

UNIVERSITY OF ZAGREB SCHOOL OF MEDICINE

Plan of the course

Family Medicine

Academic year **2016/2017**

doc. dr. sc. Zlata Ožvačić Adžić

I. COURSE AIMS

COURSE AIMS:

- To teach the students to understand principles of comprehensive primary health care: to preserve and to promote health, early detect and diagnose diseases, carry out treatments and the rehabilitation of individuals and families in their natural environment
- To give the students the understanding of functioning and organization of family medicine (FM)
- To acquire appropriate knowledge and skills for understanding and solving the most common symptoms, signs and complaints of persons in care of a family doctor / general practitioner
- To acquire appropriate knowledge and skills for understanding and providing care for patients with the most frequent acute and chronic diseases and emergency situations
- To give the students the understanding of the influence of social and economic factors in the health care system as well as to give specific knowledge needed for work within the community
- The course should prepare students for research work and for life-long learning.

II. COURSE STRUCTURE

Course hours:

Lectures: 16

Seminar: 30

Special clinical practicals: 59

Total hours: 105

Lectures (L): 16

Seminars (S): 30

Practicals (P): 59

Total: 105

III. PLAN OF THE COURSE AND COURSE SCHEDULE

BLOCKS OF THE COURSE

Number of blocks: 1

Block number	Start	End
1.	13.2.2017	10.3.2017

BLOCKS OF THE COURSE

Number of blocks: 1

Block number	Start	End
1.	13.2.2017	10.3.2017

BLOCKS OF THE COURSE SCHEME

Block 1

Date	Time	Group	Course hours type	Theme	Teaching staff
Monday 13.2.2017.	09:00-10:30; ŠNZ O	A+B	Lectures	Introduction to course Development and characteristics of general practice / family medicine in Croatia and Europe Family medicine within health system	doc. dr. sc. Zlata Ožvačić Adžić
	11:00-11:45; ŠNZ O	A+B	Lectures	Medical records	doc. dr. sc. Zlata Ožvačić Adžić
	12:00-12:45; ŠNZ O	A+B	Lectures	Family approach in family medicine	doc. dr. sc. Stanislava Stojanović - Špehar
Tuesday 14.2.2017.	09:00-09:45; ŠNZ O	A+B	Lectures	Patient-centered care	doc. dr. sc. Goranka Petriček
	10:00-10:45; ŠNZ O	A+B	Lectures	Characteristics of clinical reasoning in FM	doc. dr. sc. Goranka Petriček
	11:00-12:30; ŠNZ O	A+B	Lectures	Collaboration between primary and secondary care services, the referral process	doc. dr. sc. Venija Cerovečki Nekić
Wednesday 15.2.2017.	08:30-13:00; ŠNZ NP obiteljske medicine		Special clinical practicals	Practical work in the selected FM offices under supervision of a trained tutor	Marko Vukadinović, dr. med., Nevenka Vinter-Repalust, pred., Ivančica Topličan Adžić, dr. med., Vesna Tabak, dr. med., Dragan Soldo, dr. med., Ornella Santini Manzin, dr. med., Lada Ribarić-Klarić, dr. med., Marija Petrovčić, dr. med., Ivančica Peček, dr. med., doc. dr. sc. Zlata Ožvačić Adžić, Ružica Lauc, dr. med., dr. sc. Ksenija Kranjčević, Ljiljanka Jurković, pred., dr. sc. Miroslav Hanževački, Nataša Buljan, dr. med., doc. dr. sc. Venija Cerovečki Nekić, doc. dr. sc. Stanislava Stojanović - Špehar, doc. dr. sc. Đurđica Kašuba Lazić, izv. prof. dr. sc. Marija Vrca Botica, prof. dr. sc. Biserka Bergman-Marković, izv. prof. dr. sc. Hrvoje Tiljak, Jelena Pukšić Haubrih, dr. med., Hrvoje Uremović, dr. med., Erika Kesić, dr. med., Daniela Hamulka, dr. med., dr. sc. Valerija Bralić Lang
Thursday 16.2.2017.	09:30-10:15; MEF Mašek	A+B	Lectures	Communication skills and "difficult" communications in FM	Davorina Petek

