

“I hereby endorse”

Acting Rector _____

“29” June 2020

L. S.



**YEREVAN STATE UNIVERSITY
SELF-ASSESSMENT REPORT FOR
INSTITUTIONAL ACCREDITATION**

ANNEXES

«Yerevan State University» Foundation

(Name of the institution)

Republic of Armenia, Yerevan, 0025, 1 Alex Manoogian

(Address of the institution)

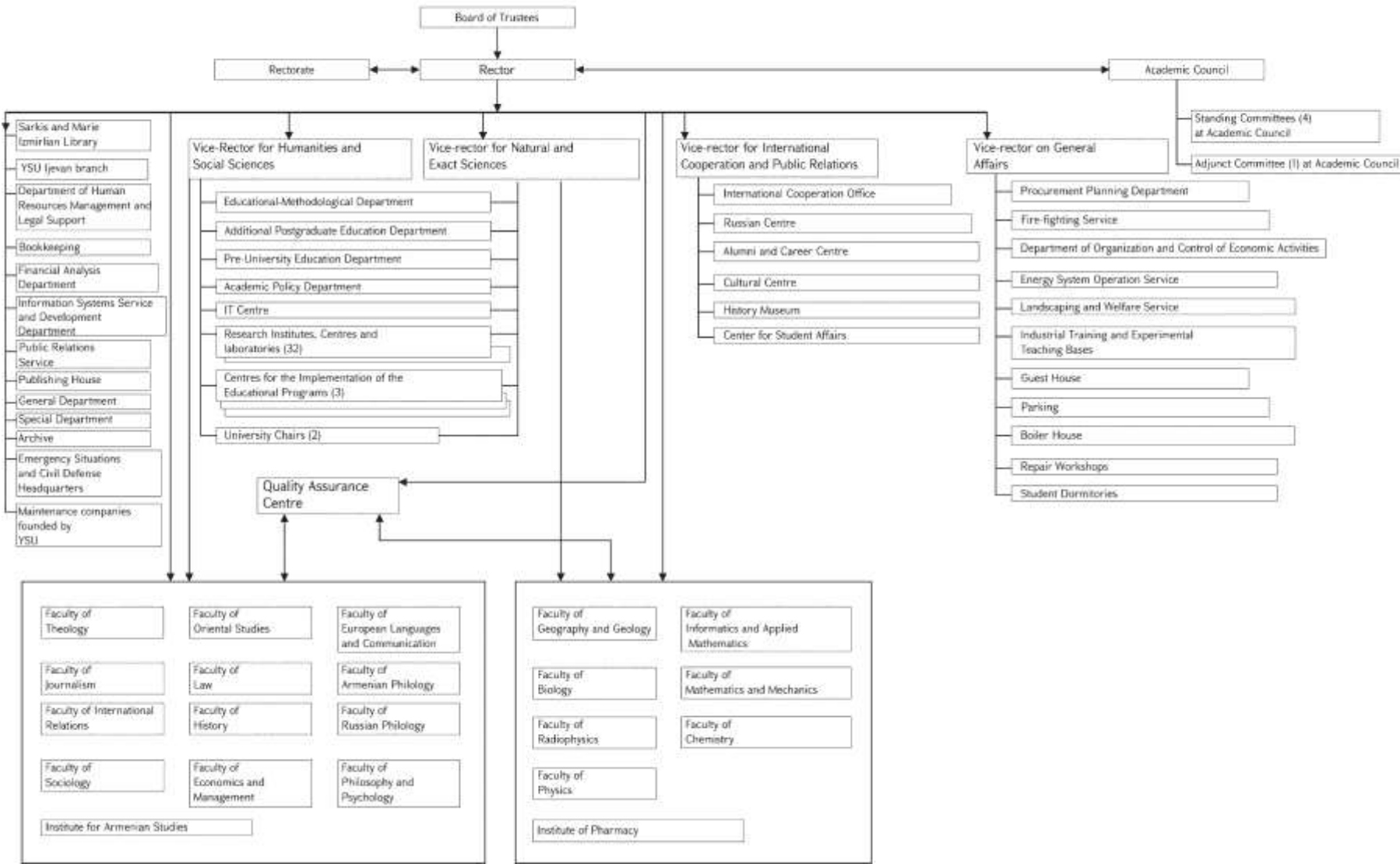
Yerevan, 2020

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YEREVAN STATE UNIVERSITY ORGANIZATIONAL CHART



YSU ACADEMIC PROGRAMMES AND DEGREES OF 2019/20 ACADEMIC YEAR
BACHELOR'S DEGREE PROGRAMMES

No.	Academic programme	Academic degree	Education form	
			61	21
	Total:	62	61	21
1.	Mathematics	Bachelor's degree	Full-time	-
2.	Actuarial and Financial Mathematics	Bachelor's degree	Full-time	-
3.	Mechanics	Bachelor's degree	Full-time	-
4.	Applied Statistics and Data Science	Bachelor's degree	Full-time	-
5.	Informatics (Computer Science)	Bachelor's degree	Full-time	Part-time
6.	Information Security	Bachelor's degree	Full-time	-
7.	Physics	Bachelor's degree	Full-time	-
8.	Physics of nuclear reactors	Bachelor's degree	Full-time	-
9.	Radiophysics	Bachelor's degree	Full-time	-
10.	Semiconductor Physics and Microelectronics	Bachelor's degree	Full-time	-
11.	Telecommunications and Signal Processing	Bachelor's degree	Full-time	-
12.	Chemistry	Bachelor's degree	Full-time	-
13.	Applied Chemistry	Bachelor's degree	Full-time	-
14.	Food Safety	Bachelor's degree	Full-time	-
15.	Pharmacy	Bachelor's degree	Full-time	-
16.	Pharmaceutical Chemistry	Bachelor's degree	-	Part-time
17.	Biology	Bachelor's degree	Full-time	Part-time
18.	Biophysics and Bioinformatics	Bachelor's degree	Full-time	-
19.	Biochemistry	Bachelor's degree	Full-time	-
20.	Geography	Bachelor's degree	Full-time	Part-time
21.	Geology	Bachelor's degree	Full-time	Part-time
22.	Service	Bachelor's degree	Full-time	Part-time
23.	Cartography and Cadastral Work	Bachelor's degree	Full-time	Part-time
24.	History	Bachelor's degree	Full-time	Part-time
25.	Art History	Bachelor's degree	Full-time	-
26.	Cultural Studies	Bachelor's degree	Full-time	-
27.	Caucasian Studies	Bachelor's degree	Full-time	-
28.	Archaeology & Ethnography	Bachelor's degree	Full-time	-
29.	Philosophy	Bachelor's degree	Full-time	-
30.	Psychology	Bachelor's degree	Full-time	Part-time
31.	Sociology	Bachelor's degree	Full-time	-
32.	Social Work	Bachelor's degree	Full-time	Part-time
33.	International Relations	Bachelor's degree	Full-time	Part-time
34.	Political Science	Bachelor's degree	Full-time	-
35.	Public Administration	Bachelor's degree	Full-time	Part-time
36.	Armenian Language and Literature	Bachelor's degree	Full-time	Part-time
37.	Social Pedagogy	Bachelor's degree	Full-time	-
38.	Journalism	Bachelor's degree	Full-time	Part-time
39.	Russian Language and Literature	Bachelor's degree	Full-time	Part-time
40.	Cross-Cultural Communication (Russian Language)	Bachelor's degree	Full-time	-
41.	Cross-Cultural Communication and	Bachelor's degree	Full-time	-

