

**MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE  
TERNOPIL VOLODYMYR HNATIUK NATIONAL PEDAGOGICAL  
UNIVERSITY**

**ACADEMIC PROGRAMME**

**“EDUCATION SCIENCES”**

**Third education and scholarly level**

**Speciality 011 Education sciences**

**Subject area 01 Education**

**Qualification: Doctor of Philosophy**

Ternopil – 2018

# 1. Profile of Academic programme “Education sciences” in speciality 011 Education sciences

<b>1 – General information</b>	
<b>Full name of education institution</b>	Ternopil Volodymyr Hnatiuk National Pedagogical University
<b>Higher education level and name of qualification in source language</b>	Доктор філософії / PhD
<b>Official name of academic programme</b>	Education sciences
<b>Diploma type and Programme scope</b>	Doctor of Philosophy Diploma, first scholarly level, 4 academic years, 60 ECTS credits
<b>Accreditation</b>	Academic programme is recognized as accredited on the basis of current certificate on accreditation of speciality 011 Education sciences by Ministry of Education and Science of Ukraine
<b>Cycle/ level</b>	QF for EHEA – 3 <sup>rd</sup> cycle, EQF for LLL – 8 <sup>th</sup> level; NQF – 8 <sup>th</sup> level.
<b>Background</b>	Master’s or Specialist’s degree
<b>Languages of instruction</b>	Ukrainian, English, Russian
<b>Period of validity of academic programme</b>	2022 y.
<b>Internet address of Academic programme</b>	<a href="http://tnpu.edu.ua">http://tnpu.edu.ua</a>

<b>description</b>	
<b>2 – Academic programme goal</b>	
To train high-qualified specialists in education for science and higher education use; to comfort PhD students for achieving the required level of general professional and special competences and preparation for PhD dissertation defence.	
<b>3 – Academic programme characteristics</b>	
<b>Subject area (speciality)</b>	Subject area – 01 Education, speciality – 011 Education sciences
<b>Programme orientation</b>	Educational, research and applicative.
<b>Main feature of the Programme: general/special</b>	<p>Third (education and scholarly) level of higher education according to Higher Education Act of Ukraine, 8<sup>th</sup> qualification level according to National Qualification Framework</p> <p>General:</p> <p>study of the goal, content, methods, forms and means for:</p> <ul style="list-style-type: none"> <li>- levels of learning process management: general secondary education, vocational education, higher education, postgraduate education, distance learning, self-education, education of adults;</li> <li>- types of learning process objects: pupils of general education institutions, students of vocational schools, students of higher education institutions etc.</li> <li>- structure of Education science: history and theory of education;</li> <li>- methods of research management.</li> </ul>

	<p>Special:</p> <ul style="list-style-type: none"> <li>- current issues of general Education science;</li> <li>- history of Education science development;</li> <li>- educational anthropology;</li> <li>- current issues of tertiary education;</li> <li>- current issues of educational (upbringing) theory;</li> <li>- modern educational (upbringing) techniques;</li> <li>- professional education science;</li> <li>- health saving techniques in education;</li> <li>- comparative professional education science;</li> <li>- issues of intercultural communication and foreign languages and cultures training method;</li> <li>- E-learning techniques.</li> </ul>
<b>Programme peculiarities</b>	<p><i>Educational component of the programme.</i> The programme provides 60 ECTS credits including 22 ECTS credits for general training courses (Philosophy of the Science, Organization of Scholarly Activity, Professional Foreign Language); 30 ECTS credits for professional training courses, including 15 ECTS credits for elective courses within specialization. 6 ECTS credits for teaching practice.</p> <p><i>Scholarly component of the programme.</i> Scholarly component provides the conducting of the research. This component is represented as individual plan or research work of PhD student.</p> <p>PhD students of speciality 011 – Education sciences can use some components of their researches for practical classes on professional training courses.</p>
<b>4 – Graduates’ employability and further studyability</b>	

