in human body and their disruptions during disease status. (Knowledge)	*	*	*	*	*		
2. Collect history and perform physical examination and apply clinical knowledge and skills in disease diagnosis and management through rational planning in requesting necessary, updated, and accurate diagnostic procedures (Skills)	*	*	*	*	*		



3. Build an efficient and healthy doctor-patient and doctor-community relationship. (Skills)	*	*	*		*	*
4. Recognize and apply the basic concepts and principles in scientific research, emphasizing research ethics and the practice of evidence-based medicine. (Competencies)	*	*		*		
5. Appreciate and apply the principles of medical and sustainable professional development. (Competencies)	*	*	*	*	*	*
6. Respect and adhere to ethical principles in all aspects of education, training, and work (Competencies)	*	*		*	*	*

Topic Outline/Schedule (Syllabus)

مخطط المساق (الموضوعات)

الأسبوع Week	مواضيع المساق / الفعاليات Course Topics/Events	القراءات (المراجع) Readings (Reference) رقم	رمز مخرجات المساق CLO	رمز مخرجات البرنامج PILO	أنشطة التدريس والتعلم Teaching & Learning Activity	العلامة Mark	الوقت /الموعد Duration/ Deadlines
1.	- Fluid and electrolytes - Bleeding disorders and blood transfusion - Shock	1, 2, 3, 4	1, 2, 3, , 9, 10	1, 2, 3, 7	SEMINARS Power Point presentation		13:00 - 15:00
2.	- Burns - Surgical site infection - Wound healing and its disorders - Trauma ATLS	1, 2, 3, 4	1, 2, 3, 5, 9, 10	1, 2, 3, 5, 7	SEMINARS Power Point presentation		13:00 - 15:00
3.	- Benign breast disorders - Malignant breast disorders - Complications of peptic ulcer disease - Gastric malignancies	1, 2, 3, 4	1, 2, 3, 5, 9, 10	1, 2, 3, 5, 7	SEMINARS Power Point presentation		13:00 - 15:00
4.	- Colonic and rectal tumours - Diverticulosis and mesenteric Ischemia	1, 2, 3, 4	1, 2, 3, 5, 9, 10	1, 2, 3, 5, 7	SEMINARS Power Point presentation		13:00 - 15:00



	- Inflammatory bowel disease - Small bower obstruction						
5.	- Dysphagia - Esophageal disorders - Vermiform appendix	1, 2, 3, 4	1, 2, 3, 5, 9, 10	1, 2, 3, 5, 7	SEMINARS Power Point presentation		13:00 - 15:00
6.	- Gall bladder and biliary tree disorders - Tissue transfer - Trauma ATLS - Lower GI bleeding	1, 2, 3, 4	1, 2, 3, 5, 9, 10	1, 2, 3, 5, 7	SEMINARS Power Point presentation		13:00 - 15:00
7.	- Acute pancreatitis - Postoperative complications - Pediatric surgery	1, 2, 3, 4	1, 2, 3, 5, 9, 10	1, 2, 3, 5, 7	SEMINARS Power Point presentation		13:00 - 15:00
8.	- General review - End rotation exam (Mini OSCE, Oral Exam and OSCE)				- Discussion - OSCE, Mini-OSCE and Oral	25%	08:30 – 15:00
9.							
10.							
11.							
12.							
13.							
14.							
15.							
16.							