Date	Time	Group	Course hours type	Theme	Teaching staff
	10:30-12:00; MEF Mašek	A+B	Lectures	Continuity of care Home visits and long-term home care	doc. dr. sc. Zlata Ožvačić Adžić
	12:15-13:45; MEF Mašek	A+B	Lectures	Drug prescribing	doc. dr. sc. Venija Cerovečki Nekić
Friday 17.2.2017.	08:30-13:00; ŠNZ NP obiteljske medicine		Special clinical practicals	Practical work in the selected FM offices under supervision of a trained tutor	doc. dr. sc. Venija Cerovečki Nekić, prof. dr. sc. Milica Katić, doc. dr. sc. Đurđica Kašuba Lazić, doc. dr. sc. Goranka Petriček, prof. dr. sc. Biserka Bergman-Marković, izv. prof. dr. sc. Hrvoje Tiljak, izv. prof. dr. sc. Marija Vrca Botica, doc. dr. sc. Stanislava Stojanović - Špehar, dr. sc. Ksenija Kranjčević, dr. sc. Miroslav Hanževački, Nevenka Vinter-Repalust, pred., Ljiljanka Jurković, pred., Lada Ribarić-Klarić, dr. med., Nataša Buljan, dr. med., dr. sc. Valerija Bralić Lang, Daniela Hamulka, dr. med., Erika Kesić, dr. med., Ružica Lauc, dr. med., Ivančica Peček, dr. med., Marija Petrovčić, dr. med., Jelena Pukšić Haubrih, dr. med., Ornella Santini Manzin, dr. med., Vesna Tabak, dr. med., Ivančica Topličan Adžić, dr. med., Hrvoje Uremović, dr. med., Marko Vukadinović, dr. med.

Date	Time	Group	Course hours type	Theme	Teaching staff
Monday 20.2.2017.	08:30-13:00; ŠNZ NP obiteljske medicine		Special clinical practicals	Practical work in the selected FM offices under supervision of a trained tutor	Marko Vukadinović, dr. med., Nevenka Vinter-Repalust, pred., Ivančica Topličan Adžić, dr. med., Vesna Tabak, dr. med., Ornella Santini Manzin, dr. med., Lada Ribarić- Klarić, dr. med., Marija Petrovčić, dr. med., Ivančica Peček, dr. med., Ružica Lauc, dr. med., dr. sc. Ksenija Kranjčević, Ljiljanka Jurković, pred., dr. sc. Miroslav Hanževački, Nataša Buljan, dr. med., doc. dr. sc. Stanislava Stojanović - Špehar, doc. dr. sc. Đurđica Kašuba Lazić, izv. prof. dr. sc. Marija Vrca Botica, Dragan Soldo, dr. med., prof. dr. sc. Biserka Bergman-Marković, izv. prof. dr. sc. Hrvoje Tiljak, Jelena Pukšić Haubrih, dr. med., Hrvoje Uremović, dr. med., dr. sc. Valerija Bralić Lang, Daniela Hamulka, dr. med., Erika Kesić, dr. med.
	14:00-18:30; ŠNZ NP obiteljske medicine		Special clinical practicals	Practical work in the selected FM offices under supervision of a trained tutor	doc. dr. sc. Venija Cerovečki Nekić, doc. dr. sc. Zlata Ožvačić Adžić

