

	UČNI NAČRT PREDMETA/COURSE SYLLABUS
Predmet	Genomsko informiranje in svetovanje
Course title	Genomic Education and Counselling

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
Zdravstvena nega / 2. stopnja	Ni smeri študija	2. letnik	3.
Nursing Care / 2 nd Cycle	No study field	2 nd year	3 rd

Vrsta predmeta/Course type modularni/module

Univerzitetna koda predmeta/University course code 2ZN 2 M5 UN2

Predavanja	Seminar	Sem. vaje	Lab. vaje	Teren. vaje	Samost. delo	ECTS
Lectures	Seminar	Tutorial	Laboratory work	Field work	Individ. work	
20		30			130	6

Nosilec predmeta/Lecturer: prof. dr. Borut Peterlin

Jeziki/ Languages:	Predavanja/Lectures:	slovenski/Slovenian
	Vaje/Tutorial:	slovenski/Slovenian

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:	Prerequisites:
<ul style="list-style-type: none"> Vpis v drugi letnik študijskega programa. <p>Študent mora pred izpitom pripraviti in predstaviti ter zagovarjati projektno/raziskovalno nalogo.</p>	<ul style="list-style-type: none"> A prerequisite for inclusion is enrolment in the second year of study. Student has to prepare, present and defend a project/research paper before the exam.

Vsebina:	Content (Syllabus outline):
<ul style="list-style-type: none"> <i>Osnovni elementi genetskega svetovanja.</i> Genetsko svetovanje, zgodovina, osebna in družinska anamneza, načini dedovanja, genetsko tveganje. <i>Prepoznavna genetskih in negenetskih dejavnikov tveganja.</i> Ocena dejavnikov tveganja, vrste genetske predispozicije. <i>Vloga genetskega svetovanja v klinični praksi.</i> Pomen genetskega svetovanja, vrste genetskega testiranja, multidisciplinarnost. 	<ul style="list-style-type: none"> <i>Basic elements of genetic counselling.</i> Genetic counselling, history, personal and family history, patterns of inheritance, genetic risk. <i>Identifying genetic and non-genetic risk factors.</i> Assessment of risk factors, types of genetic predisposition. <i>The role of genetic counselling in clinical practice.</i> The importance of genetic counselling, types of genetic testing, multidisciplinary. <i>Ethical principles in genetic counselling and ethical dilemmas.</i>

<ul style="list-style-type: none"> • <i>Etična načela v genetskem svetovanju in etične dileme.</i> Avtonomnost, testiranje otrok, pre-simptomatsko testiranje <p>Seminarske vaje:</p> <ul style="list-style-type: none"> • Predstavitve primerov genetskega in genomskega informiranja in svetovanja. 	<p>Autonomy, child testing, pre-symptomatic testing</p> <p>Seminar tutorials:</p> <ul style="list-style-type: none"> • Presentations of genetic and genomic informing and counselling cases.
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Temeljna literatura in viri/Readings:

Temeljna literatura/Basic literature

- Peterlin, B. in Writzl, K. (2003). *Humana genetika*. Ljubljana: Cankarjeva založba..
- Peterlin, B. (2014). *Genetika v ginekologiji*. Ljubljana: Univerzitetni klinični center, Klinični inštitut za medicinsko genetiko, Ginekološka klinika.

Cilji in kompetence:

Učna enota prispeva predvsem k razvoju naslednjih splošnih in specifičnih kompetenc:

- usposobljenost za prepoznavanje potreb po zdravstveni negi, določitev negovalnih diagnoz, načrtovanje in izvajanje kakovostne in varne zdravstvene nege ter vrednotenje doseženih ciljev,
- avtonomnost pri sprejemanju odločitev v procesu zdravstvene nege,
- usposobljenost za komuniciranje v domačem in mednarodnem okolju,
- zavezanost profesionalni etiki, sposobnost etičnega odločanja in ravnanja v primeru etičnih dilem v zdravstveni negi,
- elaboriranje in predstavitve individualno ali timsko pridobljenih dognanj,
- vsestransko in sistematično obravnavo pacienta glede na relevantne fizične, psihične, socialne, kulturne, duhovne in družbene dejavnike,
- aktivno promoviranje zdravja, ocenjevanje tveganja za nastanek bolezni in skrb za varnost ter zdravje ljudi,
- varovanje pacientovega dostojanstva, zasebnosti in zaupnosti podatkov,
- primerno komuniciranje v negovalnem, zdravstvenem, multidisciplinarnem timu, razvoj in vzdrževanje profesionalnih