<b>Employability</b>	<p>Research and teaching activity in the field of vocational education, higher education, postgraduate education, distance education, adult education.</p> <p>Positions according to occupational classification of Ukraine:</p> <ul style="list-style-type: none"> <li>– University and higher education institutions lecturer (2310);</li> <li>– teacher of vocational school (2320);</li> <li>– junior research assistant (2351.1);</li> <li>– research assistant (2351.1);</li> <li>– lecturer (2351.2);</li> <li>– inspector of higher education institutions (2352);</li> <li>– headmaster of vocational school (1210.1);</li> <li>– head (rector) of higher education institution (college, university, institute, academy etc.) (1210.1);</li> <li>– director of research institute (1210.1) etc.</li> </ul> <p>Place of employment. Colleges, vocational schools, higher education institutions, postgraduate education institutions, research institutions.</p>
<b>Further education</b>	<p>Education for self-development and education in related areas:</p> <ul style="list-style-type: none"> <li>- training at 9<sup>th</sup> (postdoctoral) level of NQF of Ukraine in Education area;</li> <li>- training at 8<sup>th</sup> (doctoral) level of NQF of Ukraine in scientific areas related to Education;</li> </ul> <p>grants, scholarships, fellowships.</p>
<b>5 – Teaching and evaluation</b>	
<b>Teaching</b>	<p>Approaches to teaching and learning provides: active learning methods implementation; collaboration of PhD</p>

	students with their academic supervisors; consulting PhD students by research and teaching staff of Ternopil Volodymyr Hnatiuk National Pedagogical University; information support in PhD students' participation in scholarships, fellowships, grants etc.
<b>Evaluation</b>	<p><i>Educational component of the programme.</i> Formative and summative assessment. <i>Formative assessment</i> is conducted orally. <i>Summative assessment</i> is conducted in written form with oral interview. <i>Scholarly component of the programme.</i> Based on the qualitative and quantitative indicators, which characterize the academic papers development, participation in conferences, development of some parts of dissertation.</p> <p>Summative assessment is conducted as an:</p> <ul style="list-style-type: none"> <li>- examination in compulsory courses (Philosophy of the Science, Professional Foreign Language, Current issues of higher education science);</li> <li>- credit – in other courses provided by the curriculum.</li> </ul> <p>The result of PhD student's study is the manuscript of dissertation, its public defence and conferment of PhD degree in speciality 011 – Education sciences.</p>
<b>6 – Programme competencies</b>	
<b>General competencies</b>	<p>C 01. Ability to foreign professional speaking? To use of foreign language to represent research results orally and in written form.</p> <p>C 02. Operational scientific thinking maturity.</p> <p>C 03. Modern information and communicative technologies awareness.</p> <p>C 04. Ability to conduct researches systematically.</p> <p>C 05. Mathematical and algorithmic model methods awareness.</p> <p>C 06. Ability to produce new scientific, theoretic and applicative ideas.</p>

<b>Special (professional) competencies</b>	<p>C 07. Ability to conduct researches in the field of education.</p> <p>C 08. Ability to analyze the scientific works in the field of education retrospectively.</p> <p>C 09. Information about current state and tendencies of development of world and Ukrainian science awareness.</p> <p>C 10. Ability to model the process of education and professional training of future specialists.</p> <p>C 11. Ability to identify progressive tendencies in the training of future specialists abroad and to implement them into the process of specialist's training in Ukraine.</p> <p>C 12. Ability to implement scientific projects and programmes in the field of education.</p> <p>C 13. Ability to participate in scientific and scholarly discussions.</p> <p>C 14. Ability to analyze critically information about current state and tendencies of the development of world and Ukrainian science.</p> <p>C 15. Ability to model the process of upbringing of personality and manage it.</p> <p>C 16. Ability to form foreign language competency of future specialists.</p> <p>C 17. Ability to monitor the educational activity, to educational audit and marketing using IT.</p> <p>C 18. Ability for self-reflection and self-analysis of the teaching activity.</p>
<b>7 – Programme learning results</b>	
	<p>LR 01. Foreign language skills, ability to use it for research results presentation orally and in writing</p> <p>LR 02. Knowledge about basic theoretical concepts of IT and information systems.</p> <p>LR 03. Ability and skills of using modern information technologies to process and analyze research results.</p> <p>LR 04. Knowledge of the basic concepts of mathematical statistics and mathematical models of modelling.</p> <p>LR 05. Ability to apply statistical analysis of the experiment results.</p>

	<p>LR 06. Understanding research methods, ability to use them for research conducting.</p> <p>LR 07. Ability to work with different information resources, search, process, analyze and systemize the information. Ability to work with scientometric platforms such as: WebofScience, Scopus etc.</p> <p>LR 08. Creative activity and research conducting organization skills</p> <p>LR 09. Ability to evaluate and provide the quality of researches.</p> <p>LR 10. Ability to analyze scientific heritage retrospectively.</p> <p>LR 11. Ability to participate in scientific and scholarly discussions during seminars, conferences on the international level.</p> <p>LR 12. Knowledge about content, forms, methods and means of professional training of future specialists.</p> <p>LR 13. Knowledge about methods and peculiarities of modern teaching and learning techniques application within learning process at higher education institution.</p> <p>LR 14. Knowledge about modern health saving techniques and ability to implement them into everyday life.</p> <p>LR 15. Ability to analyze educational programmes, their components.</p> <p>LR 16. Ability to model and implement educational techniques into educational process.</p> <p>LR 17. Ability to use innovative techniques, predict the prospects and ways of teaching methods development.</p>
<b>8 – Resourcing of programme implementation</b>	
<b>Staff assistance</b>	<p>The process of teaching courses, which form professional competencies, is provided by academic staff (at least 70%) with the experience of new ideas generation, solving professional and research problems, knowledge about methods of teaching and research activity and have an experience of conducting their own research. Foreign professors and researchers are being invited for lectures, modules, workshops on the basis of current agreements. Academic staff with</p>