Date	Time	Group	Course hours type	Theme	Teaching staff
Tuesday 21.2.2017.	08:30-13:00; ŠNZ NP obiteljske medicine		Special clinical practicals	Practical work in the selected FM offices under supervision of a trained tutor	Marko Vukadinović, dr. med., Nevenka Vinter-Repalust, pred., Ivančica Topličan Adžić, dr. med., Vesna Tabak, dr. med., Ornella Santini Manzin, dr. med., Lada Ribarić- Klarić, dr. med., Marija Petrovčić, dr. med., Ivančica Peček, dr. med., Ružica Lauc, dr. med., dr. sc. Ksenija Kranjčević, Ljiljanka Jurković, pred., dr. sc. Miroslav Hanževački, Nataša Buljan, dr. med., doc. dr. sc. Venija Cerovečki Nekić, doc. dr. sc. Stanislava Stojanović - Špehar, doc. dr. sc. Goranka Petriček, doc. dr. sc. Đurđica Kašuba Lazić, izv. prof. dr. sc. Marija Vrca Botica, prof. dr. sc. Biserka Bergman- Marković, izv. prof. dr. sc. Hrvoje Tiljak, prof. dr. sc. Milica Katić, Jelena Pukšić Haubrih, dr. med., Hrvoje Uremović, dr. med., Erika Kesić, dr. med., dr. sc. Valerija Bralić Lang, Daniela Hamulka, dr. med.
Wednesday 22.2.2017.	08:30-10:45; ŠNZ P2	A	Seminar	Hypertension	prof. dr. sc. Biserka Bergman-Marković
	08:30-11:30; ŠNZ P3	B	Seminar	Mental health problems – drug abuse and addiction, psychosomatic disorders	izv. prof. dr. sc. Hrvoje Tiljak
	11:15-12:45; ŠNZ P2	A	Seminar	Cardiovascular risk factors prevention and disease management	prof. dr. sc. Biserka Bergman-Marković
Thursday 23.2.2017.	08:30-11:30; ŠNZ P3	A	Seminar	Mental health problems – drug abuse and addiction, psychosomatic disorders	izv. prof. dr. sc. Hrvoje Tiljak
	08:30-10:45; ŠNZ P2	B	Seminar	Hypertension	prof. dr. sc. Biserka Bergman-Marković
	11:15-12:45; ŠNZ P2	B	Seminar	Cardiovascular risk factors prevention and disease management	prof. dr. sc. Biserka Bergman-Marković

Date	Time	Group	Course hours type	Theme	Teaching staff
Friday 24.2.2017.	08:30-13:00; ŠNZ NP obiteljske medicine		Special clinical practicals	Practical work in the selected FM offices under supervision of a trained tutor	Marko Vukadinović, dr. med., Nevenka Vinter-Repalust, pred., Ivančica Topličan Adžić, dr. med., Vesna Tabak, dr. med., Ornella Santini Manzin, dr. med., Lada Ribarić- Klarić, dr. med., Marija Petrovčić, dr. med., Ivančica Peček, dr. med., Ružica Lauc, dr. med., dr. sc. Ksenija Kranjčević, Ljiljanka Jurković, pred., dr. sc. Miroslav Hanževački, Nataša Buljan, dr. med., doc. dr. sc. Zlata Ožvačić Adžić, doc. dr. sc. Venija Cerovečki Nekić, doc. dr. sc. Stanislava Stojanović - Špehar, doc. dr. sc. Đurđica Kašuba Lazić, izv. prof. dr. sc. Marija Vrca Botica, Dragan Soldo, dr. med., prof. dr. sc. Biserka Bergman-Marković, izv. prof. dr. sc. Hrvoje Tiljak, Jelena Pukšić Haubrih, dr. med., Hrvoje Uremović, dr. med., Erika Kesić, dr. med., dr. sc. Valerija Bralić Lang, Daniela Hamulka, dr. med.

Date	Time	Group	Course hours type	Theme	Teaching staff
Monday 27.2.2017.	08:30-13:00; ŠNZ NP obiteljske medicine		Special clinical practicals	Practical work in the selected FM offices under supervision of a trained tutor	Marko Vukadinović, dr. med., Nevenka Vinter-Repalust, pred., Ivančica Topličan Adžić, dr. med., Vesna Tabak, dr. med., Ornella Santini Manzin, dr. med., Lada Ribarić- Klarić, dr. med., Marija Petrovčić, dr. med., Ivančica Peček, dr. med., Ružica Lauc, dr. med., dr. sc. Ksenija Kranjčević, Ljiljanka Jurković, pred., dr. sc. Miroslav Hanževački, Nataša Buljan, dr. med., doc. dr. sc. Venija Cerovečki Nekić, doc. dr. sc. Stanislava Stojanović - Špehar, doc. dr. sc. Goranka Petriček, doc. dr. sc. Đurđica Kašuba Lazić, izv. prof. dr. sc. Marija Vrca Botica, prof. dr. sc. Biserka Bergman- Marković, izv. prof. dr. sc. Hrvoje Tiljak, prof. dr. sc. Milica Katić, Jelena Pukšić Haubrih, dr. med., Hrvoje Uremović, dr. med., Erika Kesić, dr. med., dr. sc. Valerija Bralić Lang, Daniela Hamulka, dr. med.

