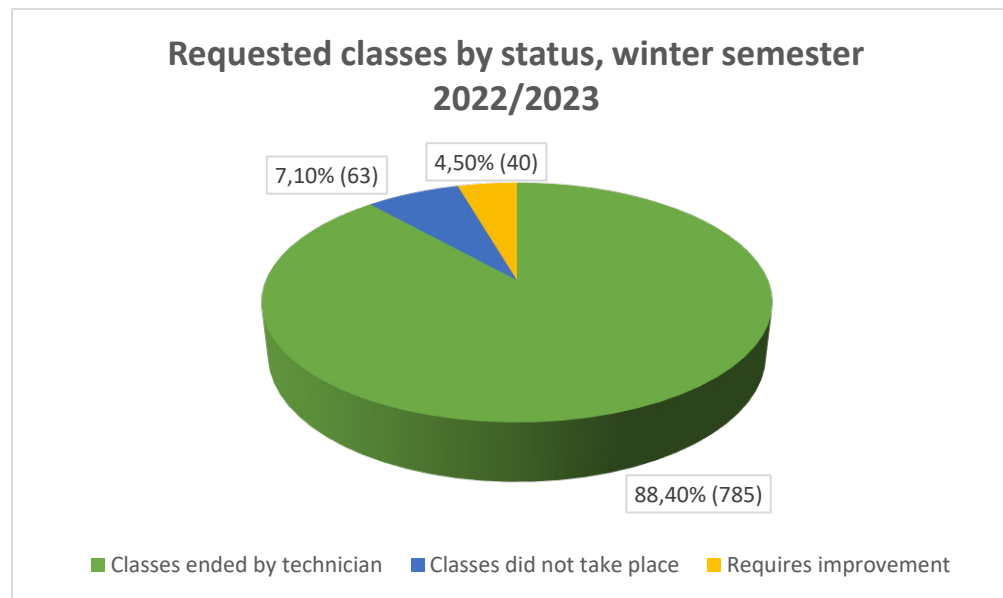


GENERAL DATA

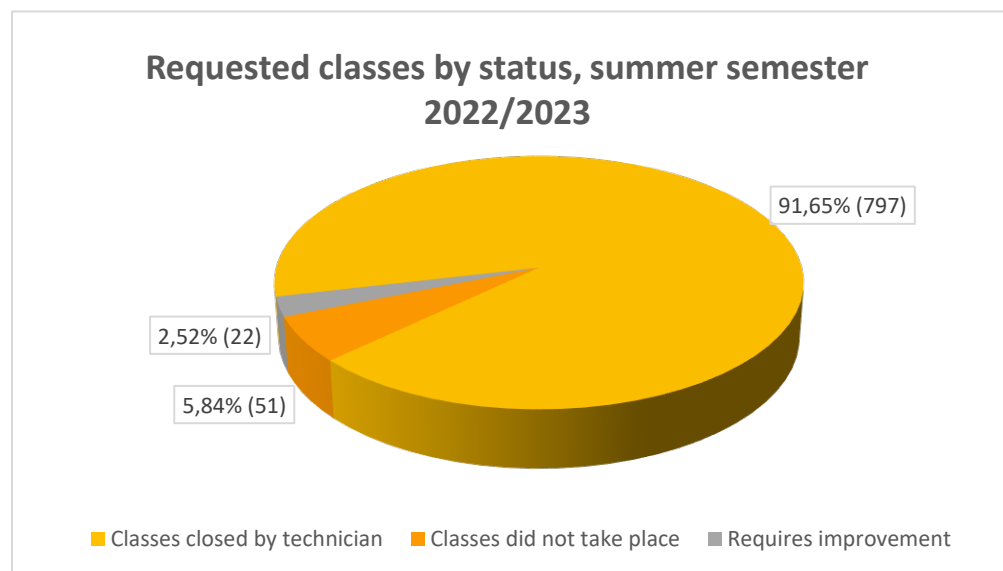
Demands	Percentage share	Number of demands reported
Classes closed by technician	88,40%	785
Classes did not take place	7,10%	63
Requires improvement	4,50%	40
TOTAL	100,00%	888

Table 1. Requested classes by status, winter semester 2022/2023.



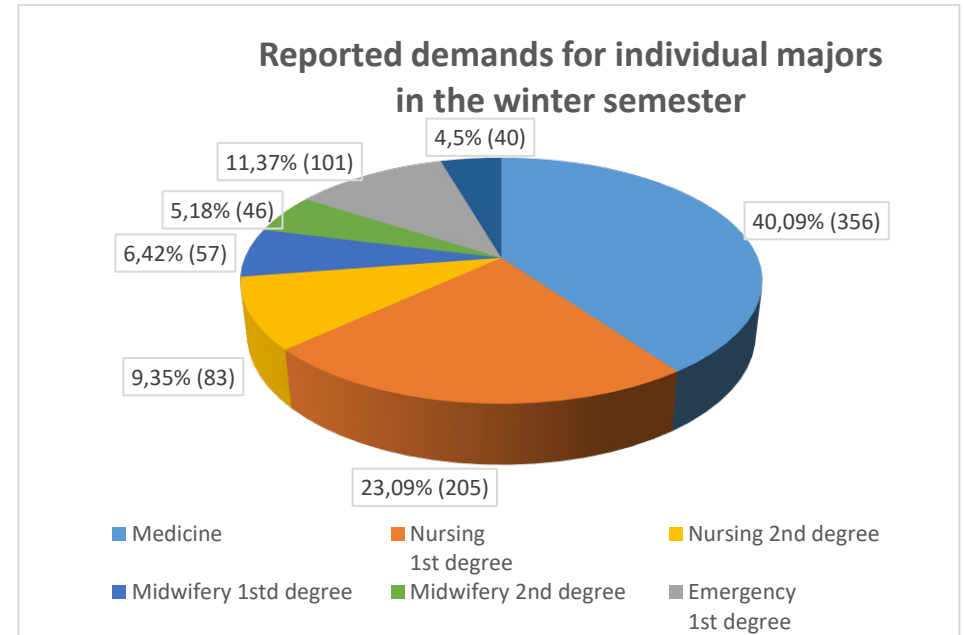
Demands	Percentage share	Number of demands reported
Classes closed by technician	91,65%	801
Classes did not take place	2,52%	22
Requires improvement	5,84%	51
TOTAL	100,00%	874

Table 2. Requested classes by status, summer semester 2022/2023.



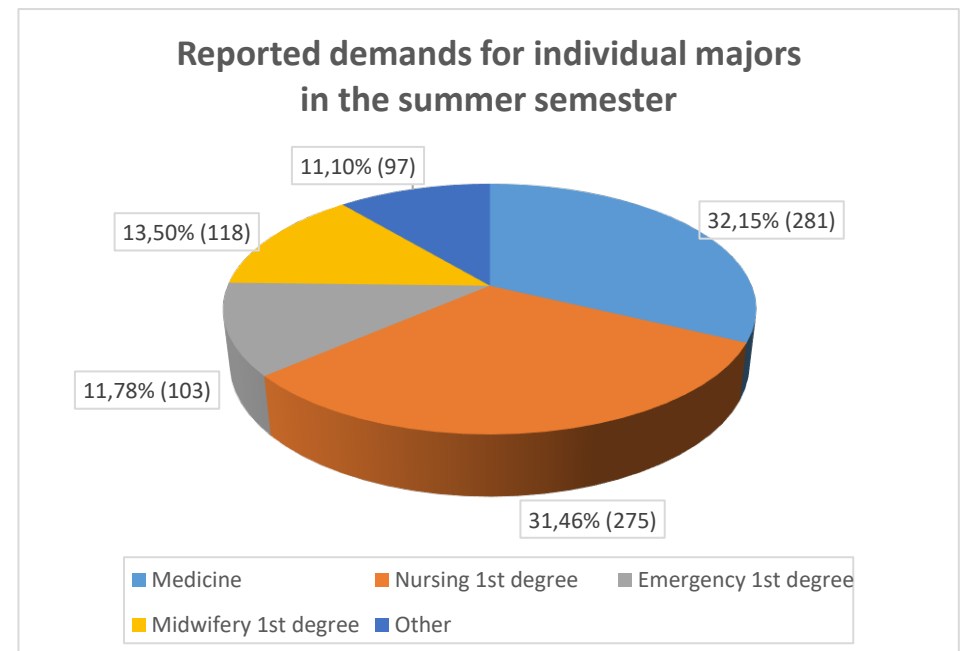
Major	Demands reported [%]	Number of demands
Medicine	40,09%	356
Nursing, Bachelor degree	23,09%	205
Nursing, Master degree	9,35%	83
Midwifery, Bachelor degree	6,42%	57
Midwifery, Master degree	5,18%	46
Emergency, Bachelor degree	11,37%	101
Other	4,50%	40
TOTAL	100,00 %	888

Table 3. Reported demands for individual majors in the winter semester.



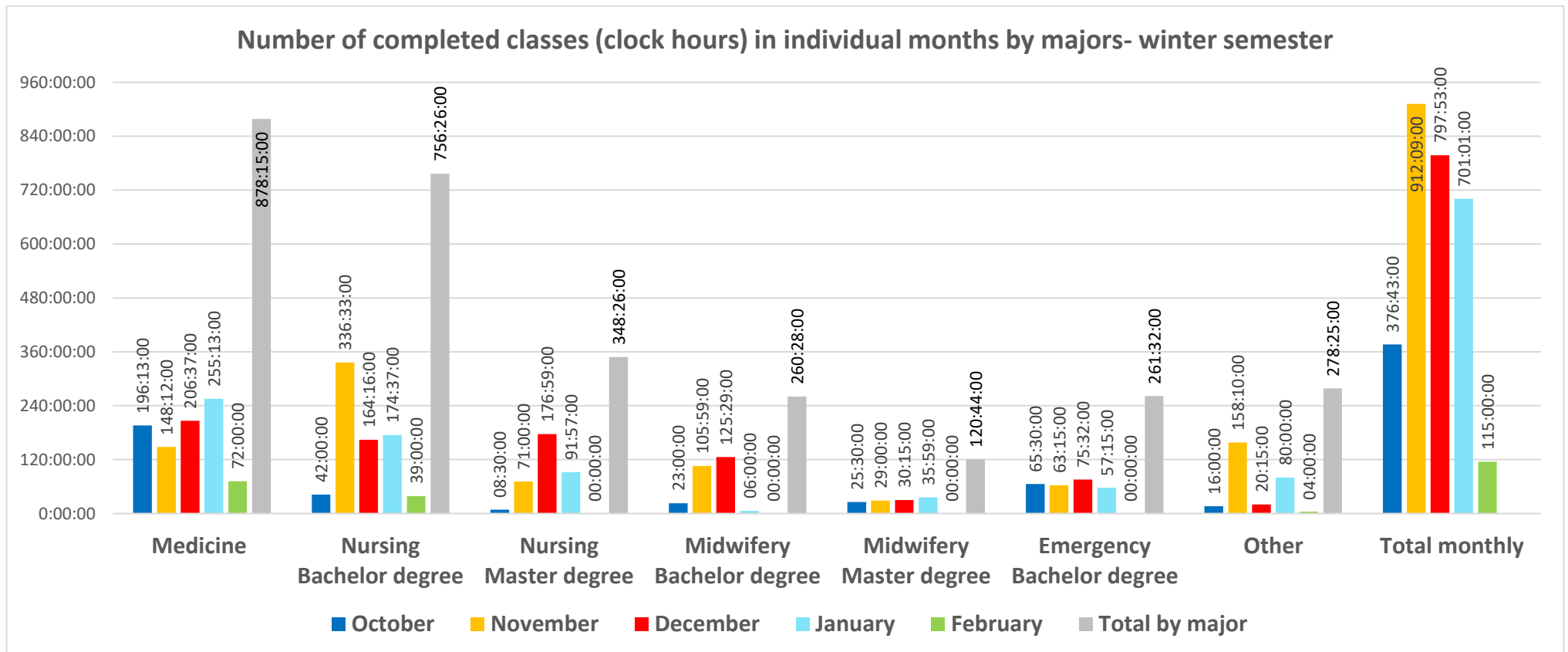
Major	Percentage share	Number of demands
Medicine	32,15%	281
Nursing, Bachelor degree	31,46%	275
Emergency medicine, Bachelor degree	11,78%	103
Midwifery, Bachelor degree	13,50%	118
Other	11,10%	97
TOTAL	100,00 %	874

Table 4. Reported demands for individual majors in the summer semester.