Objectives and competences:

The learning unit mainly contributes to the development of the following general and specific competences:

- qualification for recognising the nursing care needs, setting nursing diagnoses, planning and implementation of quality and safe nursing care, and evaluating the objectives achieved,
- autonomy in decision-making in the process of nursing care,
- the ability to communicate in the local and international environment,
- commitment to professional ethics, the ability to ethically decide and act in the event of ethical dilemmas in nursing care,
- elaboration and presentation of individual and teamwork findings,
- comprehensive and systematic treatment of the patient with regard to relevant physical, psychological, social, cultural, spiritual and social factors,
- active promotion of health, risk assessment and care for the safety and health of people,
- protection of patients' dignity, privacy and data confidentiality,
- appropriate communication in a nursing, health or multidisciplinary team, the development and maintenance of good mutual relations among employees, patients, their families, groups and the community,

<p>medsebojnih odnosov med zaposlenimi, pacienti, njihovimi družinami, skupinami in skupnostjo,</p> <ul style="list-style-type: none"> • planiranje, organiziranje in analiza storitev zdravstvene nege. 	<ul style="list-style-type: none"> • planning, organising and analysing nursing care services.
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Predvideni študijski rezultati:

Intended learning outcomes:

<p>Študent/študentka:</p> <ul style="list-style-type: none"> • pozna osnove genetskega svetovanja in njegovo aplikacijo v klinični praksi, • razume osnovne elemente genetskega svetovanja, vpliv genetskih bolezni na posameznika in družino, vlogo genetskega svetovanja v zdravstveni oskrbi oziroma klinični praksi, • razume etične vidike genetskega informiranja in svetovanja, • se usposobi za prepoznavanje dednih bolezni v družini, izdelavo osebne in družinske anamneze (družinskega drevesa), prepoznavo načinov dedovanja in genetskega tveganja, • pozna organizacijo genetskih servisov, poznavanje klinične, edukacijske in psihosocialne podpore posamezniku/družini z genetsko boleznijo. 	<p>Students:</p> <ul style="list-style-type: none"> • know the basics of genetic counselling and its application in clinical practice, • understand the basic elements of genetic counselling, the impact of genetic diseases on an individual and family, the role of genetic counselling in health care or clinical practice, • understand the ethical aspects of genetic counselling, • develops skills for the recognition of hereditary diseases in the family, the production of personal and family history (family tree), for identification of the methods of inheritance and genetic risk, • know the organization of genetic services, knowledge of clinical, educational and psychosocial support to an individual / family with a genetic disease.
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Metode poučevanja in učenja:

Learning and teaching methods:

<ul style="list-style-type: none"> • <i>predavanja</i> z aktivno udeležbo študentov (razlaga, diskusija, vprašanja, primeri, reševanje problemov), • <i>seminarske vaje</i>: priprava, predstavitev in uspešen zagovor projektne/raziskovalne naloge, • <i>konzultacije</i>. 	<ul style="list-style-type: none"> • <i>lectures</i> with active student participation (explanation, discussion, questions, examples, problem solving); • <i>tutorial</i>: preparation, presentation and a successful defence of a project/research paper, • <i>consultations</i>.
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Načini ocenjevanja:

Delež (v %)

Weight (in %)

Assessment:

<p>Načini:</p> <ul style="list-style-type: none"> • 100 % udeležba na predavanjih in vajah: priprava, predstavitev in zagovor projektne/raziskovalne naloge – 100 % ocene; 	<p>100 %</p> <p>ali / or</p>	<p>Types:</p> <ul style="list-style-type: none"> • 100% attendance at lectures and tutorials: preparation, presentation and defence of project/research paper – 100 % of the grade;
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<ul style="list-style-type: none"> • če študent ni 100 % udeležen na predavanjih in vajah: <ul style="list-style-type: none"> - izpit – 60 % ocene, - priprava, predstavitev in zagovor projektne/raziskovalne naloge – 40 % ocene. <p>Ocenjevalna lestvica: ECTS.</p>	60 % 40 %	<ul style="list-style-type: none"> • if the students' attendance at lectures and tutorials is not 100%: <ul style="list-style-type: none"> - exam - 60% of the grade, - preparation, presentation and defense of the project/research paper – 40% of the grade. <p>Grading scheme: ECTS.</p>
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