	Translation (Russian Language)			
42.	English language and literature	Bachelor's degree	Full-time	Part-time
43.	French language and literature	Bachelor's degree	Full-time	-
44.	German language and literature	Bachelor's degree	Full-time	-
45.	Spanish language and literature	Bachelor's degree	Full-time	-
46.	Italian language and literature	Bachelor's degree	Full-time	-
47.	English language, French language and communication	Bachelor's degree	Full-time	-
48.	English language, German language and communication	Bachelor's degree	Full-time	-
49.	English language, Spanish language and communication	Bachelor's degree	Full-time	-
50.	English language, Italian language and communication	Bachelor's degree	Full-time	-
51.	Translation Studies (English and Armenian)	Bachelor's degree	Full-time	-
52.	English for Cross-Cultural communication	Bachelor's degree	Full-time	-
53.	Arabic Studies	Bachelor's degree	Full-time	-
54.	Iranian Studies	Bachelor's degree	Full-time	-
55.	Turkic Studies	Bachelor's degree	Full-time	-
56.	Jurisprudence	Bachelor's degree	Full-time	Part-time
57.	Economics	Bachelor's degree	Full-time	Part-time
58.	Management	Bachelor's degree	Full-time	Part-time
59.	Finance	Bachelor's degree	Full-time	Part-time
60.	Theology	Bachelor's degree	Full-time	Part-time
61.	Religious studies	Bachelor's degree	Full-time	-
62.	Ecclesiology	Bachelor's degree	Full-time	-

MASTER'S DEGREE PROGRAMMES

No.	Academic programme	Academic degree	Education form	
	Total:	120	116	21
1.	Differential Equations	Master's degree	Full-time	-
2.	Probability Theory and Mathematical Statistics	Master's degree	Full-time	-
3.	Theory of Functions	Master's degree	Full-time	-
4.	Applied Statistics and Data Science	Master's degree	Full-time	-
5.	Algebra and Geometry	Master's degree	Full-time	-
6.	Mechanics and Applied Mathematics	Master's degree	Full-time	-
7.	Risk Management	Master's degree	Full-time	-
8.	Financial Mathematics	Master's degree	Full-time	-
9.	Informatics (Computer Science): Discret Mathematics and Theoretical Computer Science	Master's degree	Full-time	-
10.	Informatics (Computer Science): Numerical Analysis and Mathematical modeling	Master's degree	Full-time	-
11.	"Information Technology": Software of Computers, Complexes, Systems, and Networks	Master's degree	Full-time	-
12.	Theoretical physics	Master's degree	Full-time	-

13.	Condensed matter physics	Master's degree	Full-time	-
14.	Condensed matter nanophysics and nanomaterials	Master's degree	Full-time	-
15.	Physics of macromolecules	Master's degree	Full-time	-
16.	Nuclear reactor physics	Master's degree	Full-time	-
17.	Astrophysics	Master's degree	Full-time	-
18.	Optics	Master's degree	Full-time	-
19.	Radiophysics	Master's degree	Full-time	-
20.	Semiconductor Physics and Microelectronics	Master's degree	Full-time	-
21.	Extra large IC Design	Master's degree	Full-time	-
22.	Telecommunication	Master's degree	Full-time	-
23.	Chemistry	Master's degree	Full-time	-
24.	Physical Chemistry	Master's degree	Full-time	-
25.	Food Safety	Master's degree	Full-time	-
26.	Pharmacy	Master's degree	Full-time	-
27.	General and Molecular Genetics	Master's degree	Full-time	-
28.	Microbiology and Biotechnology	Master's degree	Full-time	-
29.	Ecology and bioresources management	Master's degree	Full-time	-
30.	Medical mycology and applied botany	Master's degree	Full-time	-
31.	Applied Microbiology	Master's degree	Full-time	-
32.	Fundamental and applied physiology	Master's degree	Full-time	-
33.	Biophysics	Master's degree	Full-time	-
34.	General and Medical Biochemistry	Master's degree	Full-time	-
35.	Bioinformatics	Master's degree	Full-time	-
36.	Cartography and Cadastral Work	Master's degree	Full-time	-
37.	Geophysics, Hydrogeology and Engineering Geology	Master's degree	Full-time	-
38.	Geology and Exploration of Mineral Deposits	Master's degree	Full-time	-
39.	Hydrometeorology	Master's degree	Full-time	-
40.	Physical Geography	Master's degree	Full-time	-
41.	Public Geography	Master's degree	Full-time	-
42.	Geography	Master's degree	Full-time	-
43.	Sustainable Tourism	Master's degree	Full-time	-
44.	Service	Master's degree	Full-time	Part-time
45.	Art History	Master's degree	Full-time	-
46.	History of Armenia	Master's degree	Full-time	Part-time
47.	World History	Master's degree	Full-time	-
48.	History of Armenia's Neighboring Countries	Master's degree	Full-time	-
49.	Archaeology and Ethnology	Master's degree	Full-time	-
50.	Caucasian Studies	Master's degree	Full-time	-
51.	Armenian Studies	Master's degree	Full-time	-
52.	Diaspora Studies	Master's degree	Full-time	-
53.	Cultural Studies	Master's degree	Full-time	-
54.	Political technologies and marketing (<i>this programme does not function</i>)	Master's degree	Full-time	-
55.	National Security	Master's degree	Full-time	Part-time
56.	Regional policy	Master's degree	Full-time	-
57.	International Relations	Master's degree	Full-time	Part-time
58.	World politics	Master's degree	Full-time	-