Date	Time	Group	Course hours type	Theme	Teaching staff
Tuesday 28.2.2017.	08:30-13:00; ŠNZ NP obiteljske medicine		Special clinical practicals	Practical work in the selected FM offices under supervision of a trained tutor	Marko Vukadinović, dr. med., Nevenka Vinter-Repalust, pred., Ivančica Topličan Adžić, dr. med., Vesna Tabak, dr. med., Ornella Santini Manzin, dr. med., Lada Ribarić- Klarić, dr. med., Marija Petrovčić, dr. med., Ivančica Peček, dr. med., Ružica Lauc, dr. med., dr. sc. Ksenija Kranjčević, Ljiljanka Jurković, pred., dr. sc. Miroslav Hanževački, Nataša Buljan, dr. med., doc. dr. sc. Zlata Ožvačić Adžić, doc. dr. sc. Venija Cerovečki Nekić, doc. dr. sc. Stanislava Stojanović - Špehar, doc. dr. sc. Đurđica Kašuba Lazić, izv. prof. dr. sc. Marija Vrca Botica, Dragan Soldo, dr. med., prof. dr. sc. Biserka Bergman-Marković, izv. prof. dr. sc. Hrvoje Tiljak, Jelena Pukšić Haubrih, dr. med., Hrvoje Uremović, dr. med., Erika Kesić, dr. med., dr. sc. Valerija Bralić Lang, Daniela Hamulka, dr. med.
Wednesday 1.3.2017.	08:30-10:45; ŠNZ D	A	Seminar	COPD	doc. dr. sc. Goranka Petriček
	08:30-10:45; ŠNZ G	B	Seminar	Rheumatic diseases	doc. dr. sc. Stanislava Stojanović - Špehar
	11:15-13:30; ŠNZ D	B	Seminar	COPD	doc. dr. sc. Goranka Petriček
	11:15-13:30; ŠNZ G	A	Seminar	Rheumatic diseases	doc. dr. sc. Stanislava Stojanović - Špehar
Thursday 2.3.2017.	08:30-10:45; ŠNZ D	A	Seminar	Diabetes	izv. prof. dr. sc. Marija Vrca Botica
	08:30-10:45; ŠNZ G	B	Seminar	Gastrointestinal diseases, Malignant diseases	Dragan Soldo, dr. med.
	11:15-13:30; ŠNZ D	B	Seminar	Diabetes	izv. prof. dr. sc. Marija Vrca Botica
	11:15-13:30; ŠNZ G	A	Seminar	Gastrointestinal diseases, Malignant diseases	Dragan Soldo, dr. med.

Date	Time	Group	Course hours type	Theme	Teaching staff
Friday 3.3.2017.	08:30-13:00; ŠNZ NP obiteljske medicine		Special clinical practicals	Practical work in the selected FM offices under supervision of a trained tutor	Marko Vukadinović, dr. med., Nevenka Vinter-Repalust, pred., Ivančica Topličan Adžić, dr. med., Vesna Tabak, dr. med., Ornella Santini Manzin, dr. med., Lada Ribarić- Klarić, dr. med., Marija Petrovčić, dr. med., Ivančica Peček, dr. med., Ružica Lauc, dr. med., dr. sc. Ksenija Kranjčević, Ljiljanka Jurković, pred., dr. sc. Miroslav Hanževački, Nataša Buljan, dr. med., doc. dr. sc. Venija Cerovečki Nekić, doc. dr. sc. Stanislava Stojanović - Špehar, doc. dr. sc. Goranka Petriček, doc. dr. sc. Đurđica Kašuba Lazić, izv. prof. dr. sc. Marija Vrca Botica, prof. dr. sc. Biserka Bergman- Marković, izv. prof. dr. sc. Hrvoje Tiljak, prof. dr. sc. Milica Katić, Jelena Pukšić Haubrih, dr. med., Hrvoje Uremović, dr. med., dr. sc. Valerija Bralić Lang, Erika Kesić, dr. med., Daniela Hamulka, dr. med.

