

This form is used in preparation of the NVU program. Entries on this form should be transferred to the University Board for approval. Fields marked blue indicate NVU requested information and should not be filled out (unless otherwise provided), whereas yellow fields are optional.

1. General Information

Title:	Doctorate in Medicine						
Qualification (according to major):	Doctoris medicinae						
Number of Credits:	180	QF Level (VI, VII or VIII)		VIII			
Available Concentrations:	Medicine						
Responsible School(s):	Medicine						
Program Leader(s):	Prof. M. Khinikadze, Prof. I.Verulashvili						
Language of Instruction:	English/Georgian						
Enrolment Requirement provided by the Law on HE	Medical Doctor (MD), Doctor of Dental Medicine degree or equivalent/ MoES special Regulation			Other		Motivation; Proof of Proficiency in English language at least Level B2.	
Minor qualification:	N	Available for online enrolment	N	Available for exchange students:	Y	Work experience/ placement:	N
Available for Non-degree students:	N	Prior Registration Requirement	Y	Other	N	Other	N
Estimated student numbers:	12 per intake			Program replaces: (if any)		2020 Spring	
Date of possible implementation:	01.06.2015			Date of proposal:		01.03.2015	

2. Aims and Learning Outcomes

Objectives:	To contribute to the free development of an individual and expansion of human vision through enhancement of the existing knowledge and establishment of innovative and effective methods in medicine. To enhance the research and teaching competences in accordance with NQF VIII level learning outcomes (see below).
Generic Learning Outcomes:	Gaining knowledge of the most recent developments of a field of study allowing for further expansion thereof using innovative and effective methods (at the level required for referable publications); Enhancement of the ability to analyse new, complex and controversial ideas

	<p>and approaches; Making efficient decisions for the solution of problems; Ability to independently plan, carry out and supervise, as well as clearly and soundly demonstrate innovative and actual research; Readiness to further develop new ideas and ability to research the ways of establishing new values or to contribute to innovative and actual methods for the establishment of acknowledged ones.</p>
<p>Subject Specific Learning Outcomes:</p>	<p>Knowledge based on the most recent developments of a field/sub-field of study or an interdisciplinary field in the context of new medical practice, diagnostic or treatment approaches employed at an international level, what allows for further expansion of the existing knowledge in the context of the doctoral thesis and use of innovative methods at the level of standards required for referable publications; understanding of the renewed scope of knowledge through re-analysis and partial re-evaluation of the existing knowledge in terms of the doctoral thesis; Ability to independently plan, carry out and supervise innovative research; ability to develop innovative research and analytical methods and approaches, which are oriented on the creation of new knowledge and are reflected in international reference publications; Ability to critically analyse new, complex and controversial ideas and approaches embodied in medicine, diagnostics and treatment approaches, what promotes the development of new methods; ability to independently make correct and efficient decisions for the solution of problems; Ability to clearly and soundly demonstrate new knowledge in conjunction with the old one especially in the context of the doctoral thesis; also the ability to engage in thematic debates with international scientific community in a foreign language; Readiness to further develop new ideas or processes stemming from knowledge, that is based on recent developments in the course of learning and professional activity, amongst them, in the course of research; Ability to research the ways of establishing values and develop innovative methods for their establishment.</p>

3. Modularized Components referring to Learning Outcomes

Reference Code (Program-Module- Component indication)	Modules & Components:	status (core/elective)	ECTS (semester suggestion for student profile)	Knowledge and Understanding	Making Judgments	Communication Skills	Applying Knowledge	Learning Skills	Values
DM 0101	Basic Tools for PhD Research	C	30 (I)	√	√	√	√	√	√
DM 0102	Teaching Methods I	C	15 (II- V)	√		√	√		√
DM 0103	Teaching Methods II	E	15 (III- V)	√		√	√		√
DM 0104	I Seminar	C	15 (II- V)	√	√	√	√	√	√

DM 0105	II Seminar	E	15 (III-V)	√	√	√	√	√	√
DM 0201	Professor guided research I	C	15 (II/III)	√	√	√	√	√	√
DM 0202	Professor guided research II	C	15 (III/IV)	√	√	√	√	√	√
DM 0203	Professor guided research III	C	15 (IV/V)	√	√	√	√	√	√
DM 0204	I Colloquium	C	15 (II/III)	√	√	√	√	√	√
DM 0205	II Colloquium	C	15 (III/IV)	√	√	√	√	√	√
DM 0301	Preparation of Doctoral Thesis Manuscript and Disputation	C	30 (VI)	√	√	√	√		√

Other or Detailed:

Please indicate which skills will be developed most within the program. Please choose a minimum of 5 (Maximum of 10) from the list below.

Analytical Skills	√	Leadership	
Commercial Awareness		Planning and Organisation	√
Confidence		Professionalism	
Creative Problem Solving	√	Research Skills	√
Critical Thinking	√	Self Awareness	√
Ethical Awareness	√	Social and Cultural Sensitivity	
Flexibility		Team Working	
Independent Working	√	Time Management	√
Initiative		Interpersonal skills	
Capacity to learn		Teaching ability	√

4. Methods of Achieving Learning Outcomes and Assessment:

Rationale between employed methods and achievement of learning outcomes *(this information is not published):*

Introduction to the basic research tools within doctoral programme is provided in the first semester through specific core course (Basic Tools for PhD Research). It enables a student to get acquainted with the organisational tools of the PhD-research, specificities of working with primary sources and incorporation of secondary sources. The main method employed is “learning by doing”, as a student is requested to submit components referred to own doctoral thesis. From the next semester student has a choice between deferent scenarios of own profile composition: to accomplish core teaching components (Teaching Methods I or I Seminar) or to start with professor guided research or with the first colloquium. Different from Seminar, being considered as a teaching component and thus not related with the doctoral thesis, the colloquium is the doctoral thesis related component and widely represents the part of the dissertation. In its turn professor guided research differs from the colloquium with large scale of guidance available, contrary to the primarily independent work based colloquium. Reasonable mixture of professor guided research and independently conducted colloquium supports the development of those skills which are conditioned by independent or interactive work respectively. Teaching Methods II and II Seminar are electives, enabling a student to further shape his/her own profile, especially when a student demonstrates specific interest in teaching rather than in conducting additional research learning component.

In order to complete a program a student is required to have two articles: one in Impact-Factor journal (minimal level of Impact is 0.5); one in a peer-reviewed journal.

One of these publications should be published by the PhD student as a first author. It is allowed that one of the above -mentioned articles is accepted for publication.

Grading System:

Number of points	Mark/grade (short description)	Average performance percentage ratio of successful students (may be used for monitoring assessment adequacy)
91-100	A (excellent)	the best 10 %
81-90	B (very good)	exceeding average 20 %
71-80	C (good)	average 30 %
61-70	D (satisfactory)	close to average 20%
51-60	E (sufficient)	the worst passing 10%
41-50	FX (resit in the same semester)	
0-40	F (Fail)	

5. Resources

Resource needs essential for delivery of this Program:

Name:	Description:
Scientific publication and literature	Scopus Science Direct Elsevier Database PubMed database University library
Biological and clinical materials	New Vision University's Laboratories and Centers New Vision University Hospital Scientific and clinical institutions affiliated with the University