Major	October	November	December	January	February	Total by major
Medicine	196:13:00	148:12:00	206:37:00	255:13:00	72:00:00	878:15:00
Nursing, Bachelor degree	42:00:00	336:33:00	164:16:00	174:37:00	39:00:00	756:26:00
Nursing, Master degree	8:30:00	71:00:00	176:59:00	91:57:00	0:00:00	348:26:00
Midwifery, Bachelor degree	23:00:00	105:59:00	125:29:00	6:00:00	0:00:00	260:28:00
Midwifery, Master degree	25:30:00	29:00:00	30:15:00	35:59:00	0:00:00	120:44:00
Emergency medicine, Bachelor degree	65:30:00	63:15:00	75:32:00	57:15:00	0:00:00	261:32:00
Other	16:00:00	158:10:00	20:15:00	80:00:00	4:00:00	278:25:00
Total monthly	376:43:00	912:09:00	797:53:00	701:01:00	115:00:00	2902:46:00

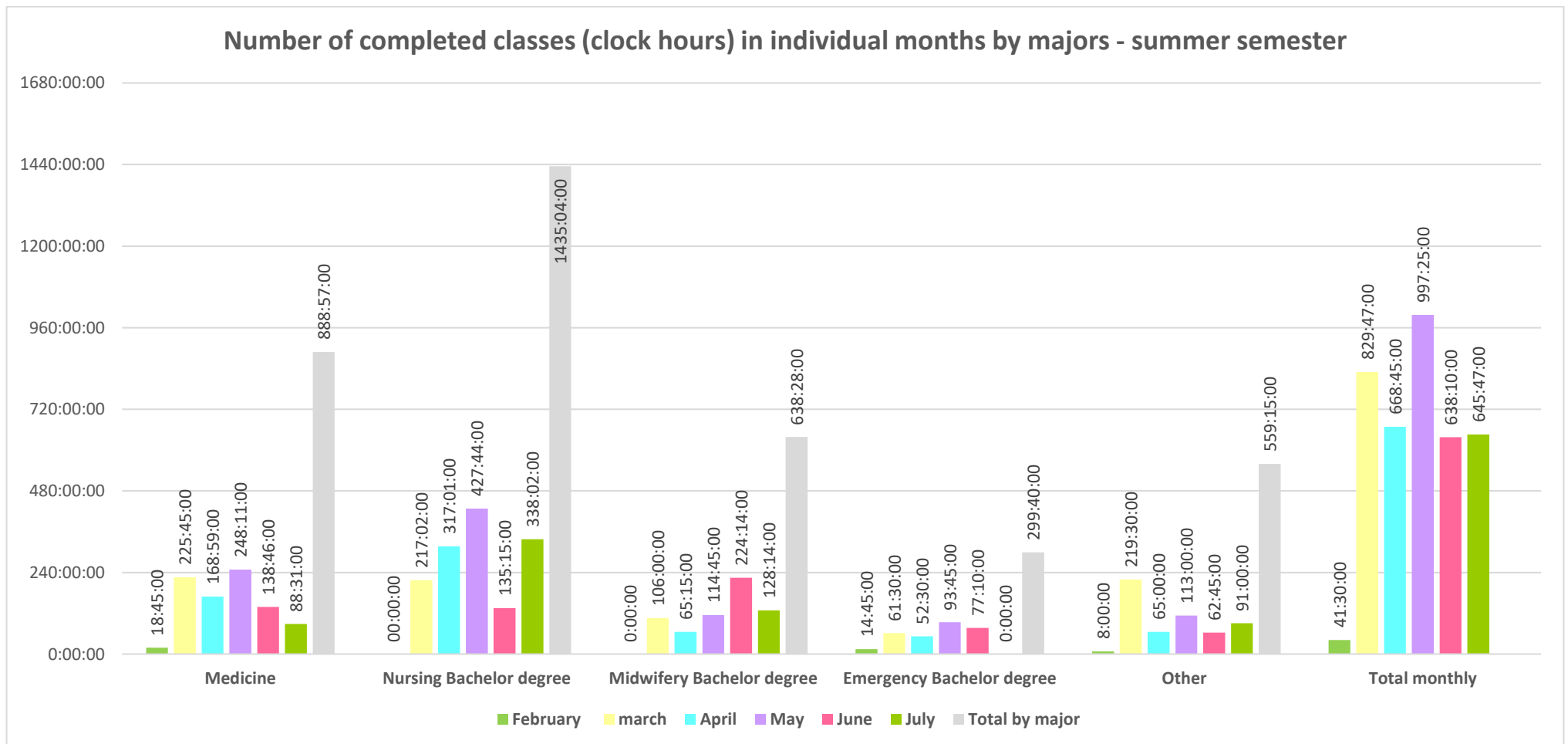
Table 5. Number of completed classes (clock hours) [ggg:mm:ss] in each month of the winter semester by majors.*



*The number of hours per course is not equal to the number of requests per course, as each request may have been for a different number of hours. In the Other group, you can find courses, trainings, conferences and other events held at SIM centre.

Major	February	March	April	May	June	July	Total by major
Medicine	18:45:00	225:45:00	168:59:00	248:11:00	138:46:00	88:31:00	888:57:00
Nursing, Bachelor degree	00:00:00	217:02:00	317:01:00	427:44:00	135:15:00	338:02:00	1435:04:00
Midwifery, Bachelor degree	0:00:00	106:00:00	65:15:00	114:45:00	224:14:00	128:14:00	638:28:00
Emergency, Bachelor degree	14:45:00	61:30:00	52:30:00	93:45:00	77:10:00	0:00:00	299:40:00
Other	8:00:00	219:30:00	65:00:00	113:00:00	62:45:00	91:00:00	559:15:00
TOTAL MONTHLY	41:30:00	829:47:00	668:45:00	997:25:00	638:10:00	636:47:00	3812:24:00

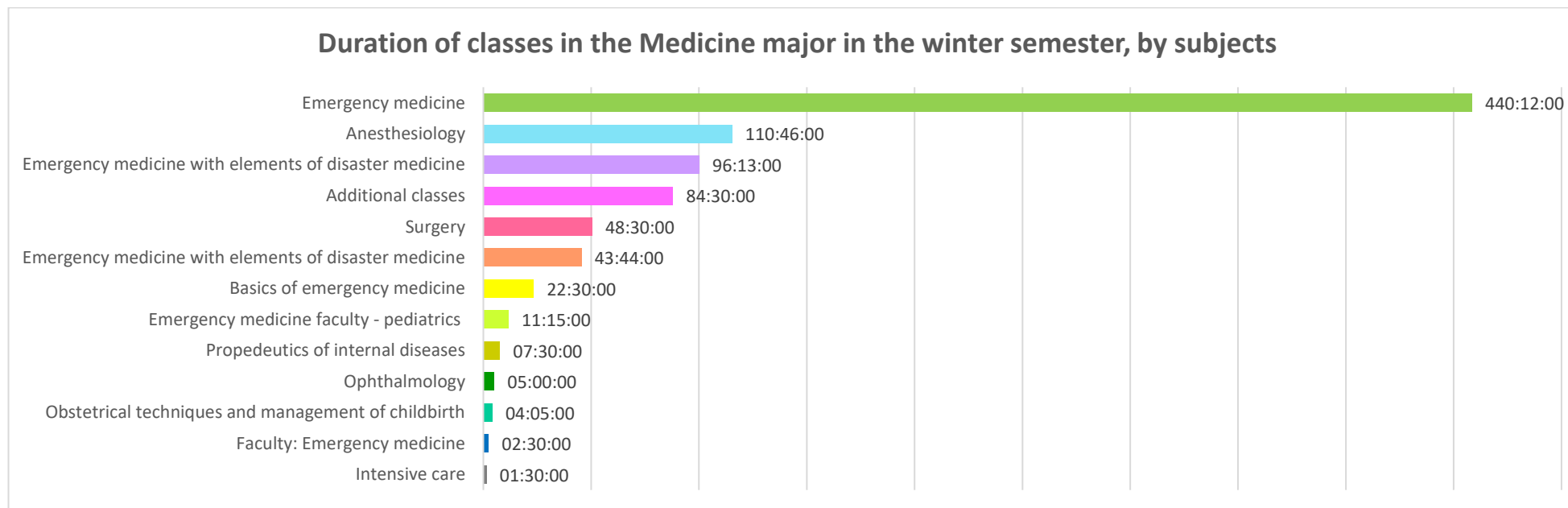
Table 6. Number of completed classes (clock hours) [ggg:mm:ss] in each month of the summer semester by majors.*



MEDICINE

Subject	Number of hours in total
Emergency medicine	440:12:00
Anesthesiology	110:46:00
Emergency medicine with elements of disaster medicine	96:13:00
Additional classes	84:30:00
Surgery	48:30:00
Emergency medicine with elements of disaster medicine	43:44:00
Basics of emergency medicine	22:30:00
Emergency medicine faculty - pediatrics	11:15:00
Propedeutics of internal diseases	07:30:00
Ophthalmology	05:00:00
Obstetrical techniques and management of childbirth	04:05:00
Faculty: Emergency medicine	02:30:00
Intensive care	01:30:00
TOTAL	878:15:00