Date	Time	Group	Course hours type	Theme	Teaching staff
Monday 6.3.2017.	08:30-13:00; ŠNZ NP obiteljske medicine		Special clinical practicals	Practical work in the selected FM offices under supervision of a trained tutor	Marko Vukadinović, dr. med., Nevenka Vinter-Repalust, pred., Ivančica Topličan Adžić, dr. med., Vesna Tabak, dr. med., Ornella Santini Manzin, dr. med., Lada Ribarić- Klarić, dr. med., Marija Petrovčić, dr. med., Ivančica Peček, dr. med., Ružica Lauc, dr. med., dr. sc. Ksenija Kranjčević, Ljiljanka Jurković, pred., dr. sc. Miroslav Hanževački, Nataša Buljan, dr. med., doc. dr. sc. Venija Cerovečki Nekić, doc. dr. sc. Stanislava Stojanović - Špehar, doc. dr. sc. Goranka Petriček, doc. dr. sc. Đurđica Kašuba Lazić, izv. prof. dr. sc. Marija Vrca Botica, prof. dr. sc. Biserka Bergman- Marković, izv. prof. dr. sc. Hrvoje Tiljak, prof. dr. sc. Milica Katić, Jelena Pukšić Haubrih, dr. med., Hrvoje Uremović, dr. med., Erika Kesić, dr. med., Daniela Hamulka, dr. med., dr. sc. Valerija Bralić Lang

Date	Time	Group	Course hours type	Theme	Teaching staff
Tuesday 7.3.2017.	08:30-12:15; ŠNZ NP obiteljske medicine		Special clinical practicals	Practical work in the selected FM offices under supervision of a trained tutor	Marko Vukadinović, dr. med., Nevenka Vinter-Repalust, pred., Ivančica Topličan Adžić, dr. med., Vesna Tabak, dr. med., Ornella Santini Manzin, dr. med., Lada Ribarić- Klarić, dr. med., Marija Petrovčić, dr. med., Ivančica Peček, dr. med., Ružica Lauc, dr. med., dr. sc. Ksenija Kranjčević, Ljiljanka Jurković, pred., dr. sc. Miroslav Hanževački, Nataša Buljan, dr. med., doc. dr. sc. Zlata Ožvačić Adžić, doc. dr. sc. Venija Cerovečki Nekić, doc. dr. sc. Stanislava Stojanović - Špehar, doc. dr. sc. Đurđica Kašuba Lazić, izv. prof. dr. sc. Marija Vrca Botica, Dragan Soldo, dr. med., prof. dr. sc. Biserka Bergman-Marković, izv. prof. dr. sc. Hrvoje Tiljak, Jelena Pukšić Haubrih, dr. med., Hrvoje Uremović, dr. med., Erika Kesić, dr. med., dr. sc. Valerija Bralić Lang, Daniela Hamulka, dr. med.
Wednesday 8.3.2017.	08:30-10:45; ŠNZ E	A	Seminar	Urinary tract infections and selected nephrological disorders	doc. dr. sc. Zlata Ožvačić Adžić
	11:00-11:45; ŠNZ E	A+B	Lectures	Preventive work in family medicine	Danica Rotar Pavlič
	12:00-14:15; ŠNZ E	B	Seminar	Urinary tract infections and selected nephrological disorders	doc. dr. sc. Zlata Ožvačić Adžić
Thursday 9.3.2017.	08:30-10:00; ŠNZ E	A	Seminar	Care of the infant and child, selected problems of women's health, care of the elderly	doc. dr. sc. Venija Cerovečki Nekić
	08:30-10:45; ŠNZ O	B	Seminar	Acute respiratory tract infections	doc. dr. sc. Goranka Petriček
	10:00-10:45; ŠNZ E	A	Seminar	Management of chronic diseases	Ksenija Tušek Bunc
	11:15-12:45; ŠNZ E	B	Seminar	Care of the infant and child, selected problems of women's health, care of the elderly	doc. dr. sc. Venija Cerovečki Nekić
	11:15-13:30; ŠNZ O	A	Seminar	Acute respiratory tract infections	doc. dr. sc. Goranka Petriček
	12:45-13:30; ŠNZ E	B	Seminar	Management of chronic diseases	Ksenija Tušek Bunc
Friday 10.3.2017.	08:30-10:00; ŠNZ O	A+B	Lectures	Characteristics of morbidity in FM. Multimorbidity	doc. dr. sc. Đurđica Kašuba Lazić