59.	Public Administration	Master's degree	Full-time	-
60.	Public Policy	Master's degree	Full-time	-
61.	International Economic Relations	Master's degree	Full-time	Part-time
62.	Modeling in Financial and Economic Systems	Master's degree	Full-time	-
63.	Data Science for Business	Master's degree	Full-time	-
64.	Economic Policy and Law	Master's degree	Full-time	Part-time
65.	Finance	Master's degree	Full-time	Part-time
66.	Accounting and Audit	Master's degree	Full-time	Part-time
67.	State Governance and Local Self-governance	Master's degree	Full-time	Part-time
68.	Business Administration (Management)	Master's degree	Full-time	Part-time
69.	Innovation Management	Master's degree	Full-time	Part-time
70.	Philosophy	Master's degree	Full-time	-
71.	Psychology of Management	Master's degree	Full-time	-
72.	Clinical Psychology and Psychotherapy	Master's degree	Full-time	-
73.	Personality Psychology and Psychological Counseling	Master's degree	Full-time	-
74.	Applied Psychology	Master's degree	-	Part-time
75.	Social Security and Migration Policy	Master's degree	Full-time	-
76.	Methodology of Sociological Research	Master's degree	Full-time	-
77.	Public Relations	Master's degree	Full-time	-
78.	Human Resource Management	Master's degree	Full-time	Part-time
79.	Social Policy and Administration	Master's degree	Full-time	-
80.	Journalism	Master's degree	Full-time	-
81.	Public Relation and Communication Technologies	Master's degree	Full-time	Part-time
82.	Communication, Media and Society	Master's degree	Full-time	-
83.	Modern Armenian Language and Translation Studies	Master's degree	Full-time	-
84.	Armenian Language and Literature	Master's degree	-	Part-time
85.	The History of Armenian Language and Linguistics	Master's degree	Full-time	-
86.	World Literature and Theory of Literature	Master's degree	Full-time	-
87.	Contemporary Armenian Literature and Literary Criticism	Master's degree	Full-time	-
88.	The History of Armenian Literature	Master's degree	Full-time	-
89.	Armenian Language	Master's degree	Full-time	-
90.	Armenian Literature	Master's degree	Full-time	-
91.	Russian Language and Literature	Master's degree	Full-time	-
92.	English language and literature	Master's degree	Full-time	Part-time
93.	Foreign Literature	Master's degree	Full-time	-
94.	Translation Studies (English and Armenian)	Master's degree	Full-time	-
95.	English for Cross-Cultural communication	Master's degree	Full-time	-
96.	German for Cross-Cultural communication	Master's degree	Full-time	-
97.	French for Cross-Cultural	Master's degree	Full-time	-

	communication			
98.	Spanish for Cross-Cultural communication	Master's degree	Full-time	-
99.	Italian for Cross-Cultural communication	Master's degree	Full-time	-
100.	Applied Linguistics	Master's degree	Full-time	-
101.	Linguoculture of International business communication	Master's degree	Full-time	-
102.	Administrative translation	Master's degree	Full-time	-
103.	Applied Arabic Studies	Master's degree	Full-time	-
104.	Turkic History and Philology	Master's degree	Full-time	-
105.	Iranian History and Philology	Master's degree	Full-time	-
106.	Theory of Law and Constitutional Law	Master's degree	Full-time	-
107.	Civil Law and Procedure	Master's degree	Full-time	Part-time
108.	Criminal Law and Procedure	Master's degree	Full-time	Part-time
109.	Business Law	Master's degree	Full-time	-
110.	Criminology	Master's degree	Full-time	-
111.	International and European Law	Master's degree	Full-time	-
112.	Theology	Master's degree	Full-time	-
113.	European Studies	Master's degree	Full-time	-
114.	Human Rights and Democratisation	Master's degree	Full-time	-
115.	Information Systems Development	Master's degree	Full-time	-
116.	Information Systems Management	Master's degree	Full-time	-
117.	Education management	Master's degree	Full-time	Part-time
118.	Genocide Studies	Master's degree	Full-time	-
119.	School Pedagogy and methodics	Master's degree	-	Part-time
120.	Banking	Master's degree	-	Part-time

THE YSU ACADEMIC PROGRAMME SPECIFICATION TEMPLATE

YEREVAN STATE UNIVERSITY

_____ faculty

*mark the faculty**mark the programme title*

PROGRAMME SPECIFICATION

1. Programme title and code	
2. Institution	Yerevan State University (YSU)
3. Accreditation details	–
4. Qualification awarded	
5. Programme start academic year	
6. Language of study	Armenian
7. Mode of study	

8. Admission criteria/requirements

9. Programme objectives
The programme aims to...
<ul style="list-style-type: none"> • • •

10. Programme learning outcomes
--

A. Professional knowledge and understanding

Upon completion of the programme, the student will be able to:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

B. Practical professional skills

Upon completion of the programme, the student will be able to:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

C. General (transferable) skills

Upon completion of the programme, the student will be able to:

- 1.
- 2.
- 3.
- 4.
- 5.

11. Programme curriculum

Attached

12. Curriculum map

Attached

13. Assessment modes

14. Alumni future career opportunities

15. Resources and forms to support learning

16. Educational standards or programme benchmarks used for programme development

17. Additional information about the programme

PROGRAMME CURRICULUM MAP

mark the programme title

Programme Learning Outcomes

A. Professional Knowledge and Understanding		B. Practical professional skills	
A1		B1	
A2		B2	
A3		B3	
A4		B4	
A5		B5	
A6		B6	
A7		B7	
		B8	
C. General (transferable) skills			
C1		C4	
C2		C5	
C3			

Educational module title	Module number	Programme Learning Outcomes																							
		A1	A2	A3	A4	A5	A6	A7		B1	B2	B3	B4	B5	B6	B7	B8		C1	C2	C3	C4			

mark the programme title

(Completed in a separate Excel file and attached to the programme specification here)

YEREVAN STATE UNIVERSITY

_____ faculty

mark the faculty

mark the programme title

PROGRAMME COURSE DESCRIPTORS

1. [number] ¹	2. [course]	3. [credit] ECTS credit
4. [number of hours per week] hour/week.	5. [allocation of time according to the forms of training]	
6. [semester]	7. [assessment mode]	
8. [course objective(s)] Course objectives are: <ul style="list-style-type: none">•••		
9. [Course Learning Outcomes] Upon completion of the course, the student will be able to: <i>a. Professional knowledge and understanding</i> <ul style="list-style-type: none">••• <i>b. Practical professional skills</i> <ul style="list-style-type: none">••• <i>c. General (transferable) skills (if there are such)</i> <ul style="list-style-type: none">•		

¹ After completing, delete the rectangular brackets and the text written therein.