17.	•						
Week	May use the Week number more than once				من الممكن استخدام رقم الأسبوع أكثر من مرة		الأسبوع
Course	The topic that is the focus of this part of the class				المحتوى التعليمي المعطى في المحاضرة على شكل مواضيع		مواضيع المساق /
Topics/Events	in subjects' format						الفعاليات
CILO	The learning objective of this specific topic; what you want the students to achieve.				الهدف التعليمي لهذا الموضوع المحدد؛ ما الذي تريد أن يحققه الطلاب.		مخرجات التعلم للمحاضرة
Teaching & Learning Activity	Power point material, Videos, White board, overhead projector, handout, pc projector, written assignment, flip chart, objects used to illustrate something etc.				وسائل التعليم المستخدمة، مادة عرض مصورة، مقاطع مصورة، مجسمات السبورة البيضاء، جهاز عرض علوي، نشرة، جهاز عرض كمبيوتر، مهمة كتابية، لوح ورقي، أشياء مستخدمة لتوضيح شيء ما وما إلى ذلك.		أنشطة التدريس والتعلم
Time	Duration of this part of the class.				مدة هذا الجزء النشاط من المحاضرة.		الوقت
Mark	Mark weight for each topic as a part of total (100)				علامة كل مخرج وهي جزء من العلامة الكلية (100)		العلامة



ASSESSMENT TOOLS		أساليب التقييم		
Write assessment tools that will be used to test students' ability to understand the course material and gain the skills and competencies stated in learning outcomes		أكتب أساليب التقييم التي سيتم استخدامها لتقييم قدرة الطلبة على استيعاب مواد المساق واكتساب المهارات والكفايات المنصوص عليها في مخرجات التعلم		
وسيلة التقييم ASSESSMENT TOOLS	النوع (تكويني أو تجميعي) Type (Informative and Summative)	رمز مخرجات المساق المستهدفة CILO	العلامة Grade	النسبة % Percentage
<input type="checkbox"/> المشاركة (Participation)	Informative		10	10%
<input type="checkbox"/> تقرير (Report)				
<input type="checkbox"/> المقالات المختصرة (Essays)				
<input type="checkbox"/> واجبات (assignments)				
<input type="checkbox"/> الاختبارات الشفوية (Oral exams)			15	15%
<input type="checkbox"/> دراسة الحالة (Case study exams)				
<input type="checkbox"/> امتحانات قصيرة (Quizzes)				
<input type="checkbox"/> التجارب العملية (Experiments)				
<input type="checkbox"/> مشاريع (Project)				
<input type="checkbox"/> زيارات ميدانية (Field Trip)				
<input type="checkbox"/> أخرى (يرجى التحديد) Other (specify) OSCE, Mini-OSCE, Oral			25	25%
<input type="checkbox"/> امتحان منتصف الفصل (Mid Exam)				
<input type="checkbox"/> الامتحان النهائي (Final Exam)	Summative		50	50%
المجموع (TOTAL MARKS)	100		100	100%

Informative	A set of formal and informal assessment procedures that teachers conduct during the learning process in order to modify teaching and learning activities to improve student achievement.	مجموعة من إجراءات التقييم الرسمية وغير الرسمية التي يجريها المعلمون أثناء عملية التعلم من أجل تعديل أنشطة التعليم والتعلم لتحسين تحصيل الطلاب.	التكويني
Summative	A set of formal assessment procedures that teachers conduct after the learning process in order to measure student achievement.	مجموعة من إجراءات التقييم الرسمية التي يجريها المعلمون بعد عملية التعلم من أجل قياس تحصيل الطلاب.	التجميعي
Assessment Tools	Technique or method of evaluating information to determine how much a Student knows and whether this knowledge aligns with the intended learning outcomes of a theory or framework.	تقنية أو طريقة لتقييم المعلومات لتحديد مدى معرفة الطالب وما إذا كانت هذه المعرفة تتوافق مع نتائج التعلم لنظرية أو إطار عمل.	وسيلة التقييم



THIRD: COURSE POLICIES AND INSTRUCTIONS

ثالثاً: التعليمات والإرشادات

Attendance rules

الحضور والمواظبة

Attendance and participation are critical, and the regular university norms will apply. A student is not permitted to be absent for more than 15% of the total number of credit hours given to any course. Each class's attendance will be tracked. A 10% absence will result in a first written notice. If a student misses 15% of the class, the course is dropped, and the student is not entitled to sit for the final exam. If a student has any special circumstances (medical or personal), he or she is advised to discuss this with the instructor, and documented evidence will be requested to remove any absences from his or her attendance records.