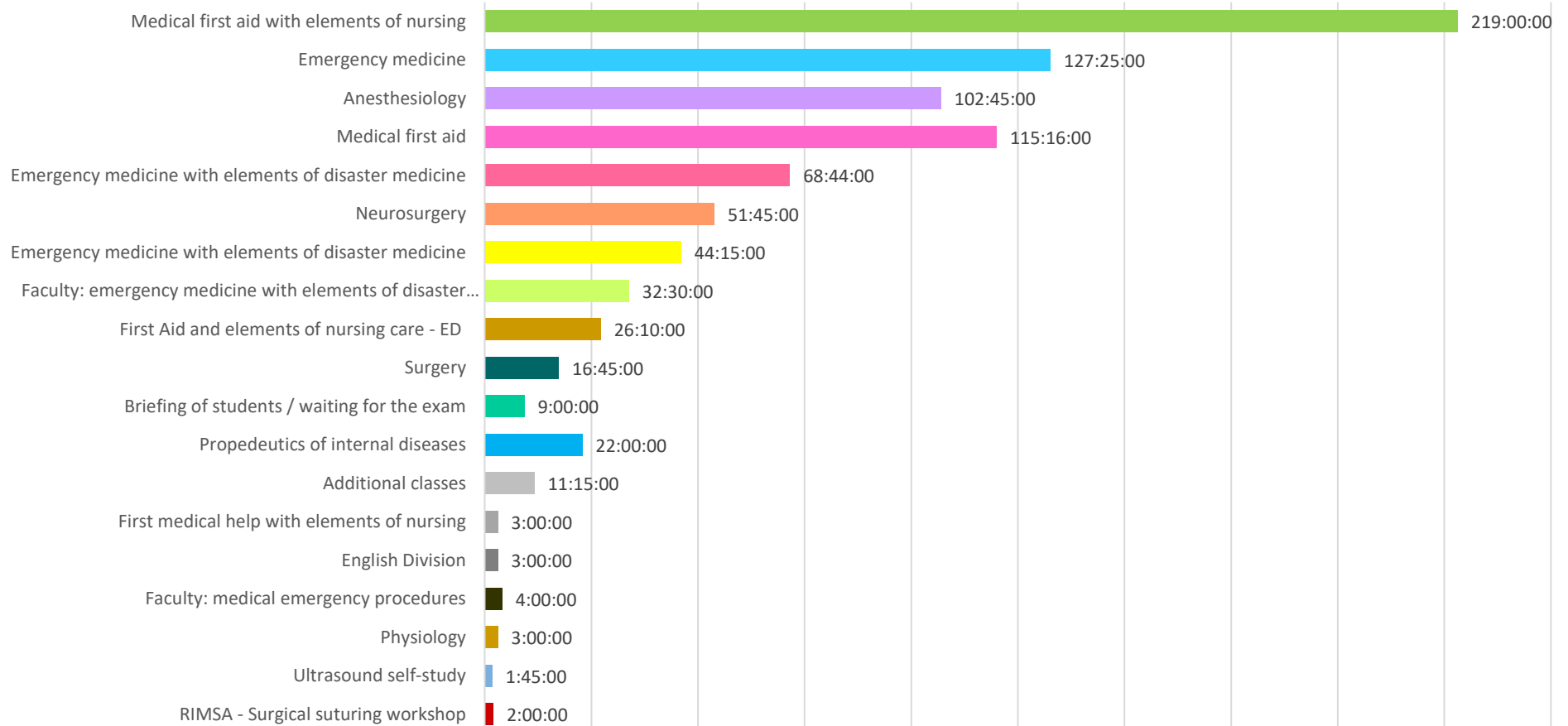
Table 7. Duration of classes in the Medicine major in the winter semester by subjects.



Subject	Number of hours in total
Medical first aid with elements of nursing	219:00:00
Emergency medicine	127:25:00
Anesthesiology	102:45:00
Medical first aid	115:16:00
Emergency medicine with elements of disaster medicine	68:44:00
Neurosurgery	51:45:00
Emergency medicine with elements of disaster medicine	44:15:00
Faculty: emergency medicine with elements of disaster medicine using medical simulation	32:30:00
First Aid and elements of nursing care - ED	26:10:00
Surgery	16:45:00
Briefing of students / waiting for the exam	9:00:00
Propedeutics of internal diseases	22:00:00
Additional classes	11:15:00
First medical help with elements of nursing	3:00:00
English Division	3:00:00
Faculty: medical emergency procedures	4:00:00
Physiology	3:00:00
Ultrasound self-study	1:45:00
RIMSA - Surgical suturing workshop	2:00:00
TOTAL	863:35:00

Table 8. Duration of classes in the Medicine major in the summer semester by subject.

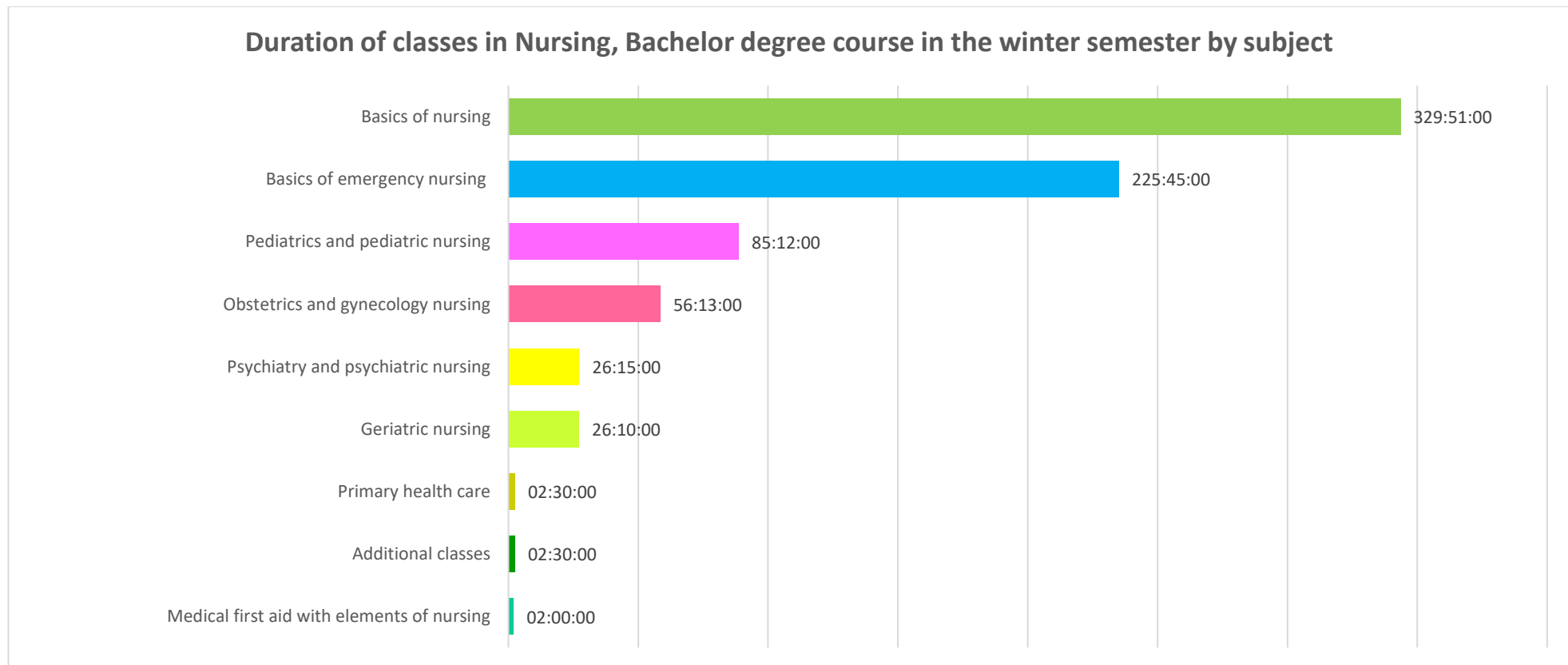
Duration of classes in the Medicine major in the summer semester, by subject



NURSERY

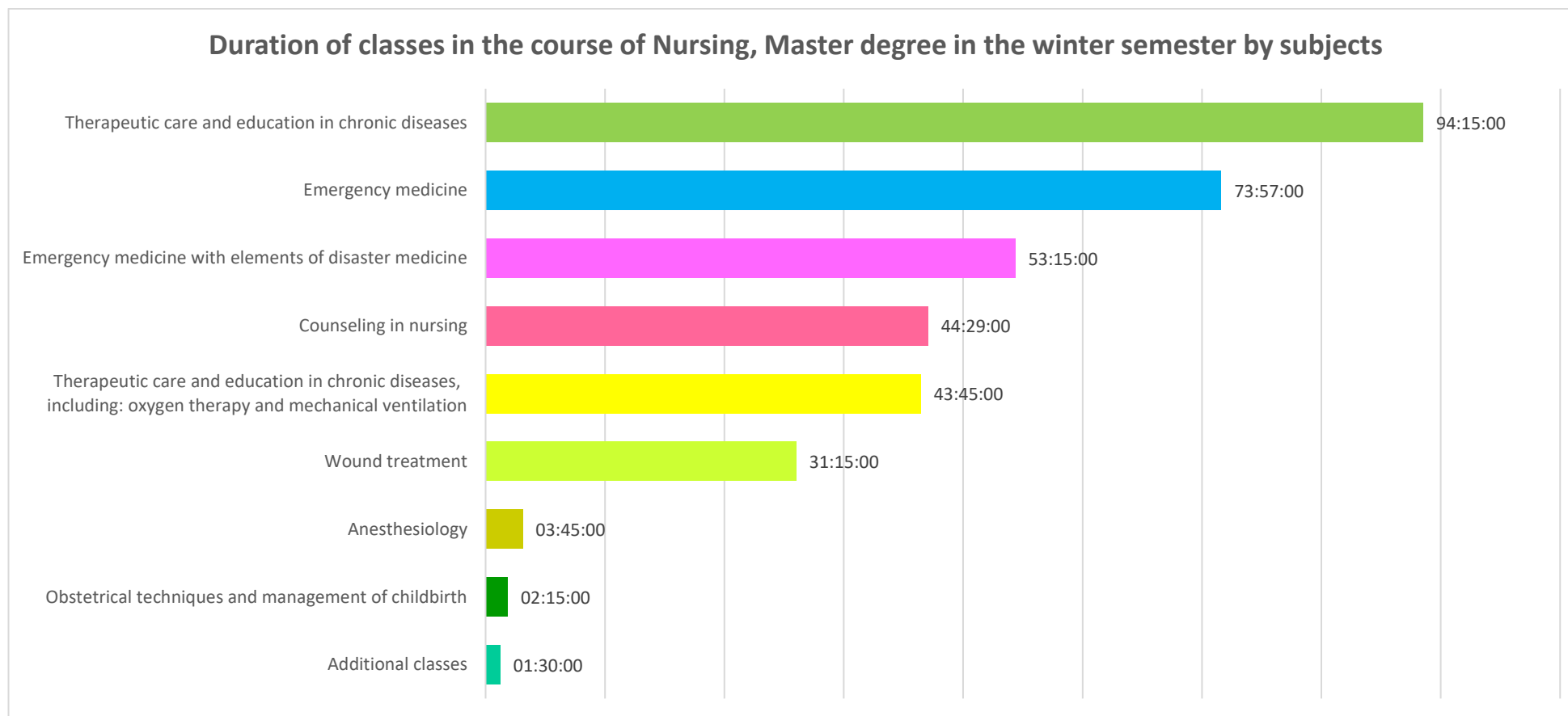
Subject	Number of hours in total
Basics of nursing	329:51:00
Basics of emergency nursing	225:45:00
Pediatrics and pediatric nursing	85:12:00
Obstetrics and gynecology nursing	56:13:00
Psychiatry and psychiatric nursing	26:15:00
Geriatric nursing	26:10:00
Primary health care	02:30:00
Additional classes	02:30:00
Medical first aid with elements of nursing	02:00:00
TOTAL	756:26:00

Table 9. Duration of classes in Nursing, Bachelor degree course in the winter semester by subject.



