

UNIVERSITY OF ZAGREB SCHOOL OF MEDICINE

Plan of the course

School and University Medicine

Academic year **2016/2017**

prof. dr. sc. Vesna Jureša

I. COURSE AIMS

The course aim is to prepare students for recognition of schoolchildren and university student's specific needs, influence of school/educational system on health and main principles of health care, emphasising preventive measures and health promotion. Preventive measures include: general medical examination/check up, control examination, common disorders and diseases screening, growth and mature estimation, recognition of differences from standards, detection of risk behaviour, nicotine, alcohol and drug abuse, counselling and lecturing of normal schoolchildren and university students. Schoolchildren and university students with special needs are also covered with school medicine service.

II. COURSE STRUCTURE

Course hours:

Lectures: 8

Seminar: 4

Special clinical practicals: 6

Total hours: 18

1. Lectures (L) - 8 h

2. Interactive seminars (S) - 4 h

3. Practical (P) - 6 h

Total: 18 h

III. PLAN OF THE COURSE AND COURSE SCHEDULE

BLOCKS OF THE COURSE

Number of blocks: 1

Block number	Start	End
1.	3.4.2017	7.4.2017

BLOCKS OF THE COURSE

Number of blocks: 1

Block number	Start	End
1.	3.4.2017	7.4.2017

BLOCKS OF THE COURSE SCHEME

Block 1

Date	Time	Group	Course hours type	Theme	Teaching staff
Monday 3.4.2017.	09:00-09:45; ŠNZ A prizemlje	1,2	Lectures	General principles and objectives of school children and university students	prof. dr. sc. Vesna Jureša

Date	Time	Group	Course hours type	Theme	Teaching staff
	09:45-10:30; ŠNZ A prizemlje	1,2	Lectures	Development of school medicine in Croatia and other countries	prof. dr. sc. Vesna Jureša
	11:00-11:45; ŠNZ A prizemlje	1,2	Lectures	Requisitions and needs of school children and university students	prof. dr. sc. Vesna Jureša
	12:00-12:45; ŠNZ A prizemlje	1	Seminar	Health and social problems of elementary and high school children and university students	doc. dr. sc. Vera Musil
	12:00-12:45; ŠNZ P	2	Seminar	Health and social problems of elementary and high school children and university students	dr. sc. Marjeta Majer
Tuesday 4.4.2017.	08:00-10:15; ŠNZ terenske vježbe	1-19	Special clinical practicals	Practical in Public Health Institute "DR. ANDRIJA ŠTAMPAR" Department of school and adolescent medicine-providing of preventive and specific health care: anthropometric measurement, counselling, health promotion and vaccination with supervision of school medicine specialists (3P)	Marija Posavec, dr. sc. Iva Pejnović Franelić, Nina Petričević, dr. med., Branka Puškarić-Saić, pred., Tatjana Vidović-Petričević, doc. dr. sc. Vera Musil, Vlasta Mandac, Sandra Latković Prugovečki, Biserka Labavić, dr. med., Ljiljana Josipović, Zorana Galić, Tatjana Gadže Okić, Neda Ferenčić Vrban, dr. med., Ljiljana Đurić, dr. med., dr. sc. Ivana Pavić Šimetin, Dajana Malenica, dr. med., Maja Juroš, dr. sc. Marjeta Majer
Wednesday 5.4.2017.	08:00-10:15; ŠNZ terenske vježbe	1-19	Special clinical practicals	Practical in Public Health Institute "DR. ANDRIJA ŠTAMPAR" Department of school and adolescent medicine-providing of preventive and specific health care: anthropometric measurement, counselling, health promotion and vaccination with supervision of school medicine specialists (3P)	Tatjana Vidović-Petričević, Branka Puškarić-Saić, pred., Marija Posavec, Nina Petričević, dr. med., dr. sc. Iva Pejnović Franelić, Vlasta Mandac, dr. sc. Marjeta Majer, Biserka Labavić, dr. med., prof. dr. sc. Vesna Jureša, Ljiljana Josipović, Zorana Galić, Tatjana Gadže Okić, Neda Ferenčić Vrban, dr. med., Ljiljana Đurić, dr. med., Sandra Latković Prugovečki, dr. sc. Ivana Pavić Šimetin, Dajana Malenica, dr. med., doc. dr. sc. Vera Musil
Thursday 6.4.2017.	09:00-09:45; ŠNZ A prizemlje	1	Seminar	Oral presentations /report of practical in Department for school and university medicine	doc. dr. sc. Vera Musil
	09:00-09:45; ŠNZ K	2	Seminar	Oral presentations /report of practical in Department for school and university medicine	dr. sc. Marjeta Majer
	09:45-10:30; ŠNZ A prizemlje	1,2	Lectures	Reports regarding health status of school children and university students	prof. dr. sc. Vesna Jureša