•
10. The course forms the following learning outcome(s) for the <u>academic programme</u> . 1. 2.
11. The following methods and techniques are used for teaching and learning. 1. 2. 3.
12. Assessment methods and criteria: 1. 1 st midterm exam. [submit assessment methods and criteria] 2. 2 nd midterm exam. [submit assessment methods and criteria] 3. Final exam. [submit assessment methods and criteria] 4. Test. [submit assessment methods and criteria]
13. The course consists of the following main divisions:
14. References: 1. 2. 3. 4. 5.

BACHELOR'S AND MASTER'S DEGREE PROGRAMME SPECIFICATIONS INCLUDED IN THE
APPLICATION FOR ACCREDITATION

"031301.01.6 – Psychology" Bachelor's degree programme

"031301.07.7 – Personality psychology and psychological counseling" Master's degree programme

"091601.01.6 – Pharmacy" Bachelor's degree programme

"091601.01.7 – Pharmacy" Master's degree programme

YEREVAN STATE UNIVERSITY

Faculty of Philosophy and Psychology

“Psychology”

PROGRAMME SPECIFICATION

1. Programme title and code	“Psychology”, 031301.01.6
2. Institution	Yerevan State University (YSU)
3. Accreditation details	–
4. Qualification awarded	Bachelor’s Degree in Psychology
5. Programme start academic year	1992 (with Bachelor’s Degree Qualification since 1995)
6. Language of study	Armenian
7. Mode of study	Full-time

8. Admission criteria/requirements

Admission for the full-time learning programme is conducted in accordance with the relevant procedure approved by the RA government¹.

Admission examinations: Armenian language (written), Foreign language (written), Biology (written)².

9. Programme objectives

The programme aims to:

- Provide comprehensive knowledge on fundamental and applied fields of psychology, provide a strong theoretical background to understand, interpret and analyze the structure, evolution and clinical manifestations of the human psyche.
- Form professional skills via teaching the principles and methods of psycho-recognition, psychological research and psychological counseling.
- Improve students’ general mental abilities of analyzing, collating, combining and critical thinking, as well as the ability to obtain, interpret and present

¹ “Procedure for Admission to RA State and Private Higher Education Institutions (for Bachelor’s degree programmes), RA government resolution (April 26 of 2012, №597-N).

² The admission examination in Biology is mandatory for the applicants entering free places; as for the applicants entering fee-paying places, their final grade for the subject “Biology” is transferred from school.

information from various sources.

- Develop students' working performance in accordance with the field and level of their studies, as well as assist them to apply the professional skills in various spheres of modern social life.

10. Programme learning outcomes

A. Professional Knowledge and Understanding

Upon completion of the programme the student will be able to:

A1. Describe the main methodological principles, contemporary and fundamental theories in psychology; present their relevant concepts, approaches and notions; define their applied significance in various spheres of social life.

A2. Understand psychological issues, such as the regularities, mechanisms and peculiarities of an individual's mental development, normal and clinical manifestations of mental health.

A3. Define the main methods of carrying out psychological research, data collection, as well as analysis and interpretation of findings; distinguish the ways, possibilities and limitations of their application .

A4. Identify the psychological facts and regularities related to the fundamental and applied fields of psychology; understand their role and significance in individual and social life.

A5. Enumerate the main ethical principles of the psychologist's professional activity; highlight their significance and the importance to comply with them.

A6. Identify the symptoms of mental disorders and their classification systems.

B. Practical Professional Skills

Upon completion of the programme the student will be able to:

B1. Apply the main methods of psychological research as required, analyze and interpret the obtained results to cope with professional (working or learning) issues .

B2. Put into practice the methods of psycho-recognition; draw well-grounded conclusions based on professional analysis.

B3. Distinguish and interpret psychological phenomena, psychological problems existing in various spheres of human life and activity; implement actions aimed at solving those problems.

B4. Combine various approaches of psychological work displaying creativity; find professional solutions providing socially useful activity.

B5. Organize his/her working and/or learning activities in accordance with the acquired theoretical knowledge and practical skills.

C. General (Transferable) Skills

Upon completion of the programme the student will be able to:

- C1. Cooperate with specialists of the given and other adjacent fields; work in a professional environment; maintain the standards of professional ethics.
- C2. Implement ICT tools to facilitate and carry out efficiently the process of knowledge transfer and professional activities.
- C3. Analyze critically and draw conclusions about theories, studies and applied issues.
- C4. Prepare reports, present research findings, conduct scientific debates.
- C5. Apply creatively the acquired knowledge; perceive and disseminate new information.

11. Programme curriculum

Attached

12. Curriculum map

Attached

13. Assessment modes

Courses including up to 60 classroom hours are evaluated without final assessment (only with mid-term assessment) or without mid-term assessment (only with final assessment).

Courses including 60 and more classroom hours are evaluated through final assessment: 2 mid-term examinations (written and/or oral) and 1 final examination.

Written mid-term examinations imply brief analytical answers by an exam ticket or a written task (research work, application of diagnostic methodology, etc.), and oral mid-term examinations imply extensive analytical answers by an exam ticket, essay preparation, independent or group work and oral presentation.

Oral final examinations will be conducted by exam tickets.

14. Alumni future career opportunities

Graduates of the academic programme “Psychology” will have a perspective of independent professional activities in the fields of psycho-diagnostics, psychological support, health care, professional activity, social care and education.

Graduates can work at primary and high schools as psycho-recognizing, developing, correcting and supporting psychologist-specialists, psychologists working with the staff in companies, specialists of psycho-diagnostics and support at psychological service centers under the supervision of an experienced psychologist, specialists of care and protection at daycare centers taking social care and providing psychological support. Graduates of the programme can continue their studies in Master’s degree of YSU Faculty of Philosophy and Psychology, and afterwards- in postgraduate courses.

15. Resources and forms to support learning

Various support resources are available while learning in this programme: contemporary specialized literature obtained with lecturers' private funds and in the frames of grant projects (Armenian, Russian and English), electronic library, computer programs intended for quantitative research, auditoriums equipped for ICT-aided lectures, furnished training rooms intended for practical psychological activities.

3 research laboratories and the Center for Applied Psychology operating at the faculty constitute the scientific-research and academic base for the implementation of the programme. Students participate in laboratory activities, as well as in the cross-cultural studies carried out by the laboratories within the framework of international cooperation.

The faculty teaching staff implements innovative teaching and learning methods: debates, small group work, research tasks, which contribute to acquisition of final learning outcomes.

16. Educational standards or programme benchmarks used for programme development

The academic programme has been developed on the basis of the Qualifications Framework of the European Higher Education ("The Dublin Descriptors"), RA National Qualifications Framework for Higher Education, characteristics of professional qualifications framework for "Psychology Specialty" approved by RA Minister of Education and Science with Resolution 1326-A of 22.12.2016. Analogous accredited academic programmes of some leading universities have also been studied: in particular, the Psychology Bachelor's degree programmes at Higher School of Economics (HSE) and Saint Petersburg State University.