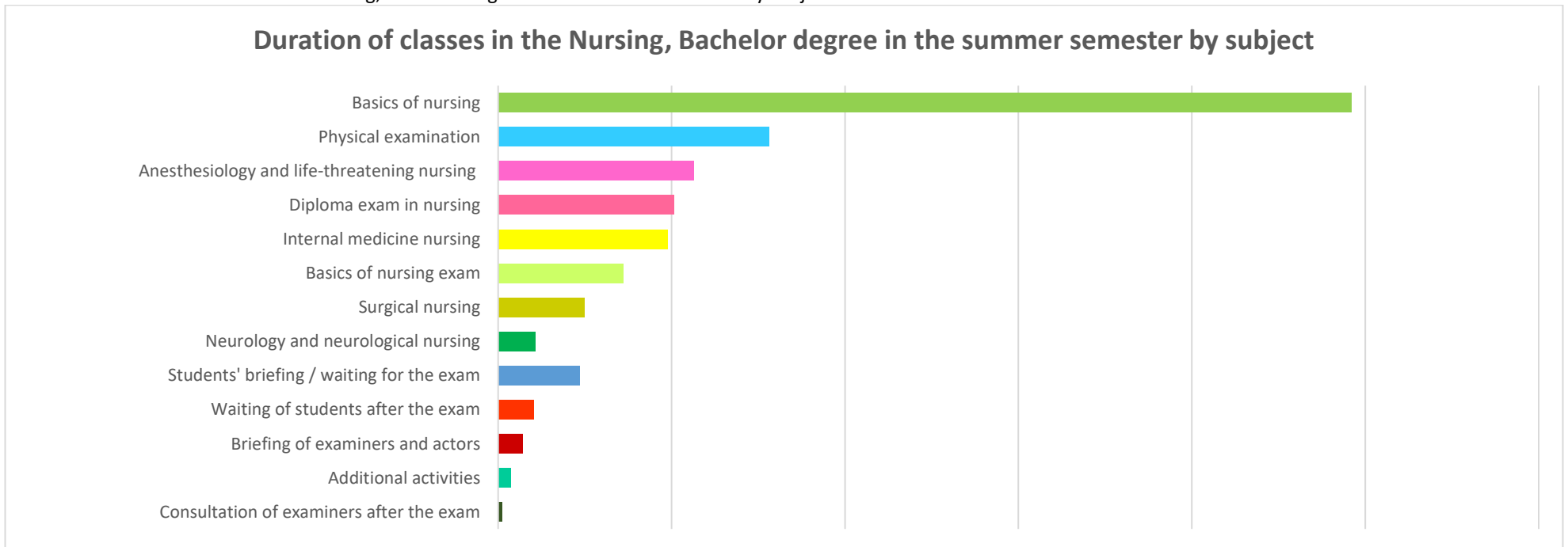
Subject	Number of hours in total
Therapeutic care and education in chronic diseases	94:15:00
Emergency medicine	73:57:00
Emergency medicine with elements of disaster medicine	53:15:00
Counseling in nursing	44:29:00
Therapeutic care and education in chronic diseases,	43:45:00
Wound treatment	31:15:00
Anesthesiology	03:45:00
Obstetrical techniques and management of childbirth	02:15:00
Additional classes	01:30:00
TOTAL	348:26:00

Table 10. Duration of classes in the course of Nursing, Master degree in the winter semester by subjects.



Subject	Number of hours in total
Basics of nursing	590:32:00
Physical examination	187:45:00
Anesthesiology and life-threatening nursing	135:15:00
Diploma exam in nursing	121:56:00
Internal medicine nursing	117:07:00
Basics of nursing exam	86:30:00
Surgical nursing	60:00:00
Neurology and neurological nursing	26:00:00
Students' briefing / waiting for the exam	56:15:00
Waiting of students after the exam	24:29:00
Briefing of examiners and actors	17:15:00
Additional activities	9:00:00
Consultation of examiners after the exam	3:00:00
TOTAL	1435:04:00

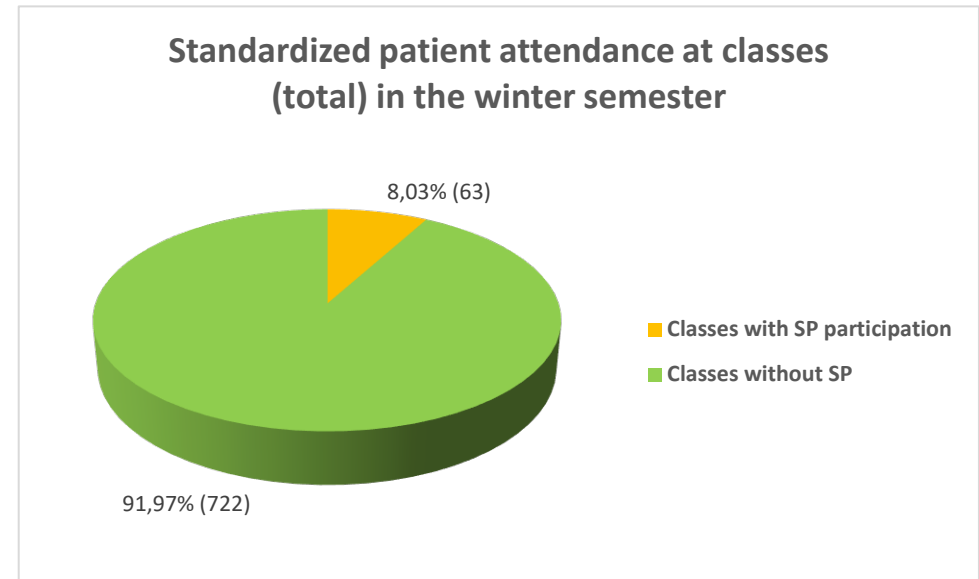
Table 11. Duration of classes in the Nursing, Bachelor degree in the summer semester by subject.



STANDARDIZED PATIENT (SP)

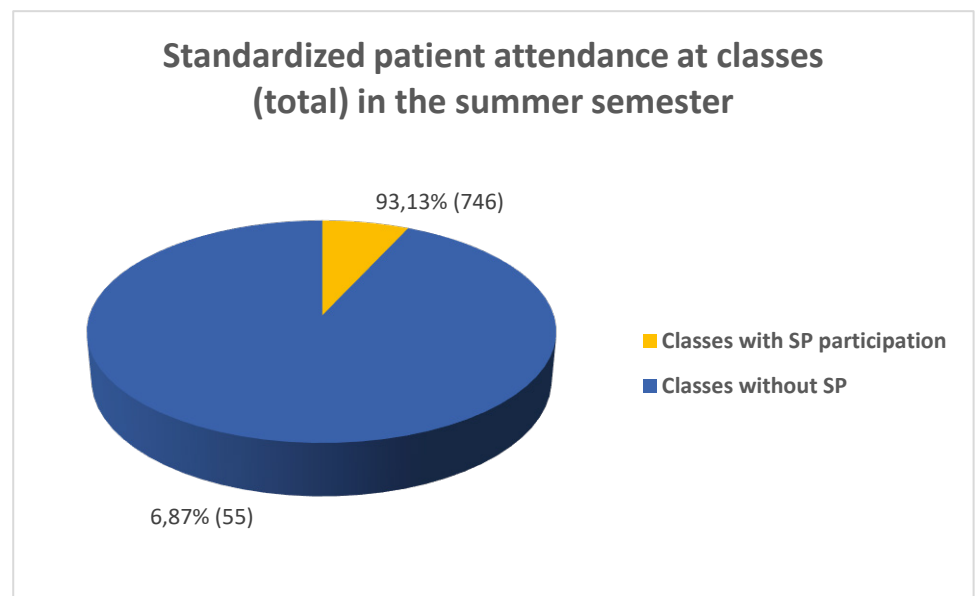
Standardized patient attendance at classes (total)	Percentage share	Volume share
Classes with SP participation	8,03%	63
Classes without SP	91,97%	722
TOTAL	100%	785

Table 12. Standardized patient attendance at classes (total) in the winter semester.



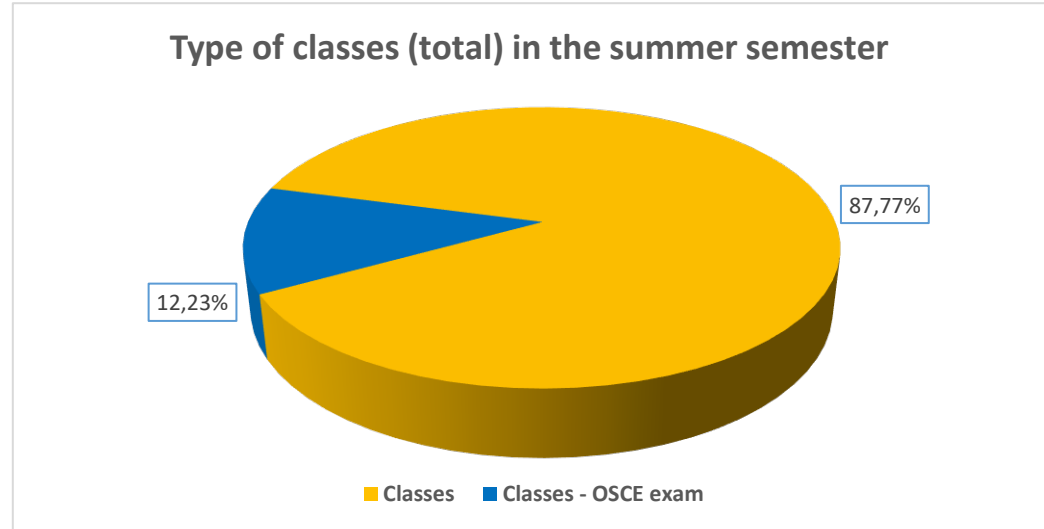
Standardized patient attendance at classes (total)	Percentage share	Volume share
Classes with SP participation	6,87%	55
Classes without SP	93,13%	746
TOTAL	100%	801

Table 13. Standardized patient attendance at classes (total) in the summer semester.



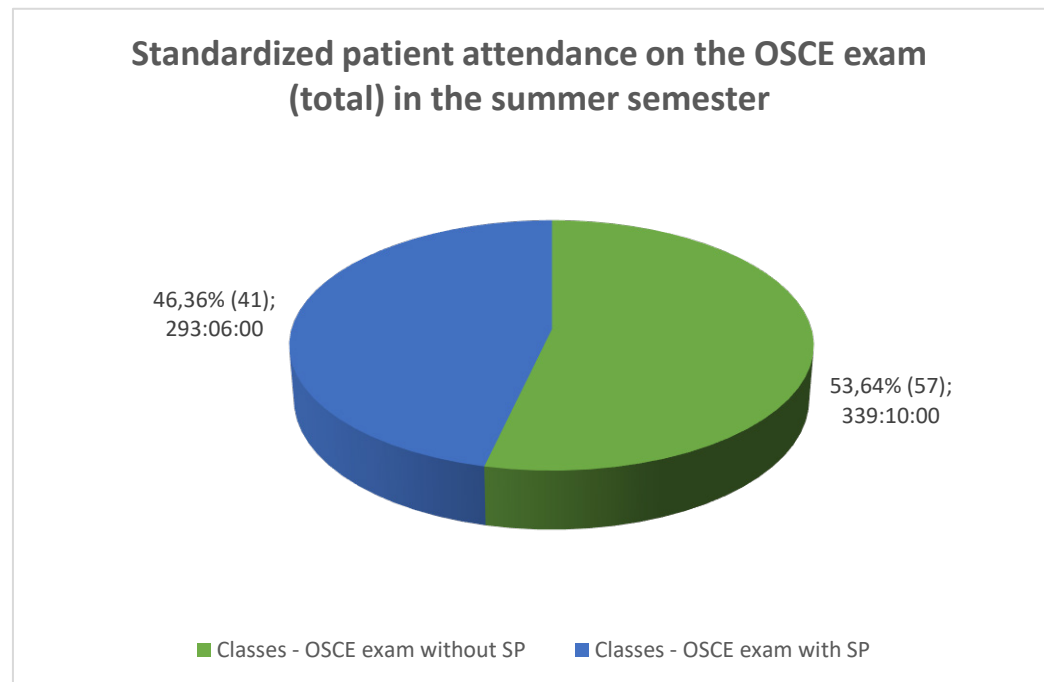
Type of classes	Percentage share	Volume share
Classes	87,77%	703
Classes - OSCE exam	12,23%	98
TOTAL	100%	801

Table 14. Type of classes (total) in the summer semester.