Date	Time	Group	Course hours type	Theme	Teaching staff
	10:45-11:30; ŠNZ A prizemlje	1,2	Lectures	General medical examination/check up	prof. dr. sc. Vesna Jureša
	12:00-12:45; ŠNZ A prizemlje	1	Seminar	Mental & reproductive health in school aged children and adolescents	doc. dr. sc. Vera Musil
	12:00-12:45; ŠNZ K	2	Seminar	Mental & reproductive health in school aged children and adolescents	dr. sc. Marjeta Majer
	12:45-13:30; ŠNZ A prizemlje	1	Seminar	Chronic diseases in school aged children and adolescents	doc. dr. sc. Vera Musil
	12:45-13:30; ŠNZ K	2	Seminar	Chronic diseases in school aged children and adolescents	dr. sc. Marjeta Majer
Friday 7.4.2017.	09:00-09:45; ŠNZ A prizemlje	1,2	Lectures	Specific medical examination before entering educational/school system	prof. dr. sc. Vesna Jureša
	09:45-10:30; ŠNZ A prizemlje	1,2	Lectures	Influence of school and school settings on health status of school children and university students – Health Promoting School	prof. dr. sc. Gordana Pavleković
	10:45-11:30; ŠNZ A prizemlje	1,2	Lectures	Education of children with special needs, Evaluation	doc. dr. sc. Vera Musil

Number of turns: 1

Turn lasts 1 week (5 days)

Date of turn: 3.4. – 7.4.2017.

IV. EXAMINATIONS

IV. EXAMINATIONS

A. Exam will be in a form of written essay (1000 words) about organisation of care for school children and adolescents (in the country from where student comes from). **B. Types of examination and examination dates**

Additional term

10.04.2017.

Regular terms

08.05.2017.

26.06.2017.

03.07.2017.

V./I. LIST OF LECTURERS AND TEACHING STAFF

1. prof. dr. sc. Vesna Jureša

2. doc. dr. sc. Vera Musil

3. dr. sc. Marjeta Majer
4. prof. dr. sc. Gordana Pavleković

V./II EXTERNAL ASSOCIATES:

1. dr. sc. Iva Pejnović Franelić
2. dr. sc. Ivana Pavić Šimetin
3. Branka Puškarić-Saić, pred.
4. Tatjana Vidović-Petričević
5. Vlasta Mandac
6. Dajana Malenica, dr. med.
7. Marija Posavec
8. Ljiljana Josipović
9. Tatjana Gadže Okić
10. Zorana Galić
11. Neda Ferenčić Vrban, dr. med.
12. Maja Juroš
13. Sandra Latković Prugovečki
14. Biserka Labavić, dr. med.
15. Ljiljana Đurić, dr. med.
16. Nina Petričević, dr. med.

V./III UNTENURED LECTURERS:

VI. LITERATURE

VII. LITERATURE

A. Obligatory

1. Detels R, Beaglehole R, Lansang MA, Gulliford M. Textbook of Public Health, Fifth Edition. London: Oxford University Press, 2011. (selected chapters)
2. Lawrence S Neinstein et al: Adolescent health care: a practical guide. Philadelphia, Lippincott Williams & Wilkins; 2008. (selected chapters)
3. Gail B Slap. Adolescent medicine. Philadelphia, PA Mosby/Elsevier; 2008. (selected chapters)

B. Additional

Additional literature will be assigned individually during the seminar preparations:

1. Bannink R, Broeren S, van de Looij-Jansen PM, de Waart FG, Raat H. Cyber and traditional bullying victimization as a risk factor for mental health problems and suicidal ideation in adolescents. PLoS One. 2014 Apr 9;9(4):e94026.