	academic degrees and high-qualified specialists are involved in Programme implementation.
<b>Material support</b>	<ul style="list-style-type: none"> <li>–educational buildings;</li> <li>–dormitories;</li> <li>–topical rooms;</li> <li>–specialized laboratories;</li> <li>–computer labs;</li> <li>–food services areas;</li> <li>–Wireless Access Points;</li> <li>–multimedia equipment;</li> <li>–sports hall, sports areas.</li> </ul>
<b>Information and curricular support</b>	Using virtual learning environment of TNPU and author's developments of academic staff.
<b>9 – Academic mobility</b>	
<b>National credit mobility</b>	Based on bilateral agreements between TNPU and higher education institutions of Ukraine.
<b>International credit mobility</b>	Based on bilateral agreements between TNPU and higher education institutions of partner countries. Among them bilateral agreement with Jan Długosz University (Poland), WSL (Poland)
<b>Study of foreign students</b>	Possible after Ukrainian language course or in English/Russian language.

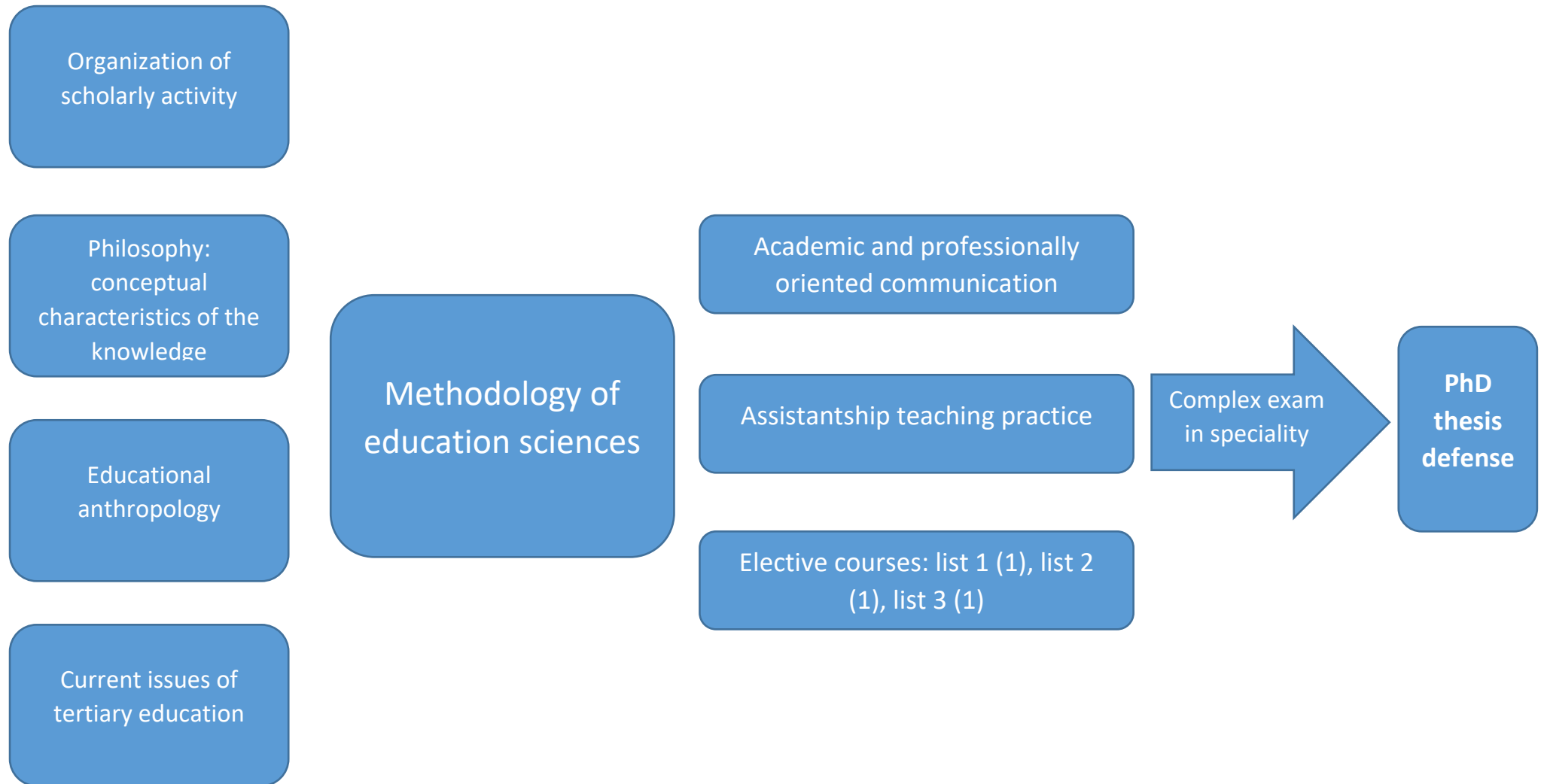
## 2. Components of Academic programme in logical order