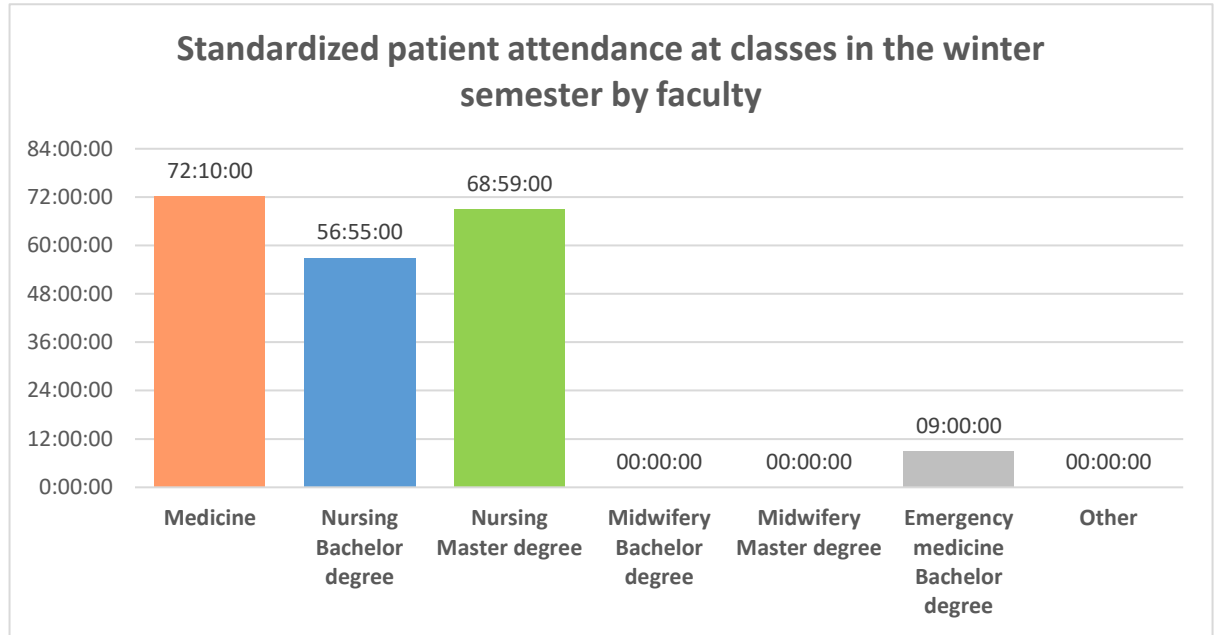
Type of classes	Percentage share	Volume share	Total duration
Classes - OSCE exam without SP	53,64%	57	339:10:00
Classes - OSCE exam with SP	46,36%	41	293:06:00
TOTAL	100%	98	632:16:00

Table 15. Standardized patient attendance on the OSCE exam (total) in the summer semester.



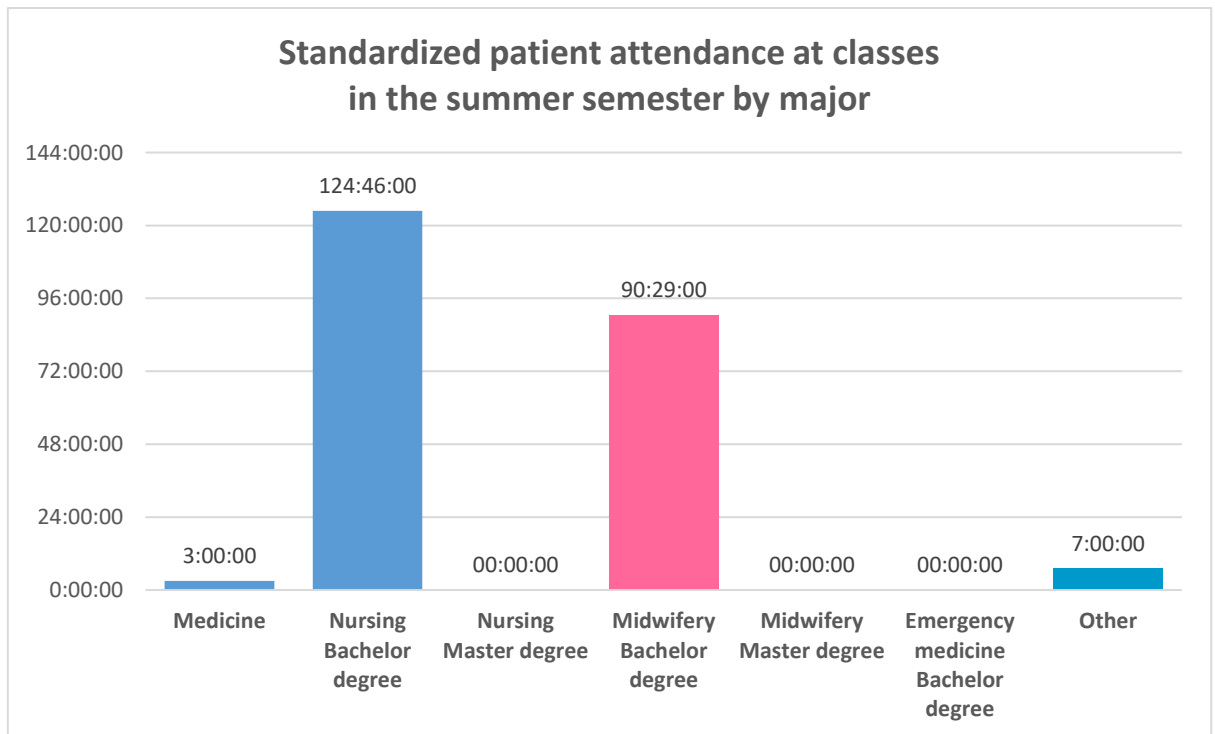
Major	Total duration
Medicine	72:10:00
Nursing, Bachelor degree	56:55:00
Nursing, Master degree	68:59:00
Midwifery, Bachelor degree	00:00:00
Midwifery, Master degree	00:00:00
Emergency, medicine Bachelor degree	09:00:00
Other	00:00:00
TOTAL	198:04:00

Table 16. Standardized patient attendance at classes in the winter semester by major.



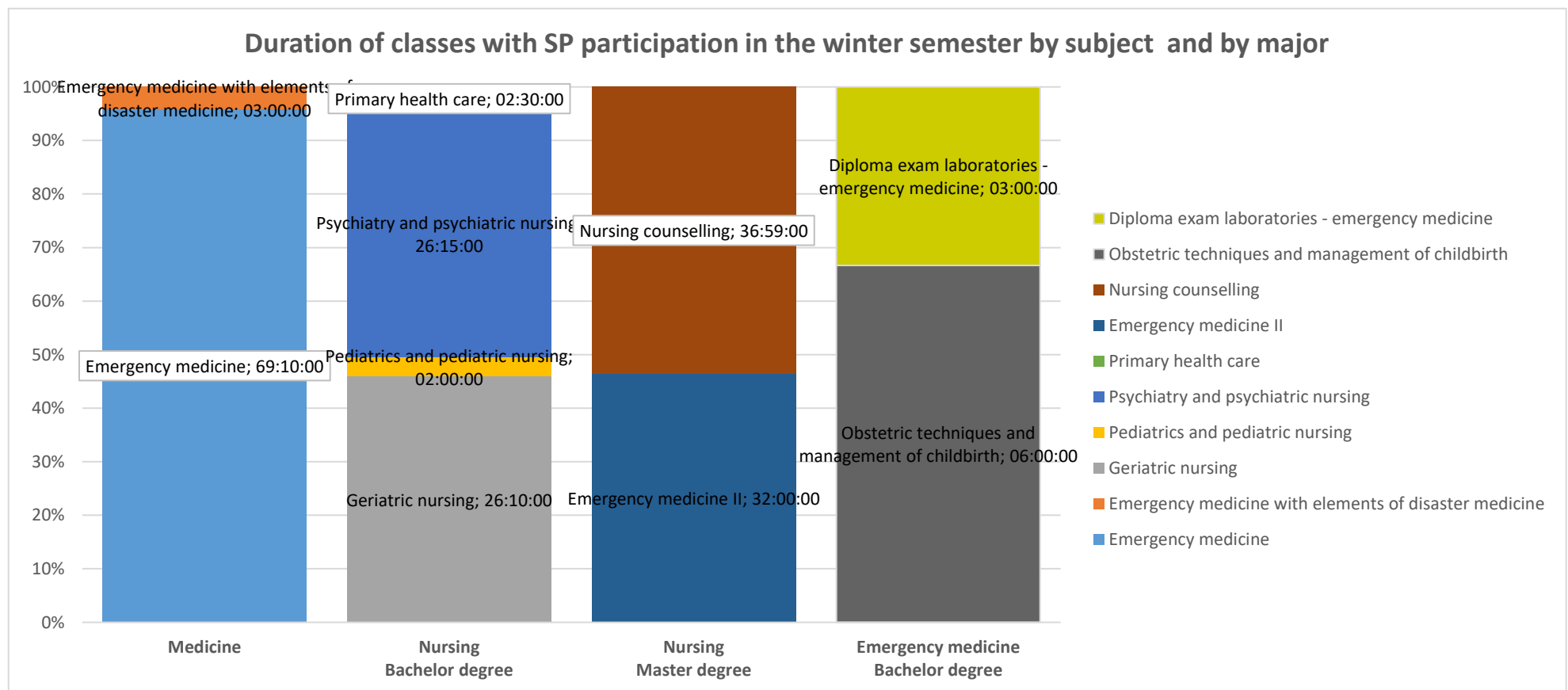
Major	Total duration
Medicine	3:00:00
Nursing, Bachelor degree	124:46:00
Nursing, Master degree	00:00:00
Midwifery, Bachelor degree	90:29:00
Midwifery, Master degree	00:00:00
Emergency medicine, Bachelor degree	00:00:00
Other	7:00:00
TOTAL	356:21:00

Table 17. Standardized patient attendance at classes in the summer semester by major.