17. Requirements set for the programme teaching staff

1. General Skills

Teaching and Psychological-Pedagogical

- Knowledge and application skills of student-centered methodology in the process of the course development and implementation.
- Ability to employ interactive and innovative teaching and learning methods and make a standards-based assessment.
- Ability to encourage and motivate students and promote the development of their personal strengths.

Research

- Knowledge of research methodological principles, quantitative and qualitative methods.
- Skills to work with various scientific sources, including the skill to use Internet information sources.

Communication

- Oral communication and management skills.

- Elementary skills for rhetoric.
- Interpersonal communication skills.
- Knowledge of a foreign language.

ICT Application

- Basic computer skills (free command of MS Office package – Word, Excel, Power-Point).
- A skill to use contemporary social media platforms.
- Skills to prepare and present slide shows (pptx, prezi, canva, etc.).

Other Skills

- Time management skills.
- Skills for conflict resolution and cooperation.

2. Professional Knowledge and Abilities

- Knowledge of the main methodological principles, fundamental and contemporary theories, concepts and modern trends in psychology.
- Ability to understand, analyze and interpret fundamental and applied issues in psychology.
- Ability to study methodological and applied problems related to various fields of psychology using quantitative and/or qualitative methodology.
- Knowledge of the principles and an ability to provide various forms of psychological assistance: psycho-diagnostics/psycho-recognition, counseling, awareness-raising (individual and/or group).
- Knowledge of the principles of professional (research and work) ethics and mandatory compliance with them.

3. General Requirements

Professional Requirements

- Scientific degree and/or Master's degree in Psychology or a related field or at least 5 years' professional (research or practical) experience in a relevant sphere.
- At least 1 scientific and/or methodical publication over the past 5 years.
- Participation in local or international trainings and/or professional development courses over the past 5 years.

Pedagogical Experience

- At least 3 years' experience in teaching professional courses and/or conducting trainings.

Other Requirements

- An average rating of at least 4.0 points (for working teachers) received from the student survey results.

“PSYCHOLOGY” PROGRAMME CURRICULUM MAP

Programme Learning Outcomes

A. Professional Knowledge and Understanding		B. Practical Professional Skills	
A1	Describe the main methodological principles, contemporary and fundamental theories in psychology; present their relevant concepts, approaches and notions; define their applied significance in various spheres of social life.	B1	Apply the main methods of psychological research as required, analyze and interpret the obtained results to cope with professional (working or learning) issues.
A2	Understand psychological issues, such as the regularities, mechanisms and peculiarities of an individual's mental development, normal and clinical manifestations of mental health.	B2	Put into practice the methods of psycho-recognition; draw well-grounded conclusions based on professional analysis.
A3	Define the main methods of carrying out psychological research, data collection, as well as analysis and interpretation of findings; distinguish the ways, possibilities and limitations of their application.	B3	Distinguish and interpret psychological phenomena, psychological problems existing in various spheres of human life and activity ; implement actions aimed at solving those problems.
A4	Identify the psychological facts and regularities related to the fundamental and applied fields of psychology; understand their role and significance in individual and social life.	B4	Combine various approaches of psychological work displaying creativity; find professional solutions providing socially useful activity.
A5	Enumerate the main ethical principles of the psychologist's professional activity; highlight their significance and the importance to comply with them.	B5	Organize his/her working and/or learning activities in accordance with the acquired theoretical knowledge and practical skills.
A6	Identify the symptoms of mental disorders and their classification systems.		
C. General (Transferable) Skills			
C1	Cooperate with specialists of the given and other adjacent fields; work in a professional environment; maintain the standards of professional ethics.	C4	Prepare reports, present research findings, conduct scientific debates.
C2	Implement ICT tools to facilitate and carry out efficiently the process of knowledge transfer and professional activities.	C5	Apply creatively the acquired knowledge; perceive and disseminate new information.

C3	Analyze critically and draw conclusions about theories, studies and applied issues.		
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Educational Module Title	Module Code	Programme Learning Outcomes																	
		A1	A2	A3	A4	A5	A6	B1	B2	B3	B4	B5	C1	C2	C3	C4	C5		
Armenian Language and Speech Culture 1	1401/F01																+	+	
Armenian Language and Speech Culture 2	1401/F02																	+	+
Main Issues of Armenian History 1	1106/F03																	+	+
Main Issues of Armenian History 2	1106/F04																	+	+
English/German/French 1	1602/03													+				+	
English/German/French – 2	1603/03													+				+	
Russian 1	1703/04													+				+	
Russian – 2	1703/04													+				+	
Introduction to IT Application	2301/F01														+				
Civil Defense and First Aid in Emergency Situations	0002/F01													+					+
Introduction to Ecology and Environmental Protection	0708/F01																		+
Applied Statistics and Data Work	0105/F01														+			+	
Introduction to Law	1901/F01													+					+
Physical Education	0001/F01																		
Introduction to Business	1005/F25													+					+
Introduction to Political Science	1202/F23																+		+
Introduction to Cultural Studies	1107/F55																+		+

Psychology and Practicum of the Emotional-Volitional Sphere	1306/ƒ09	+	+	+				+	+	+					+	+	+
Differential Psychology and Practicum	1308/ƒ03	+	+		+				+	+						+	
Family Psychology and Psychotherapy	1309/ƒ03				+	+				+	+	+	+				+
Psychology of Suggestion	1309/ƒ04				+	+				+	+	+	+		+		
Age Psychology	1308/ƒ04	+	+		+					+					+	+	
Methods of Mathematical Statistics in Psychology	1306/ƒ10			+		+		+				+		+		+	+
Psychodiagnostics	1306/ƒ11			+	+	+		+	+				+	+		+	
Education Psychology	1308/ƒ05		+		+				+	+			+				+
Conflict Psychology	1309/ƒ05				+					+		+	+				
Ethnopsychology	1309/ƒ06				+						+				+		
Image Psychology	1309/ƒ07				+					+		+					+
Personal Growth Practicum	1308/ƒ06				+	+					+	+					+
Medical Psychology	1309/ƒ08	+	+		+		+			+	+		+				
Legal Psychology and Forensics	1309/ƒ09		+		+				+	+			+				
Creativity Psychology	1309/ƒ10		+		+					+	+				+		
Basics of Self-Regulation	1309/ƒ11		+		+						+	+	+				
Organizational Psychology	1309/ƒ12				+	+				+	+		+				
Emergency Situations Psychology	1306/ƒ12		+		+					+	+		+				+
Business Communication Psychology	1306/ƒ13				+	+				+			+				+
Psychological Counseling and Practicum	1308/ƒ07				+	+				+	+		+				
Introduction to Psychogenetics	1306/ƒ14		+		+			+					+		+		
Introduction to Psychosomatics	1309/ƒ13		+				+				+	+	+				