### 2.1. List of components

<b>Code of courses and practices</b>	<b>Components of Academic programme (courses, practices)</b>	<b>Credits ECTS</b>	<b>Forms of summative assessment</b>
1	2	3	4
<b>1. Compulsory components</b>			
<b>General training</b>			

1.1.01	Organization of scholarly activity	8	Credit
1.1.02	Philosophy: historico-philosophical and current conceptual characteristics of the knowledge	6	Exam
1.1.03	Academic and professionally oriented communication (in Ukrainian language)	8	Exam
Professional training			
1.2.01	Educational anthropology	6	Credit
1.2.02	Methodology of education science and activity	5	Exam
1.2.03	Current issues of tertiary education	6	Exam
Total amount of compulsory components		39	
2. Elective components			
EC 1. List 1 (PhD student can choose 1 course from the list): 6 courses according to Curriculum for PhD training, subject area – 01 Education – 011 Education sciences. Number of credits – 5, forms of evaluation – exam.			
EC 2. List 2 (PhD student can choose 1 course from the list): 6 courses according to Curriculum for PhD training, subject area – 01 Education – 011 Education sciences. Number of credits – 5, forms of evaluation – exam.			
EC 1. List 1 (PhD student can choose 1 course from the list): 6 courses according to Curriculum for PhD training, subject area – 01 Education – 011 Education sciences. Number of credits – 5, forms of evaluation – exam.			
Total amount of elective components		15	
3. Practical training			
3.01	Assistantship teaching practice	6	Credit
Total for practical training		6	
Total		60	

## 2.1. Structural and logical scheme of Academic programme



### **3. Forms of appraisal of PhD students**

The appraisal is based on PhD students' professional knowledge and skills evaluation through the complex exam in speciality 011 – Education sciences and defense of PhD dissertation.

**Requirements for complex exam in speciality.** Complex exam requires accomplishment of qualification tasks in speciality 011 – Education sciences and is the adequate form of proficiency examination, which can identify the level of professional and scientific training of PhD students honestly and firmly. The programme of complex exam consists of compulsory and variable modules. The compulsory module covers theoretical and methodological aspects of the modern education science and variable module deals with scientific and practical aspects according to the topic of PhD thesis.

Complex exam consists of theoretical and practical tasks:

- theoretical part requires written answer for questions about current issues of educational branch and allows to appraise knowledge;
- practical task requires the scientific inquiry within clearly specified problem and allows to appraise skills, communication, responsibility.

**Requirements for PhD thesis.** PhD thesis in speciality 011 – Education sciences has the main research and professional qualification function that is implemented in PhD student's ability to conduct an independent research, to solve applied scientific problems and summarize the scientifically in terms of own contribution to the development of modern educational sciences and practice of educational knowledge use. The thesis is a result of independent research of PhD student and has a status of intellectual product as manuscript.

**Requirements for PhD thesis defense.** The regulatory form of final academic assessment is the public defense of the research results, represented as PhD thesis. It allows to set up a correspondence between the level of research training of PhD student and integrative, general and professional competencies of speciality 011 – Education sciences.

**Requirements for professional certification.** The final assessment of PhD students who fulfilled the Academic programme for Philosophy Doctors training at Ternopil Volodymyr Hnatiuk National pedagogical University in speciality 011 – Education sciences culminates in awarding an academic degree “Doctor of Philosophy” in speciality 011 – Education sciences and standard diploma delivery ceremony.