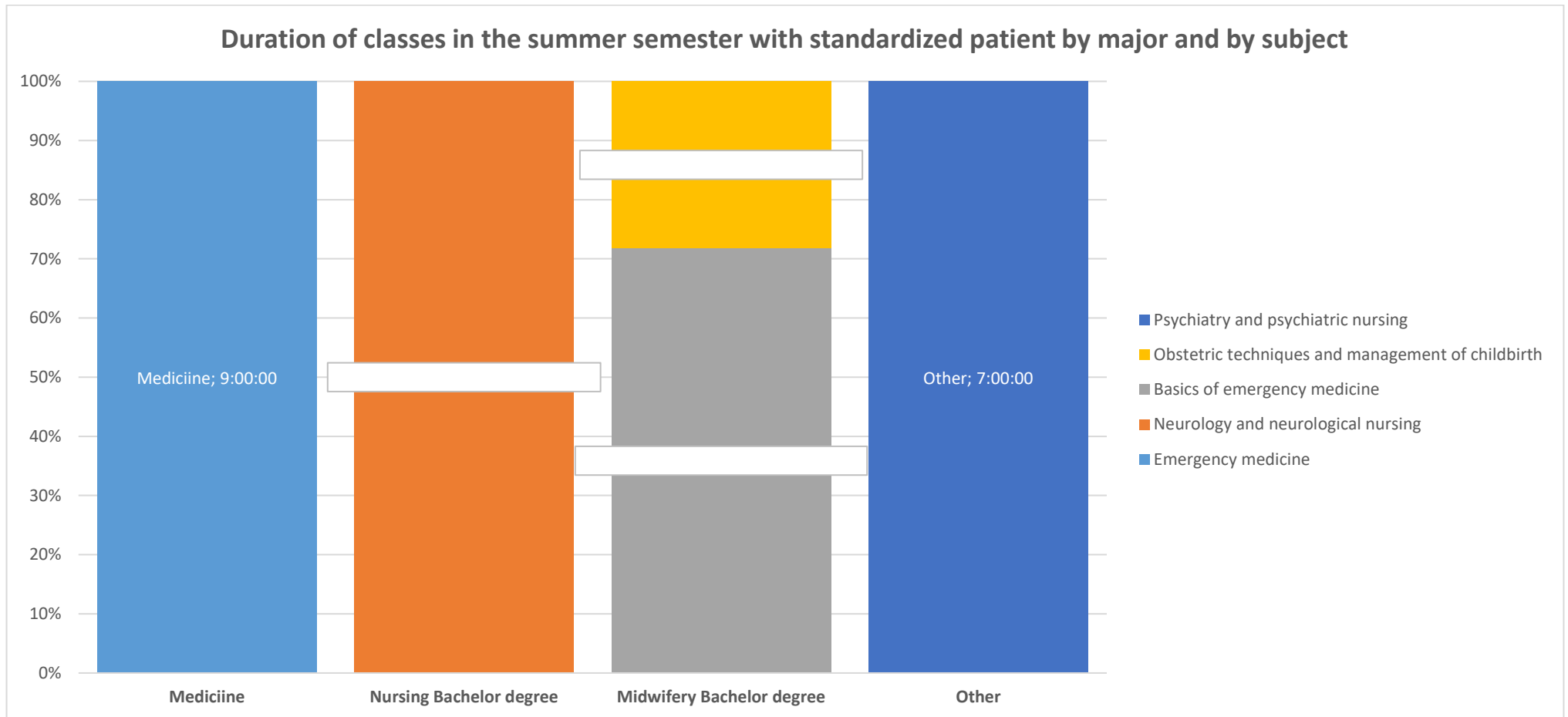
Major	Subject	Duration time	Total duration by majors
Medicine	Emergency medicine	69:10:00	72:10:00
	Emergency medicine with elements of disaster medicine	03:00:00	
Nursing, Bachelor degree	Pediatrics and pediatric nursing	02:00:00	56:55:00
	Geriatric nursing	26:10:00	
	Primary health care	02:30:00	
	Psychiatry and psychiatric nursing	26:15:00	
Nursing, Master degree	Emergency medicine	32:00:00	68:59:00
	Nursing counselling	36:59:00	
Emergency medicine, Bachelor degree	Obstetric techniques and management of childbirth	06:00:00	09:00:00
	Diploma exam laboratories - emergency medicine	03:00:00	

Table 18. Duration of classes in the winter semester with standardised patient by faculty and subjects.



Major	Subject	Duration time	Total duration by majors
Medicine	Emergency medicine	09:00:00	09:00:00
Nursing, Bachelor degree	Neurology and neurological nursing	26:00:00	26:00:00
Midwifery, Bachelor degree	Basics of emergency medicine	15:15:00	21:15:00
	Obstetric techniques and management of childbirth	06:00:00	
Other	Psychiatry and psychiatric nursing	07:00:00	07:00:00

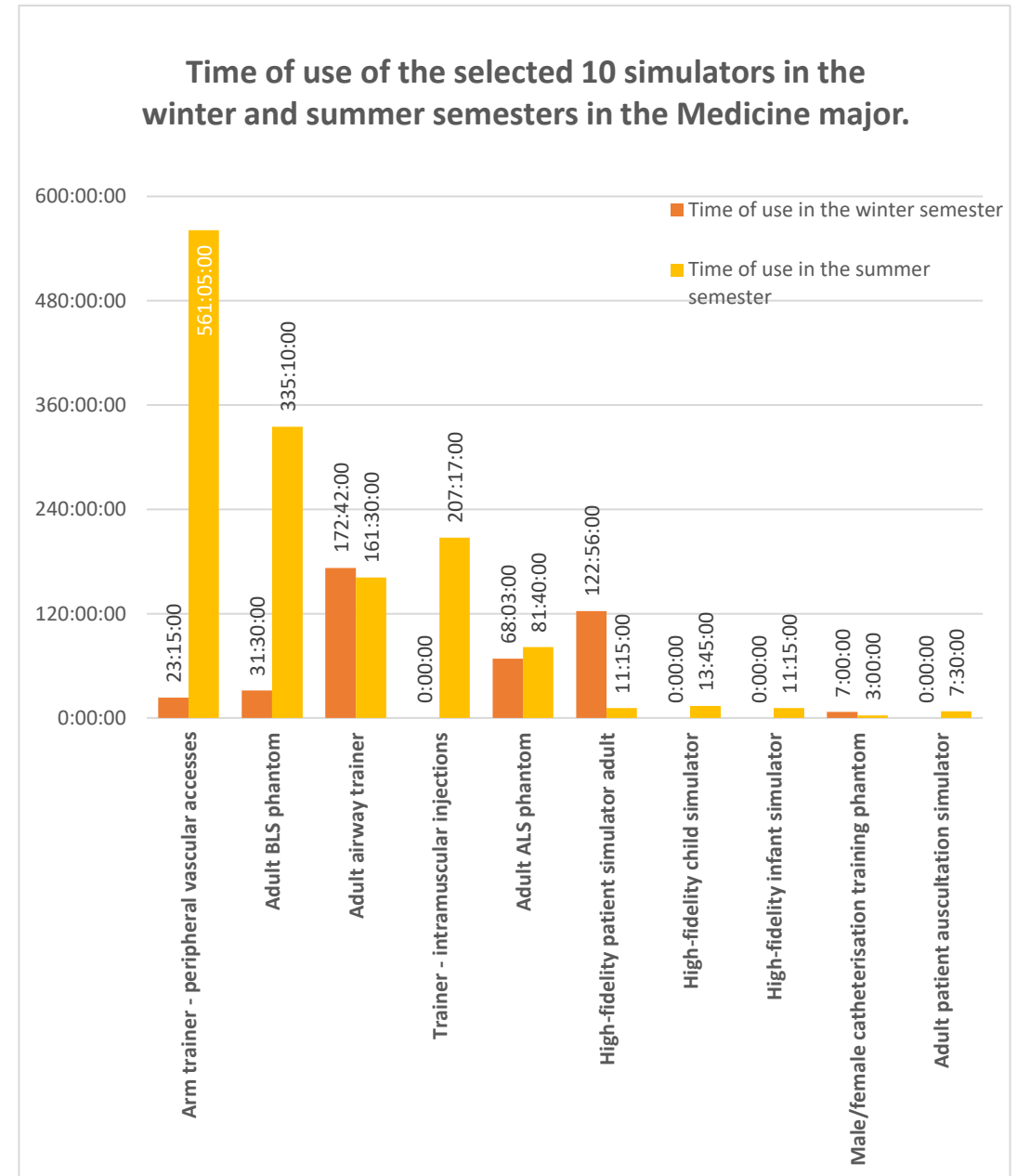
Table 19. Duration of classes in the summer semester with a patient standardized by major and by subjects.



EQUIPMENT

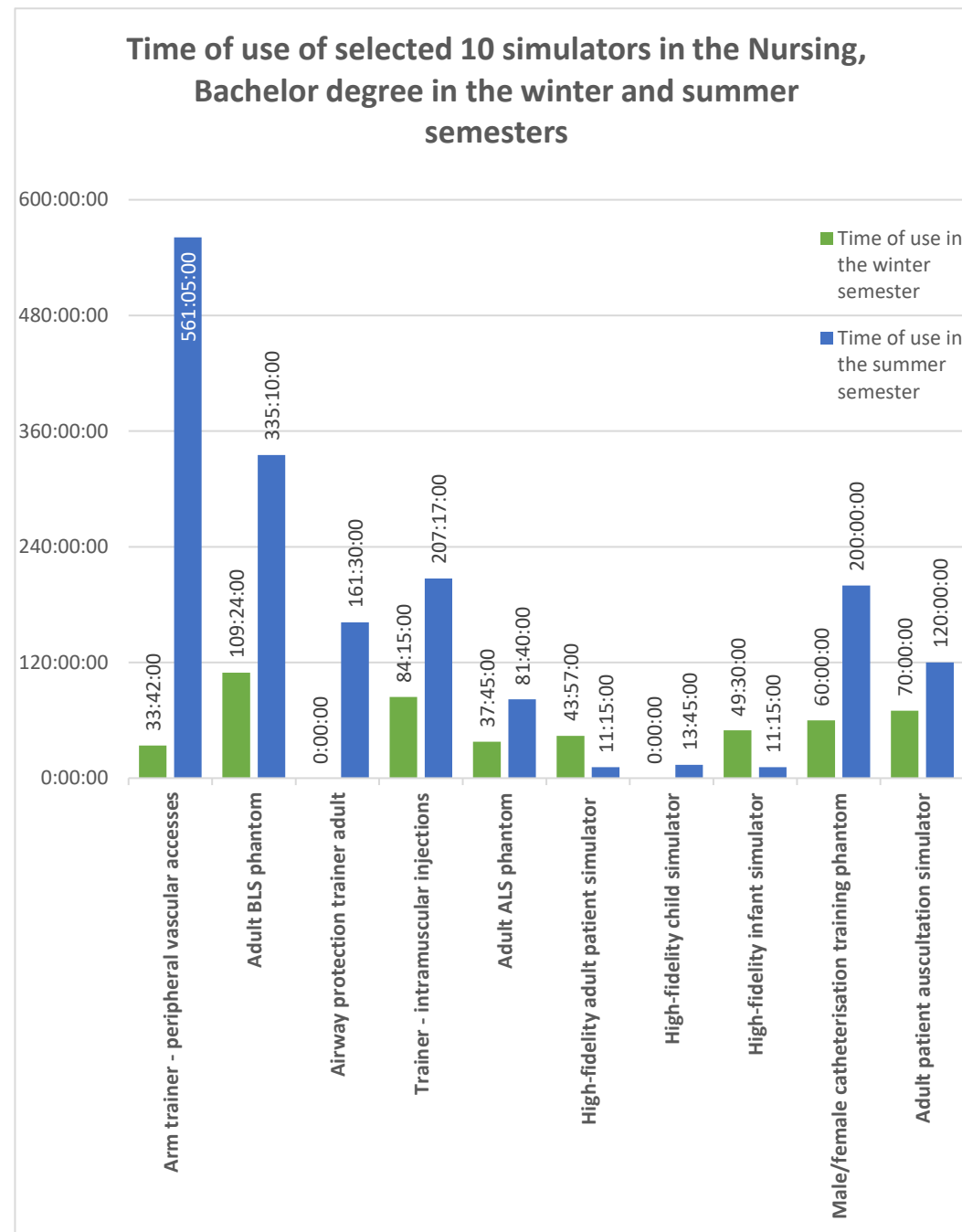
Selected simulators	Time of use in the winter semester	Time of use in the summer semester	Total time of use
Arm trainer - peripheral vascular accesses	23:15:00	561:05:00	584:20:00
Adult BLS phantom	31:30:00	335:10:00	366:40:00
Airway protection trainer adult	172:42:00	161:30:00	334:12:00
Trainer - intramuscular injections	0:00:00	207:17:00	207:17:00
Adult ALS phantom	68:03:00	81:40:00	149:43:00
High-fidelity patient simulator adult	122:56:00	11:15:00	134:11:00
High-fidelity child simulator	0:00:00	13:45:00	13:45:00
High-fidelity infant simulator	0:00:00	11:15:00	11:15:00
Male/female catheterisation training phantom	7:00:00	3:00:00	10:00:00
Adult patient auscultation simulator	0:00:00	7:30:00	7:30:00
TOTAL	425:26:00	1393:27:00	1818:53:00