يعتبر حضور الطلبة للمحاضرات ومشاركتهم بها في غاية الأهمية، وسيتم تطبيق القواعد المعمول بها في الجامعة بهذا الخصوص. يتم تسجيل حضور الطلبة في كل محاضرة. وصول نسبة غياب الطالب إلى 10% ستسبب في تلقيه إنذاراً أولياً خطياً. في حال وصول نسبة الغيابات إلى 15%، يتم حرمان الطالب من المساق ولن يسمح للطالب بالتقدم للامتحان النهائي في المساق. في حال تعرض الطالب إلى أي ظروف قاهرة (مرض أو ظروف شخصية)، يجدر بالطالب التواصل مع المدرس ومناقشة هذا الظرف وإظهار دليل خطي يبرر الظرف ليتم إلغاء الغيابات من سجل الغياب.

GRADING SYSTEM

نظام التقديرات

التقدير Grade	النقاط Points	المدى Range
A	أ	95 – 100
A-	أ-	90 – 94
B+	ب+	87 – 89
B	ب	80 – 86
B-	ب-	75 – 79
C+	ج+	70 – 74
C	ج	65 – 69
C-	ج-	60 – 64
D+	د+	55 – 59
D	د	50 – 54
D-	د-	45 -49
F	هـ	< 45



Policies and instructions

السياسات والإرشادات

- Students must read and follow the internal bylaws of BAU in relation to student conduct bylaws.
- Students with special needs are highly recommended to register their cases with a valid doctor's report in the student affairs department.
- Students with special needs shall be subject to special care in coordination with the head of department as per internationally recognized and benchmarked considerations and services.
- The student must seek permission before making any interventions on the subject of the lecture.
- The student must listen to and respect the opinions of others.
- The student should not obstruct the course of the lecture.
- Students should not hesitate to ask questions to the instructor.
- Students should not use their mobile phones during the lecture.
- Students are strongly encouraged to contact their instructor if they have course-related questions during office hours.
- Students are recommended to contact their instructor using the LMS.
- Cheating and Plagiarism are prohibited.

- يجب على الطالب أن يقوم بقراءة واتباع اللوائح الداخلية الخاصة بجامعة البلقاء التطبيقية المتعلقة بلوائح سلوك الطلبة.
- ينصح الطلبة من ذوي الاحتياجات الخاصة أن يقوموا بتسجيل حالاتهم لدى شؤون الطلبة من خلال تقرير طبي حسب الأصول وساري المفعول.
- يخضع الطلبة من ذوي الاحتياجات الخاصة إلى رعاية خاصة وذلك بالتنسيق مع رئيس القسم وفقاً للمعايير الخاصة بذلك والمعترف بها دولياً.
- على الطالب الاستئذان قبل القيام بأي مداخلات على موضوع المحاضرة.
- على الطالب الاستماع واحترام الرأي الآخر.
- على الطالب عدم إعاقة سير المحاضرة.
- على الطلاب عدم التردد في طرح الأسئلة على مدرس المادة والتواصل مع المدرس خلال الساعات المكتبية او من خلال نظام التعليم الإلكتروني.
- على الطلاب عدم استخدام الهاتف النقال أثناء المحاضرة.
- على الطلاب عدم التردد في التواصل مع المدرس خلال الساعات المكتبية او من خلال نظام التعليم الإلكتروني.
- غير مسموح الغش والانتحال على الإطلاق.

COURSE COORDINATOR

منسق المساق

منسق المساق Course Coordinator:	Fahmi Eqab	رئيس القسم Department Head:	
رقم قرار القسم Department Decision		تاريخ القرار: Date of Decision:	
التوقيع Signature:		التوقيع Signature:	
التاريخ Date:		التاريخ Date::	