Date	Time	Group	Course hours type	Theme	Teaching staff
Monday 27.3.2017.	08:00-09:00; ŠNZ A prizemlje	SVI	Exam	Provjera znanja	doc. dr. sc. Zlata Ožvačić Adžić, doc. dr. sc. Goranka Petriček
	09:00-10:00; ŠNZ A prizemlje	SVI	Exam	Provjera znanja	doc. dr. sc. Zlata Ožvačić Adžić, doc. dr. sc. Goranka Petriček
Monday 10.4.2017.	08:00-09:00; ŠNZ B prizemlje	SVI	Exam	Provjera znanja	doc. dr. sc. Zlata Ožvačić Adžić, doc. dr. sc. Goranka Petriček
	09:00-10:00; ŠNZ B prizemlje	SVI	Exam	Provjera znanja	doc. dr. sc. Zlata Ožvačić Adžić, doc. dr. sc. Goranka Petriček

IV. EXAMINATIONS

A. General information

During the course, formative assessment from the tutor will be performed, as well as summative assessment at the end of the course. Final exam includes MCQ test, summative assessment from the tutor and oral exam

B. Types of examination and examination dates

Final exam

- MCQ test
- summative assessment from the tutor
- oral exam

Final Exam dates:

27.03.2017.

10.04.2017.

V./I. LIST OF LECTURERS AND TEACHING STAFF

1. doc. dr. sc. Zlata Ožvačić Adžić
2. doc. dr. sc. Venija Cerovečki Nekić
3. doc. dr. sc. Goranka Petriček
4. doc. dr. sc. Đurđica Kašuba Lazić
5. Dragan Soldo, dr. med.
6. prof. dr. sc. Milica Katić

V./II EXTERNAL ASSOCIATES:

1. Nataša Buljan, dr. med.
2. Daniela Hamulka, dr. med.
3. Jelena Pukšić Haubrih, dr. med.

4. Erika Kesić, dr. med.
5. Marko Vukadinović, dr. med.
6. Ivančica Topličan Adžić, dr. med.
7. Hrvoje Uremović, dr. med.
8. dr. sc. Valerija Bralić Lang
9. Ivančica Peček, dr. med.
10. Omella Santini Manzin, dr. med.
11. Ružica Lauc, dr. med.
12. Marija Petrovčić, dr. med.
13. Vesna Tabak, dr. med.
14. Davorina Petek
15. Danica Rotar Pavlič
16. Ksenija Tušek Bunc

V./III UNTENURED LECTURERS:

1. doc. dr. sc. Stanislava Stojanović - Špehar
2. izv. prof. dr. sc. Marija Vrca Botica
3. prof. dr. sc. Biserka Bergman-Marković
4. izv. prof. dr. sc. Hrvoje Tiljak
5. dr. sc. Ksenija Kranjčević
6. Nevenka Vinter-Repalust, pred.
7. Ljiljanka Jurković, pred.
8. dr. sc. Miroslav Hanževački
9. Lada Ribarić-Klarić, dr. med.

VI. LITERATURE

A. Obligatory

1. Katić M, Švab I, et al. Family Medicine. 1st ed. - *in press*
2. Taylor RB (Ed.). Family Medicine: Principles and Practice. 6th ed. New York: SpringerB Verlag, 2002.

B. Additional

1. Rakel RE (Ed.) Textbook of Family Medicine. 8th ed. Philadelphia: Saunders, Elsevier Inc. 2011.
2. Jones R. Britten N et all. Oxford Textbook of Primary Medical Care. New York: Oxford University Press, 2003.
3. Additional readings (suggested by lecturer)