



**Course Syllabus  
General Information**

<b>Course Title: General Surgery with Urology</b>	
Module type	Obligatory
Faculty PMU	Faculty of Medicine
Major	Medicine
Level of study	long-cycle (S2J)
Mode of study	full-time studies
Year of studies, semester	4th year, Semester VII and VIII
ECTS credits (incl. semester breakdown)	5 ECTS credits
Types of training (number of hours)	<ul style="list-style-type: none"><li>● Practical Classes: 80 hours (75h + 5h CSM)</li><li>● Seminars: 12 hours</li><li>● Lectures: 16 hours</li></ul>
Form of assessment <sup>1</sup>	<input type="checkbox"/> graded assessment: <input type="checkbox"/> descriptive <input type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral  <input type="checkbox"/> non-graded assessment  <input type="checkbox"/> final examination <input type="checkbox"/> descriptive <input type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral
Head of the Department	Prof. Dr. habil. in Medical Sciences Piotr Prowans
Tutor responsible for the module:	Dr. in Medical Sciences Anna Surówka anna.surowka@pum.edu.pl

<sup>1</sup> replace  into  where applicable

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Website of the Unit:	
Language	English

Additional Units Conducting the Subject	<p>Department of General, Minimally Invasive, and Gastroenterological Surgery  Head: Prof. Dr. habil. Tadeusz Sulikowski  Address: SPSK1 ul. Unii Lubelskiej 1, 71-252 Szczecin  Phone: +48 91 425 32 02  Educational Supervisor: Dr. Anita Sierocka  Email: <a href="mailto:sierockaanita1984@gmail.com">sierockaanita1984@gmail.com</a></p>
	<p>Department and Clinic of Urology and Urological Oncology  Head: Prof. Dr. habil. Marcin Słojewski  Address: SPSK2 al. Powstańców Wlkp. 72, 70-111 Szczecin  Phone: +48 91 466 11 01  Educational Supervisor: Dr. Adam Gołąb  Email: <a href="mailto:adamgol@cyberia.pl">adamgol@cyberia.pl</a></p>
	<p>Department of General Surgery and Gastrointestinal Cancer  Head: Dr. Sebastian Grzeszewski  Address: SPSK2 al. Powstańców Wlkp. 72, 70-111 Szczecin  Phone: +48 91 466 11 29  Educational Supervisor: Dr. Sebastian Grzeszewski  Email: <a href="mailto:segrze@gmail.com">segrze@gmail.com</a></p>



### Detailed information

Module objectives		The module prepares students to work in a Surgical Ward, Surgical Emergency Department, and Surgical Outpatient Clinic. It provides an essential foundation for further education in surgical specialties.
Entry requirements in terms of:	Knowledge	<ul style="list-style-type: none"> <li>● Basic and advanced knowledge of patient medical history and physical examination.</li> <li>● Knowledge of anatomy, physiology, and pathophysiology.</li> </ul>
	Skills	<ul style="list-style-type: none"> <li>● Basic skills in patient history-taking and physical examination.</li> <li>● Familiarity with operating room procedures, surgical handwashing, patient qualification, and preparation for surgical treatment.</li> </ul>
	Social Competences:	Teamwork skills, systematic work habits, and organizational skills.

Description of the learning outcomes for the subject /module			
No. of learning outcome	Student, who has passed the (subject) knows /is able to /can:	SYMBOL (referring the standards)	Method of verification of learning outcomes*
W01	Knows and understands the causes, symptoms, principles of diagnosis, and therapeutic management of the most common diseases requiring surgical intervention, especially acute and chronic abdominal diseases.	F.W1	Graded Credit
W02	Knows the principles of qualification performance, and most common complications of basic surgical and invasive procedures and diagnostic-therapeutic procedures.	F.W3	Graded Credit