Psychology of Personality Disorders	1309/F14		+				+			+				+				
Child Psychodiagnostics	1308/F08			+	+				+	+						+		
Patient-Centered Therapy	1309/F15				+	+					+					+		
Health Psychology	1306/F15	+	+								+	+				+		
Psychology of Sexual Behavior	1308/F09		+		+						+							+
Advertising Psychology	1306/F16				+				+					+				+
Psychological Service at School	1308/F10				+	+					+	+	+	+				
Psychology and Psychoanalysis of Power and Authority	1309F/16				+						+	+						+
Psychology of the Parent-Child Relationships	1309F/17		+								+	+		+				+
Professional Internship	1306/F17 1308/F11 1309/F18					+				+	+	+		+				

YEREVAN STATE UNIVERSITY
Faculty of Philosophy and Psychology

“Psychology”
COURSE DESCRIPTORS

1. 1306/B05	2. Psychology and Practicum of Cognitive Processes	3. 7 ECTS credits
4. 7 hours per week	5. lec.-4, prac.-1, lab.-2	
6. 2 nd - fall semester	7. with final assessment	
<p>8. Course objectives are:</p> <ul style="list-style-type: none"> • to introduce students to the psychological studies of cognitive processes, to reveal the peculiarities of the higher forms of psychological reflection, • to present classical and modern theories, provide scientific explanations for the questions and problems raised, • to introduce the ways to explore them and the main results of their experimental study. 		
<p>9. Upon completion of the course the student will be able to:</p> <p><i>a. Professional knowledge and understanding</i></p> <ul style="list-style-type: none"> • understand the working peculiarities of cognitive processes, • analyze the development regularities of the cognitive sphere, • find and explore the newest psychological theories of the cognitive field. <p><i>b. Practical professional skills</i></p> <ul style="list-style-type: none"> • study and analyze the individual peculiarities of a specific individual’s cognitive sphere, • draw up and implement psychological research projects for the study of cognitive processes, <p><i>c. General (transferable) skills</i></p> <ul style="list-style-type: none"> • critically analyze and draw conclusions about cognitive theories, studies and applied issues, • creatively apply the acquired knowledge, perceive and disseminate new information. 		
<p>10. The course forms the following learning outcomes of the <u>academic programme</u>:</p> <ol style="list-style-type: none"> 1. A1 Describe the main methodological principles, contemporary and fundamental theories in psychology; present their relevant concepts, approaches and notions; define their applied significance in various spheres of social life. 2. A2 Understand psychological issues, such as the regularities, mechanisms and peculiarities of an individual’s mental development, normal and clinical manifestations of mental health. 3. A3 Define the main methods of carrying out psychological research, data collection, as well as analysis and interpretation of findings; distinguish the ways, possibilities and limitations of their application. 4. B1 Apply the main methods of psychological research as required, analyze and interpret the obtained results to cope with professional (working or learning) issues. 5. B2 Put into practice the methods of psycho-recognition; draw well-grounded conclusions based on professional analysis. 6. C3 Analyze critically and draw conclusions about theories, studies and applied issues. 7. C4 Prepare reports, present research findings, conduct scientific debates. 		

8. C5 Apply creatively the acquired knowledge; perceive and disseminate new information.

11. The following methods and techniques are used for teaching and learning:

1. The course mastering takes place through reciprocal classes and education forms, which include lectures, workshops, students' independent work, other active methods of mastering, fulfillment of practical tasks, practical games, group discussions.
2. Great importance is attached to students' independent activities, which include revision of the studied material using their notes, introduction to literature on each theme, preparation of group discussions by means of the Internet.
3. The subject teaching also envisages providing numerous up-to-date practical devices and methods.

12. Assessment methods and criteria:

1. 1st midterm exam (a maximum of 5 points, 25%).
Assessment method: the examination is conducted in writing, in the form of open and closed answers to the test questions.
Assessment criteria:
2. 2nd midterm exam (a maximum of 5 points, 20 %).
Assessment method: the examination is conducted in writing, in the form of open and closed answers to the test questions.
Assessment criteria:
3. Final exam (a maximum of 10 points, 50%).
Assessment method: the examination is conducted orally, in the form of students' oral answers to the exam questions on the list drawn up according to the studied themes.
Assessment criteria:

13. The course and seminars consist of the following main divisions:

1. A general overview of memory. The phenomenology of memory.
2. Organization of memory: main approaches and theories.
3. Classification of memory, its types and forms.
4. The three-component model of memory, its structure and processes.
5. Age peculiarities of memory, its development. Mnemotechnics.
6. The notion of thinking. Types of thinking.
7. Theories of thinking.
8. Thinking and knowledge.
9. Incentives and emotions in the thinking activity.
10. Individual peculiarities of thinking.
11. The development principle in the psychology of thinking.
12. The issue of intellect.
13. Language and speech.
14. Theories of speech.
15. Imagination as a cognitive process.
16. Theories of imagination. Development and evaluation of imagination.
17. The role of imagination in creative work.

Thematic plan for practical activities

1. The study of the capacity of short-term memory (Jacobs's theory).
2. The study of peculiarities of operative memory.

<ol style="list-style-type: none"> 3. The study of the efficiency of voluntary and involuntary memorizing (P. Zinchenko's methodology). 4. The study of direct and indirect memorizing. 5. The pictogram techniques. 6. The study of the subject conceptualization impact on memorizing. 7. Dependence of memorizing on an individual's standpoint. 8. The study of the qualitative changes of the subject matter while storing in memory. 9. The study of the rigidity of thinking processes (the impact of the past experience on the means of solving a problem). 10. The study of visual-imagery thinking (the "pictogram" technique). 11. The study of creative and reproductive thinking (impact of standpoint on the peculiarities of the thinking activity). 12. The study of speech perception in the case of existing articulatory barriers. 13. Mental imagery and imagination. 14. The study of imagination efficiency. 15. The study of individual peculiarities of imagination. 16. The study of creative imagination.
<p>14. References:</p> <ol style="list-style-type: none"> 1. Çeı+áíeı Ö.İ., İaiyöü â ýeñıãðeıáıoàeııíe è eıáıeòeáıíe ñeòıeıãeè. – Ñıá.: İeòãð, 2002. 2. Íããeãð Åæ., Öeáeıı İ., Óãððãeè Åæ., İúøeáıeá ñeııãı ñıãeòðã. İeıñe, İııóððe, 2001. 3. İñeòıeıãeý ñaiyöè, ñıã ðãã. Đ.Á.Åeııáıðãeòãð, В.Ф. Спиридонова. İ.:Астреъ, 2008. 4. Óıçeãã Á.Á., İðãeòeèoı ñı íãuãe ñeòıeıãeè: Ó+ááııã ñıñıãeãã æeı ñoóã. Áũñø. Ó+ãã. Çãããããıeè. İ.: Èçã. Öãıòð «Àeãããıeý», 2003.- Ñ. 14–28, 63–122, 134–140. 5. Philip Quinlan, Philip T. Quinlan, Ben Dyson. 2008. <i>Cognitive Psychology</i>. Publisher- Pearson/Prentice Hall.