Table 20. Time of use of the selected 10 simulators in the winter and summer semesters in the Medicine major.



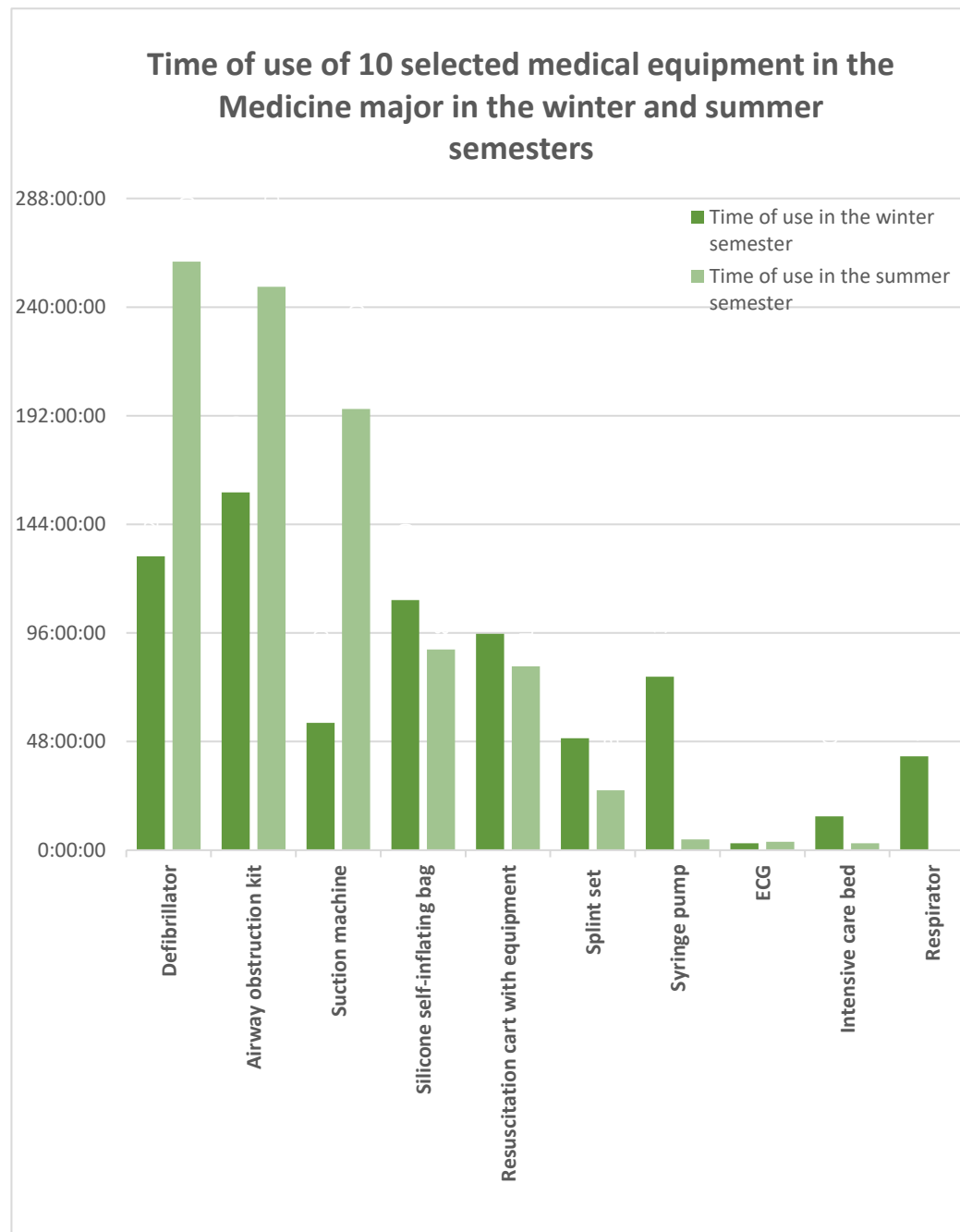
Selected simulators	Time of use in the winter semester	Time of use in the summer semester	Total time of use
Arm trainer - peripheral vascular accesses	33:42:00	561:05:00	594:47:00
Adult BLS phantom	109:24:00	335:10:00	444:34:00
Airway protection trainer adult	0:00:00	161:30:00	161:30:00
Trainer - intramuscular injections	84:15:00	207:17:00	291:32:00
Adult ALS phantom	37:45:00	81:40:00	119:25:00
High-fidelity patient simulator adult	43:57:00	11:15:00	55:12:00
High-fidelity child simulator	0:00:00	13:45:00	13:45:00
High-fidelity infant simulator	49:30:00	11:15:00	60:45:00
Male/female catheterisation training phantom	60:00:00	200:00:00	260:00:00
Adult patient auscultation simulator	70:00:00	120:00:00	190:00:00
TOTAL	488:33:00	1702:57:00	2191:30:00

Table 21. Time of use of selected simulators in the Nursing, Bachelor degree in the winter and summer semesters.



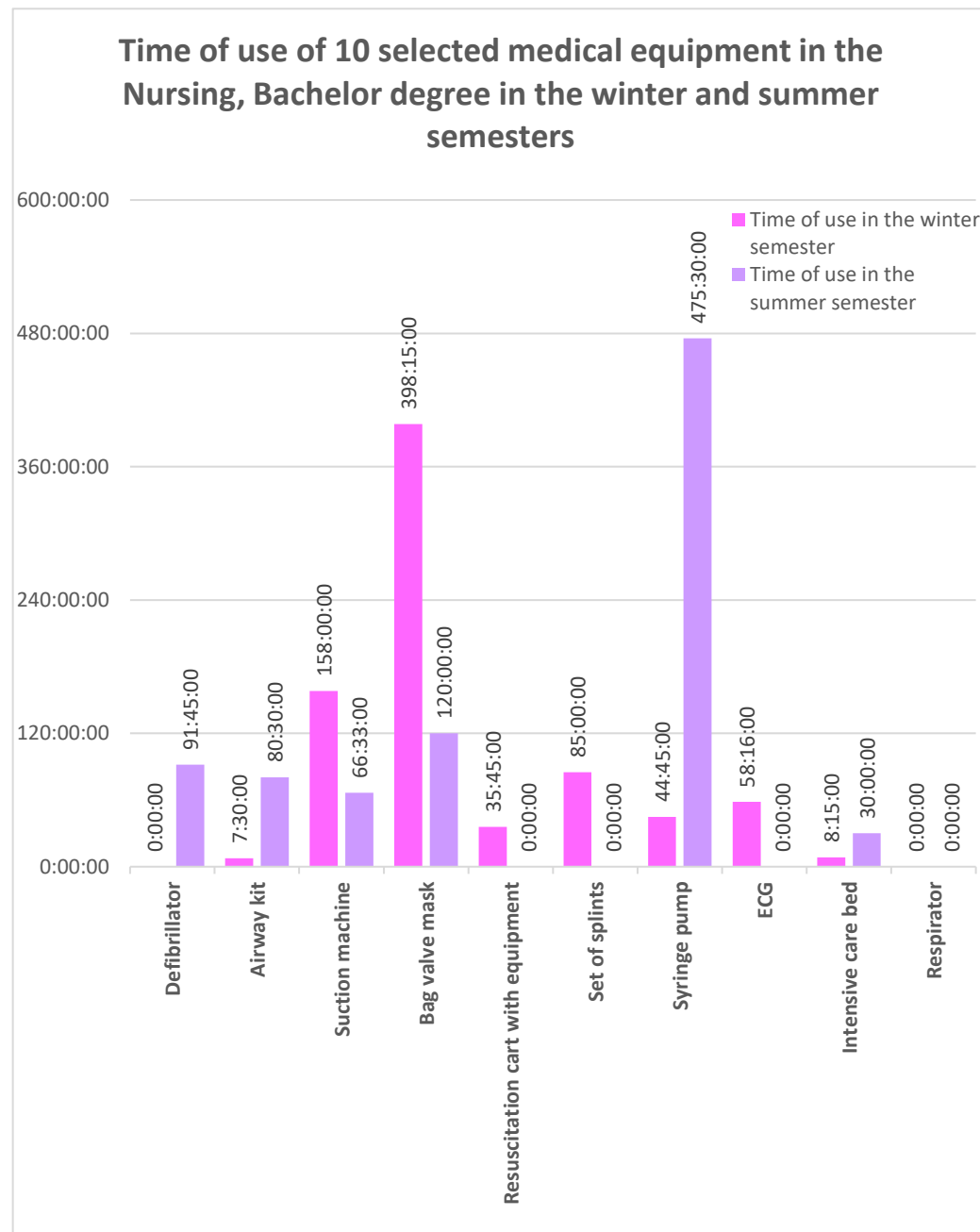
Medical equipment	Time of use in the winter semester	Time of use in the summer semester	Total time of use
Defibrillator	129:53:00	260:08:00	390:01:00
Airway obstruction kit	158:10:00	248:59:00	407:09:00
Suction machine	56:13:00	194:59:00	251:12:00
Silicone self-inflating bag	110:30:00	88:44:00	199:14:00
Resuscitation cart with equipment	95:39:00	81:15:00	176:54:00
Splint set	49:30:00	26:30:00	76:00:00
Syringe pump	76:37:00	4:45:00	81:22:00
ECG	3:00:00	3:45:00	6:45:00
Intensive care bed	15:00:00	3:00:00	18:00:00
Respirator	41:30:00	0:00:00	41:30:00
TOTAL	736:02:00	912:05:00	1648:07:00

Table 22. Time of use of 10 selected medical equipment in the Medicine major in the winter and summer semesters.