2. Cerni Obrdalj E, Zadro K2, Batić-Mujanović O, Zalihić A. Satisfaction with the program of school bullying prevention and mental health promotion - Cross sectional study among primary school pupils in Mostar. *Acta Med Acad.* 2014 May;43(1):35-9.
3. Zottis GA, Salum GA, Isolan LR3, Manfro GG, Heldt E. Associations between child disciplinary practices and bullying behavior in adolescents. *J Pediatr (Rio J).* 2014 Mar 11. pii: S0021-7557(14)00031-X.
4. Verlinden M, Tiemeier H, Veenstra R, Mieloo CL, Jansen W, Jaddoe VW, Raat H, Hofman A, Verhulst FC, Jansen PW1. Television viewing through ages 2-5 years and bullying involvement in early elementary school. *BMC Public Health.* 2014 Feb 12;14(1):157.
5. Leiner M, Dwivedi AK, Villanos MT, Singh N, Blunk D, Peinado J. Psychosocial profile of bullies, victims, and bully-victims: a cross-sectional study. *Front Pediatr.* 2014 Jan 14;2:1.
6. Park H S, Jung S Y. Development of a Gambling Addictive Behavior Scale for Adolescents in Korea. *College of Nursing, Catholic University of Daegu* 2012, 3056-6.
7. Ostojic D, Charach A, Henderson J, McAuley T, Crosbie J. Childhood ADHD and addictive behaviours in adolescence: a canadian sample. *J Can Acad Child Adolesc Psychiatry.* 2014 May;23(2):128-35.
8. Pejnović Franelić et al. Impact of environmental factors on marijuana use in 11 European countries. *Croat Med J.* 2011; 52: 446-57.
9. Picazo-Zappino J. Suicide among children and adolescents: a review. *Actas Esp Psiquiatr.* 2014 May;42(3):125-32. Epub 2014 May 1.
10. Mann AP et al. Factors Associated With Substance Use in Adolescents With Eating Disorders. *J Adolesc Health.* 2014 Mar 18. pii: S1054-139X(14)00060-3.
11. Hilbert A. Cognitive-behavioral therapy for binge eating disorder in adolescents: study protocol for a randomized controlled trial. *Trials.* 2013 Sep 25;14:312.
12. Yilmazel G, Duman NB. Knowledge, Attitudes and Beliefs about Cervical Cancer and Human Papilloma Virus Vaccination with Related Factors in Turkish University Students. *Asian Pac J Cancer Prev.* 2014;15(8):3699-704.
13. Kennedy E, Gray N, Azzopardi P, Creati M. Adolescent fertility and family planning in East Asia and the Pacific: a review of DHS reports. *Kennedy et al. Reproductive Health* 2011, 8:11.
14. Dittus PJ, De Rosa CJ, Jeffries RA, Afifi AA, Cumberland WG, Chung EQ, Martinez E, Kerndt PR, Ethier KA. The Project Connect Health Systems Intervention: Linking Sexually Experienced Youth to Sexual and Reproductive Health Care. *J Adolesc Health.* 2014 May 22. pii: S1054-139X(14)00182-7.
15. Gottschalk LB, Ortayli N. Interventions to improve adolescents' contraceptive behaviors in low- and middle-income countries: a review of the evidence base. *Contraception.* 2014 May 4. pii: S0010-7824(14)00209-1.
16. Navarro-Illana P, Diez-Domingo J, Navarro-Illana E, Tuells J, Alemán S, Puig-Barberá J. "Knowledge and attitudes of Spanish adolescent girls towards human papillomavirus infection: where to intervene to improve vaccination coverage". *BMC Public Health.* 2014 May 22;14:490.
17. Veček N et al. Secular trend of menarche in Zagreb (Croatia) adolescents. *European Journal of Obstetrics & Gynecology and Reproductive Biology* 160 (2012) 51–54
18. Jureša V et al. Growth Charts for Croatian School Children and Secular Trends in Past Twenty Years. *Croatian Growth Charts Secular Trends, Coll. Antropol.* 36 (2012) Suppl. 1: 47–57.
19. Jureša V et al. Behavioral Pattern of Overweight and Obese School Children. *Overweight and Obese School Children, Coll. Antropol.* 36 (2012) Suppl. 1: 139–46.
20. Simen-Kapeu A, Veugelers PJ. Should public health interventions aimed at reducing childhood overweight and obesity be gender-focused? *BMC Public Health.* 2010;10:340.
21. Bilić-Kirin V, Burazin J, Buljan V, Miličić V, Gmajnić R. Influence of health education regarding correct diet on anthropometric indexes in children. *Coll Antropol.* 2013 Dec;37(4):1089-94.

22. Fonseca H, Palmeira AL, Martins SC, Falcato L, Quaresma A. Managing paediatric obesity: a multidisciplinary intervention including peers in the therapeutic process. *BMC Pediatr.* 2014 Apr 3;14:89.
23. de Moraes LI, Nicola TC, de Jesus JS, Alves ER, Giovaninni NP, Marcato DG, Sampaio JD, Fuly JT, Costalonga EF. High blood pressure in children and its correlation with three definitions of obesity in childhood. *Arq Bras Cardiol.* 2014 Feb;102(2):175-80.
24. Musil V, Majer M, Juresa V. Elevated blood pressure in school children and adolescents--prevalence and associated risk factors. *Coll Antropol.* 2012 Jan;36 Suppl 1:147-55.
25. Redwine KM, Falkner B. Progression of prehypertension to hypertension in adolescents. *Curr Hypertens Rep.* 2012 Dec;14(6):619-25.
26. Wijnhoven et al. The effect of the video game Mindlight on anxiety symptoms in children with an Autism Spectrum Disorder. *BMC Psychiatry* 2015; 15:138.
27. Pisula E, Kossakowska Z. Sense of coherence and coping with stress among mothers and fathers of children with autism. *J Autism Dev Disord* 2010;40:1485-94.
28. Zibar-Komarica V. Teškoće učenja i prilagodbe na školu ne prestaju s adolescencijom. *MEDICUS* 2009;18(2):211-15.
29. Begovac I et al. The loss of criteria for mental retardation and regression of symptoms of childhood autism during a five-year follow-up - a case report. *Acta Clin Croat* 2009;48:445-50.
30. Hall HR et al. The relationships among adaptive behaviors of children with autism, family support, parenting stress, and coping. *Issues in Comprehensive Pediatric Nursing* 2011;34:4-25.