1. 1306/B08	2. Experimental Psychology	3. 6 ECTS credits
4. 5 hours per week	5. lec.-3, prac.-2	
6. 4 th –spring semester	7. with final assessment	
<p>8. Course objectives are:</p> <ul style="list-style-type: none"> • to introduce students to the experimental research theories and methodology bases in psychology, • to orient in the system of psychological research methods, • to form knowledge for planning and conducting psychological experiments. 		
<p>9. Upon completion of the course the student will be able to:</p> <p><i>a. Professional knowledge and understanding</i></p> <ol style="list-style-type: none"> 1. identify the forms of planning psychological research and conducting experiments, 2. present the logic of organizing psychological research. <p><i>b. Practical professional skills</i></p> <ol style="list-style-type: none"> 3. orient in the methodological issues of psychological research and carry out research. 		

c. General (transferable) skills

4. apply independently the acquired knowledge for organizing and planning experiments and other empirical research.

10. The course forms the following learning outcome(s) for the academic programme.

A1. Describe the main methodological principles, contemporary and fundamental theories in psychology; present their relevant concepts, approaches and notions; define their applied significance in various spheres of social life.

A3. Define the main methods of carrying out psychological research, data collection, as well as analysis and interpretation of findings; distinguish the ways, possibilities and limitations of their application .

B1. Implement the main methods of psychological research as required, analyze and interpret the obtained results to cope with professional (working or learning) issues.

B2. Put into practice the methods of psycho-recognition; draw well-grounded conclusions based on professional analysis.

B5. Organize his/her working and/or learning activities in accordance with the acquired theoretical knowledge and practical skills.

C3. Analyze critically and draw conclusions about theories, studies and applied issues.

C4. Prepare reports, present research findings, conduct scientific debates.

11. The following methods and techniques are used for teaching and learning:

1. lecture,
2. seminar class,
3. discussion,
4. practical activities,
5. implementation and presentation of research work.

12. Assessment methods and criteria:

For the course with final assessment

1. The 1st midterm exam is assessed up to a maximum of 5 points.

Assessment method: brief analytical answers to the given questions in writing.

Assessment criteria: logical thinking, independence, proper interpretation of the subject matter.

2. The 2nd midterm exam is assessed up to a maximum of 5 points.

Assessment method: brief analytical answers to the given questions in writing.

Assessment criteria: logical thinking, independence, proper interpretation of the subject matter.

3. The final exam is assessed up to a maximum of 10 points.

Assessment method: oral examination according to the given list of exam questions.

Assessment criteria: knowledge of the key aspects of questions, analytical answers. Degree of completeness and mastery of the subject matter.

13. The course consists of the following main sections:

Section 1. The experimental method as a system of norms for testing psychological hypotheses and a type of researcher's practical activity. Experiment in the system of psychological research. Psychological hypotheses and theoretical reconstructions in the frames of the experimental method. The logic of experimental facts and summaries.

Section 2. The planning bases of a psychological experiment and classification of experimental schemes. The validity of experiments as a goal of the experimental control. Types of psychological experiments.

Section 3. The correlation approach in psychological research. Quasi-experiments and research activities seeking the experimental method. Methodological issues of conducting psychological research.

14. References:

1. Ավանեսյան Հ. Մ. Փորձարարական հոգեբանություն: Ուսումնական ձեռնարկ, Էդիթ Պրինտ, Երևան, 2010
2. Ավանեսյան Հ. Մ. Հոգեբանական գիտափորձերի պրակտիկում. Ուս. ձեռնարկ: Հեղ. հրատ., Երևան, 2015, 50 էջ
3. Зароченцев К. Д., Худяков А. И., Экспериментальная психология/ Учебник. М., 2005.
4. Корнилова Т. В., Экспериментальная психология: Теория и методы: Учебник для вузов. М.: Аспект Пресс, 2003.
5. Handbook of Psychology, Volume 4: Experimental Psychology//
<https://psihologiapentrutoti.files.wordpress.com/2011/08/handbook-of-psychology-vol-04-experimental-psychology.pdf>

YEREVAN STATE UNIVERSITY

Faculty of Philosophy and Psychology

“Personality Psychology and Psychological Counseling”

PROGRAMME SPECIFICATION

1. Programme title and code	“Personality Psychology and Psychological Counseling”, 031301.07.7
2. Institution	Yerevan State University (YSU)
3. Accreditation details	–
4. Qualification awarded	Master’s Degree in Psychology
5. Programme start academic year	2019-2020
6. Language of study	Armenian
7. Mode of study	Full-time

8. Admission criteria / requirements

Admission for the Master’s degree programme is conducted in accordance with the relevant YSU regulation¹: graduates of the given specialty from YSU and other higher education institutions over the past 3 years, whose Grade Point Average (GPA) is 13 and more, will be allowed to participate in the admission competition. And those having GPA less than 13 will be admitted on a competitive basis by the results of the examination taken with a questionnaire relevant to the academic programme of the given Bachelor’s degree profession.

9. Programme objectives

The programme aims to:

- develop students’ professional skills through an in-depth study of the field of personality psychology to understand, analyze and interpret the issues of constant personal growth in the context of modern trends of the society development,
- provide students with professional knowledge and skills necessary for carrying out research, psycho-diagnostic, counseling, educational and developing activities within the scope of social-psychological support services,

¹ “Procedures for admission to full-time and by correspondence learning in Master’s degree programmes (reapproved annually).

- assist students in developing their professional knowledge and skills in the fields of education, health care and professional activity to promote the establishment of psychological service.

10. Programme learning outcomes

A. Professional Knowledge and Understanding

Upon completion of the programme the student will be able to:

- A1. Define the historical-cultural prerequisites, methodological bases and modern development trends in the field of personality psychology.
- A2. Present the contemporary macro- and micro-theories and concepts of personality psychology.
- A3. Explain the peculiarities, processes and regularities of personality development during different age stages.
- A4. Substantiate the quantitative and qualitative methods application compliance with research objectives.
- A5. Define the implementation principles, peculiarities and types of psychological (individual and group) counseling activity.
- A6. Describe peculiarities characterizing psychological support services in the fields of education, health care and professional activity.