W03	Knows the principles of perioperative safety, preparation of the patient for surgery, and administration of local anesthesia.	F.W4	Graded Credit
W04	Knows postoperative care, including pain management and postoperative monitoring,	F.W5	Graded Credit
W05	Knows the problems associated with modern imaging studies and diagnostic methods in surgical diseases.	F.W10	Presentation, Discussion
U01	Assists in a typical surgical procedure, prepares the surgical field, and administers local anesthesia to the surgical area.	F.U1	S
U02	Uses basic surgical Instruments.	F.U2	S
U03	Adheres to aseptic and antiseptic principles.	F.U3	S
U04	Treats a simple wound and applies or changes a sterile surgical dressing.	F.U4	S
U05	Places a peripheral intravenous catheter.	F.U5	S
U06	Performs breast, lymph node, thyroid gland, and abdominal examinations(in cases of acute abdomen) and conducts digital rectal examination.	F.U06	S
U07	Manages external bleeding.	F.U09	S
U08	Acts according to the current advanced resuscitation algorithm.	F.U11	S
U09	Monitors the postoperative period based on basic vital signs.	F.U12	S
K01	Ready to establish and maintain a deep, respectful relationship with the patient, showing understanding for worldview and cultural differences.	K.1	O
K02	Ready to act in the patient's best interest.	K.2	O
K03	Ready to maintain medical confidentiality and respect patient rights.	K.3	O
K04	Ready to use objective source of information.	K.7	O

K05	Ready to implement principles of professional collegiality and teamwork, including collaboration with specialists and representatives of other medical professions, in multicultural and multinational environments.	K.9	O
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**Table presenting LEARNING OUTCOMES in relation to the form of classes**

No. of learning outcome	Learning outcomes	Type of training						
		Lecture	Seminar	Practical classes	Clinical classes	S i m u l a t i o n s	E - l e a r n i n g	Other ...
W01	F.W1	X	X				X	
W02	F.W3	X	X				X	
W03	F.W4	X	X				X	
W04	F.W5	X	X				X	
W05	F.W10	X	X				X	
U01	F.U1		X		X			
U02	F.U2		X		X			
U03	F.U3		X		X			
U04	F.U4		X		X			
U05	F.U5		X		X			
U06	F.U6		X		X			
U07	F.U9		X		X			
U08	F.U11		X		X			
U09	F.U12		X		X			
K01	K.1		X		X			
K02	K.2		X		X			
K03	K.3		X		X			

K04	K.4		X		X			
K05	K.5		X		X			

<b>Table presenting TEACHING PROGRAMME</b>			
<b>No. of a teaching programme</b>	<b>Teaching programme</b>	<b>No. of hours</b>	<b>References to learning outcomes</b>
<b>Lectures (e-learning)</b>			
TK01	Surgical Infections and Hospital-Acquired Infections (Alert Pathogens).	2h	W04, W05
TK02	Perianal Disorders (Hemorrhoids, Abscess, Fistula, Fissure).	2h	W01, W02, W03
TK03	The Prostate Gland – Is It Possible to Live Without It?	2h	W01, W05
TK04	Urinary Disorders.	2h	W01, W05
TK05	Fundamentals of Reconstructive Surgery: Types of Wounds, Principles of Wound Management, Surgical Techniques, and the Reconstructive Ladder.	2h	W02, W03
TK06	Burns: Classification, Basic Principles of Burn Management, and First Aid.	2h	W01, W04
TK07	Intestinal Obstruction.	2h	W01, W04, W05
TK08	Esophageal Surgery: Cancer and Strictures Following Chemical Burns.	2h	W04, W05
<b>Seminars</b>			
TK01	Acute Conditions in Urology.	2h	W01, W02, W04, U01, U04, K01-K05
TK02	Fundamentals of Uro-Oncology.	2h	W01, W02, W03, U04 K01 – K05
TK03	Prostate Diseases and Minimally Invasive Procedures.	2h	W01, W03, W05, U01, U02, U03, K01 – K05
TK04	Polytraumatology – Abdominal Trauma, Acute Appendicitis, Gallbladder Stone Disease, and Cholecystitis.	2h	W01, W02, W03, W04, W05, U01 – U09 K01 – K05