Selected medical equipment	Time of use in the winter semester	Time of use in the summer semester	Total time of use
Defibrillator	0:00:00	91:45:00	91:45:00
Airway kit	7:30:00	80:30:00	88:00:00
Suction machine	158:00:00	66:33:00	224:33:00
Bag valve mask	398:15:00	120:00:00	518:15:00
Resuscitation cart with equipment	35:45:00	0:00:00	35:45:00
Set of splints	85:00:00	0:00:00	85:00:00
Syringe pump	44:45:00	475:30:00	520:15:00
ECG	58:16:00	0:00:00	58:16:00
Intensive care bed	8:15:00	30:00:00	38:15:00
Respirator**	0:00:00	0:00:00	0:00:00
TOTAL	795:46:00	864:18:00	1660:04:00

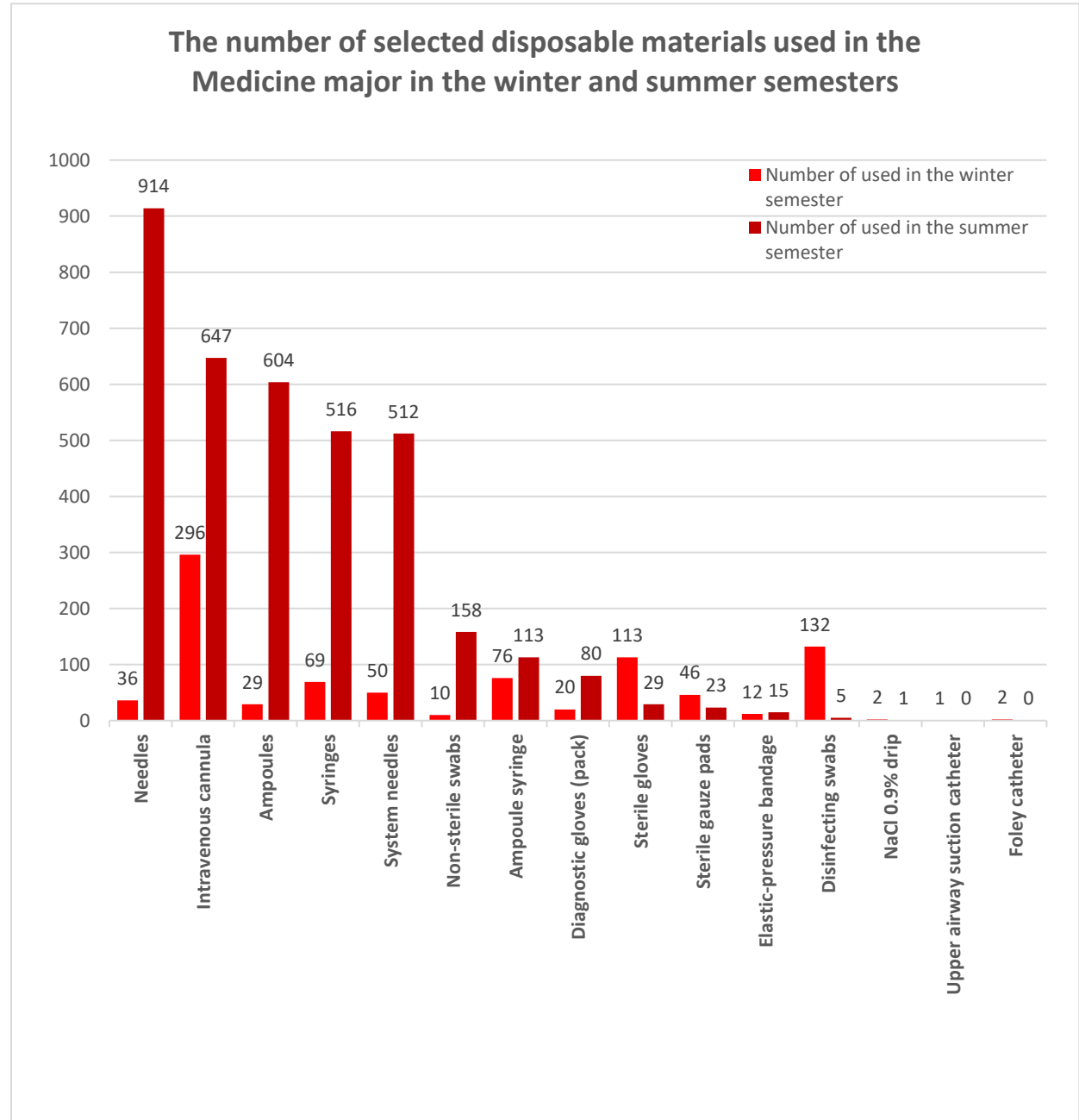
Table 23. Time of use of 10 selected medical equipment in the Nursing, Bachelor degree in the winter and summer semesters.



**The respirator was used in the winter semester for the Nursing, Master degree course for 13h 15m.

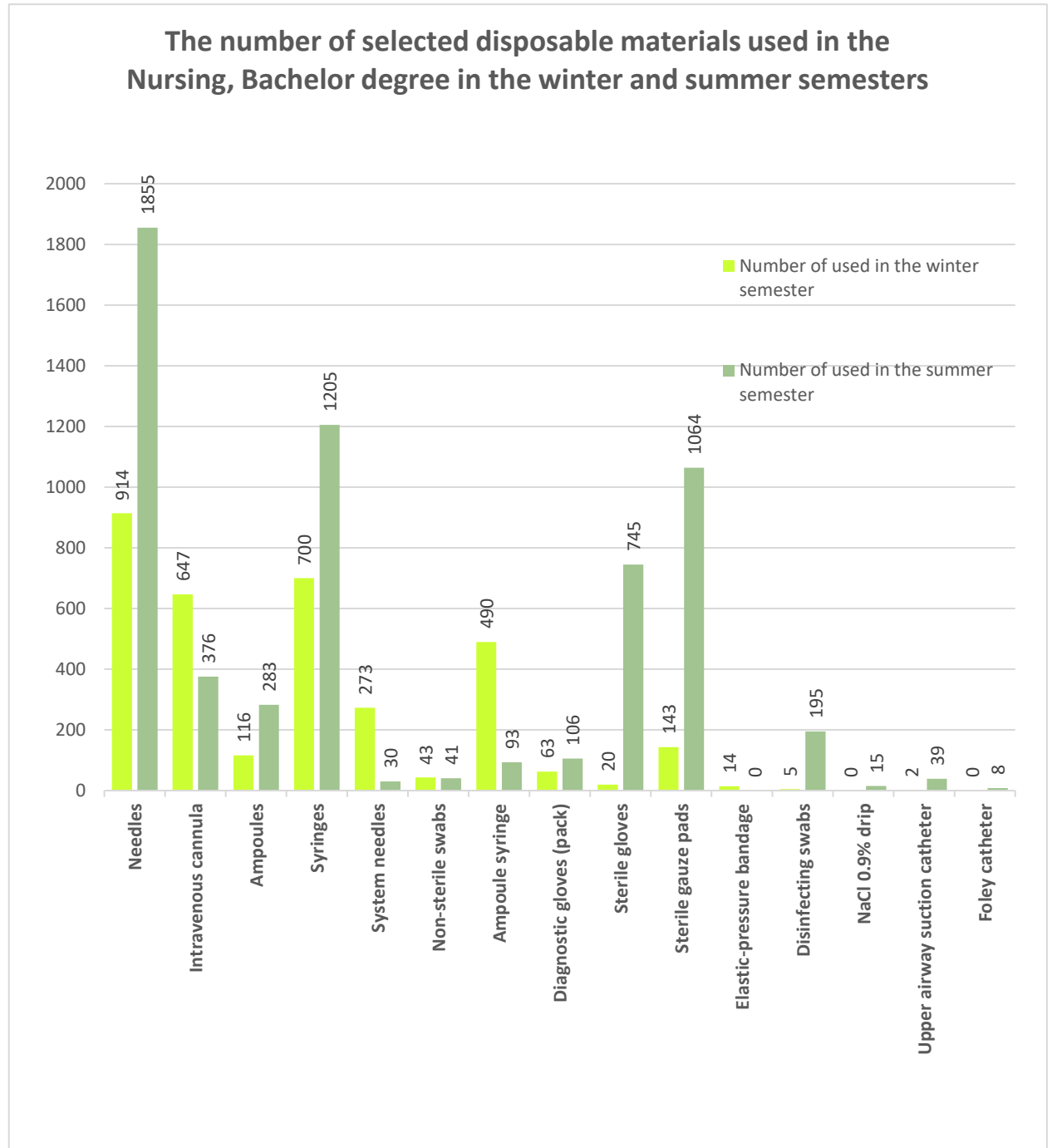
Selected disposable materials	Number of used in the winter semester	Number of used in the summer semester	Total number of used
Needles	36	914	950
Intravenous cannula	296	647	943
Ampoules	29	604	633
Syringes	69	516	585
System needles	50	512	562
Non-sterile swabs	10	158	168
Ampoule syringe	76	113	189
Diagnostic gloves (pack)	20	80	100
Sterile gloves	113	29	142
Sterile gauze pads	46	23	69
Elastic-pressure bandage	12	15	27
Disinfecting swabs	132	5	137
NaCl 0.9% drip	2	1	3
Upper airway suction catheter	1	0	1
Foley catheter	2	0	2
TOTAL	894	3617	4511

Table 24. The number of selected disposable materials used in the Medicine major in the winter and summer semesters.



Selected disposable materials	Number of used in the winter semester	Number of used in the summer semester	Total number of used
Needles	914	1855	2769
Intravenous cannula	647	376	1023
Ampoules	116	283	399
Syringes	700	1205	1905
System needles	273	30	303
Non-sterile swabs	43	41	84
Ampoule syringe	490	93	583
Diagnostic gloves (pack)	63	106	169
Sterile gloves	20	745	765
Sterile gauze pads	143	1064	1207
Elastic-pressure bandage	14	0	14
Disinfecting swabs	5	195	200
NaCl 0.9% drip	0	15	15
Upper airway suction catheter	2	39	41
Foley catheter	0	8	8
TOTAL	3430	6055	9485

Table 25. The number of selected disposable materials used in the Nursing, Bachelor degree in the winter and summer semesters.



Technician	Number of hours assigned	Number of classes assigned	Percentage
No technician	119:45:00	30	3,75%
Technician 1	208:00:00	48	5,99%
Technician 2	276:51:00	41	5,12%
Technician 3	10:00:00	1	0,12%
Technician 4	947:24:00	202	25,22%
Technician 5	7:29:00	1	0,12%
Technician 6	398:44:00	77	9,61%
Technician 7	82:24:00	11	1,37%
Technician 8	484:22:00	108	13,48%
Technician 9	543:09:00	123	15,36%
Technician 10	128:20:00	26	3,25%
Technician 11	145:54:00	25	3,12%
Technician 12	238:23:00	58	7,24%
Technician 13	221:39:00	50	6,24%
Total	3812:24:00	801	100,00%

Table 26. Assignment of technician to classes by number and by duration of classes.