TK05	Diagnostics of Acute Abdominal Conditions: Acute Pancreatitis and Abdominal Hernias.	2h	W01, W02, W04, W05, U05, U06, K01 – K05
<b>Practical classes</b>			
TK01	Hand Scrubbing for Surgery: Technique for Donning Sterile Gloves, Surgical Gown, and Preparing the Operative Field According to Aseptic Principles (Sterilizing the Operative Field and Draping with Sterile Materials), Behavior in the Operating Room (Movement Following Aseptic Guidelines), and Technique for Donning Non-Sterile Gloves. Familiarization and Use of Basic Surgical Instruments.	1,5h CSM	U2, U3, K01 – K05
TK02	Technique of Local Anesthesia, Wound Suturing and Removal of Sutures, Simple Wound Care	1,5h CSM	U2, U3, U4, U7, K01 – K05
TK03	Urinary Catheterization in Women and Men. High-Fidelity Simulator Training – Scenario Implementation: Renal Colic / Acute Urinary Retention	2h CSM	U3, U5, U6, K01 – K05
TK04	Practical Application of Theoretical Knowledge During Clinical Training with Patients	<b>18 h</b> KCHOMiG	U01 – U09 K01 – K05
TK05	Practical Application of Theoretical Knowledge During Clinical Training with Patients	<b>19 h</b> KiKUiOU	U01 – U09 K01 – K05
TK06	Practical Application of Theoretical Knowledge During Clinical Training with Patients	<b>19 h</b> KCHPEiO	U01 – U09 K01 – K05
TK07	Practical Application of Theoretical Knowledge During Clinical Training with Patients	<b>19 h</b> KCHOiNPP	U01 – U09 K01 – K05

### Booklist

1. Essential surgery :problems, diagnosis and management /Clive R. G. Quick [et al.] ; ill. by Philip J. Deakin Edinburgh [etc.] :Churchill Livingstone/Elsevier – nowe 7 wydanie ma się ukazać (August 25, 2025) ISBN 978-0443117183 (równocześnie mamy dostęp online w bazie ClinikalKey)
2. Schwartz's Principles of Surgery, 11e F. Charles Brunicaardi, Dana K. Andersen, Timothy R. Billiar, Set ISBN 978-1-259-83535-3 (równocześnie mamy dostęp online w bazie Access Medicine)
3. Current diagnosis & treatment :surgery /edited by Gerard M. Doherty McGraw Hill / Medical; 15th edition (April 24, 2020) ISBN 978-1260122213 (równocześnie mamy dostęp online w bazie Access Medicine)

4. Principles and practice of surgery /edited by O. James Garden, Rowan W. Parks. Elsevier; 8th edition (May 25, 2022) ISBN 978-0702082511 (równocześnie mamy dostęp online w bazie ClinikalKey)

<b>Student's workload</b>	
Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]
	Tutor
Contact hours with the tutor	108h
Time spent on preparation to seminars/ practical classes	16h
Time spent on reading recommended literature	48h
Time spent on writing report/making project	
Time spent on preparing to colloquium/ entry test	2h
Time spent on preparing to exam	20h
Other .....	
Student's workload in total	190h
<b>ECTS credits for the subject (in total)</b>	<b>5 ECTS Credits</b>
<b>Remarks</b>	

\* Selected examples of methods of assessment:

EP – written examination

EU – oral examination

ET – test examination

EPR – practical examination

K – colloquium

R – report

S – practical skills assessment

RZC – practical classes report, incl. discussion on results

O – student's active participation and attitude assessment

SL – lab report

SP – case study

PS - assessment of student's ability to work independently

W – entry test

PM – multimedia presentation

other...