B. Practical Professional Skills

Upon completion of the programme the student will be able to:

- B1. Carry out studies on the contemporary issues of personality and development psychology applying qualitative and quantitative methods of outcome analysis.
- B2. Analyze and present the patterns of personality identification, types of behavior and system of beliefs in the context of modern social-cultural changes.
- B3. Apply the psycho-diagnostic (self-evaluation and projective) methods of personality studies in counseling work.
- B4. Conduct individual and group psychological counseling sessions.
- B5. Apply the principles of counseling in educational, health care and social fields to provide social-psychological support services.
- B6. Perform counseling and psycho-educational activities aimed at personality growth and self-development in the areas of education, health, fulfillment of social needs and community integration.

C. General (Transferable) Skills

Upon completion of the programme the student will be able to:

- C1. Apply the acquired knowledge in practice, formulate and solve problems.
- C2. Cooperate with colleagues and specialists of other adjacent fields, coordinate the work of professional groups.
- C3. Prepare reports, present research findings, conduct scientific debates.
- C4. Adhere to the principles of professional ethics.

11. Programme curriculum

-

12. Curriculum map

Attached

13. Assessment modes

The assessment modes are the following: test, without mid-term assessment (with one final examination), 2 mid-term examinations and final assessment (2 mid-term and 1 final examination)

Written mid-term examinations imply brief analytical answers to the exam card or test tasks, and oral mid-term examinations imply preparation and oral presentation of essays, independent or group work (research project, psychotherapeutic talk, application of a psycho-diagnostic method, practical work, etc.) and its oral presentation.

Oral final examinations will be conducted by exam cards and/or independent work presentation.

14. Alumni future career opportunities

Graduates of the academic programme “Personality Psychology and Psychological Counseling” will have a perspective of independent professional activities in such fields as:

- scientific studies,
- psychology teaching,
- psycho-diagnostics, psychological support and counseling in the areas of health care, professional activity, social care and education.

Graduates can work at psychological service centers as specialists conducting individual or group counseling sessions, at daycare and protection centers – as specialists for providing social care and psychological support, at medical and rehabilitation centers – as psychological counseling specialists, at primary and high schools – as psycho-diagnostic, developing, correcting and supporting psychologist-specialists, at university resource centers – as individual consultants, at centers of professional orientation – as specialists providing evaluation and counseling, at scientific-research centers – as researchers, in business companies – as individual consultants working with the staff; they can carry out private counseling work as well. Graduates of the programme can thereafter continue their studies in the Doctoral degree programme (postgraduate courses) of YSU Faculty of Philosophy and Psychology.

15. Resources and forms to support learning

Various resources are available for getting support while learning in this programme: contemporary specialized literature obtained with lecturers' private funds and in the frames of grant projects (Armenian, Russian and English), electronic library, computer programs intended for quantitative and qualitative research, as well as audio-video learning materials (educating films on professional issues, lectures by prominent scientists and master classes).

The scientific research laboratory "Personality and Social Environment" operating at the faculty constitutes the scientific-research and academic base for the implementation of the programme. Students participate in laboratory activities, within the scope of which most students prepare their Master's theses. Students also participate in the cross-cultural studies carried out by the laboratory within the framework of international cooperation and perform activities including data collection and outcome analysis.

The faculty teaching staff implements innovative teaching and learning methods to achieve the programme's learning outcomes. Lectures are delivered in an interactive mode; students are encouraged and motivated to participate in discussions; meetings with guest-lecturers and online lectures are also organized in the frames of the programme implementation. In the case of a theoretical module, the following learning methods are applied: in particular, analysis of scientific articles related to the studied topic, preparation of essays, elaboration of research projects. In the case of a combined theoretical-practical module, interactive methods are applied: in particular, situational modeling, case analysis, role playing, as well as extracurricular activities implying independent work (a psychotherapeutic talk, implementation of psychodiagnostic methodology, outcome analysis and self-reflection).

16. Educational standards or programme benchmarks used for programme development

The academic programme has been developed in accordance with the 7th level of the RA National Qualifications Framework for Higher Education, as well as the sectorial descriptors approved by RA Ministry of Education and Science.

The Master's degree programme "Personality Psychology and Psychological Counseling" was developed taking into consideration international programme benchmarks and standards. In particular, the programme benchmarks for psychological counseling of the UK's Quality Assurance Agency were studied (Counseling and Psychotherapy, Subject Benchmark Statement). The academic programme is also based on the analogous accredited academic programmes of some leading universities, such as "MA in Counseling Psychology" of the University of British Columbia (Canada), "MA in Counseling Psychology" of the University of Minnesota (the USA), "MA in Counseling Psychology: Personality Studies" with its several specializations (Existential Analysis and

Logotherapy, Person-Centered Approach, Transactional Analysis) of the RF NRU Higher School of Economics, “MA in Personality Psychology” of Saint-Petersburg State University with its several specializations (Specialty 1 – Existential Psychology, Specialty 2 – Individual Psychological Counseling. Mental Health, Specialty 3 – Counseling Psychology), and “MA in Psychological Counseling, Person-Oriented Counseling, Age-Psychological Counseling” of Moscow State Pedagogical University.

17. Additional information on the programme

During the course of 2014-2016, the learning outcomes and teaching, learning methods of the programme “Personality Psychology and Psychological Counseling” were reviewed within the framework of the PICASA_TEMPUS project and made consistent with the international principles and criteria, particularly as a result of cooperation with the University of Roehampton (Great Britain).

18. Requirements set for the teaching staff providing the programme

1. General Skills

Teaching and Psychological-Pedagogical

- Knowledge and application skills of student-centered methodology in the process of the course development and implementation.
- Ability to employ interactive and innovative teaching and learning methods and make a standards-based assessment.
- Ability to encourage and motivate students and promote the development of their personal strengths.

Research

- Knowledge of quantitative and qualitative research methods.
- Ability to develop, implement and supervise research projects.
- Skills to work with various scientific sources, including the skill to use the Internet information sources.

Communication

- Skills of oral communication with an audience.
- Interpersonal communication skills.
- Knowledge of a foreign language (desirably at B1 level).

ICT Application

- Basic computer skills (free command of MS Office package – Word, Excel, PowerPoint).
- A skill to use contemporary social media platforms.
- Skills to prepare and present slide shows (pptx, prezi, canva, etc.).

Other Skills

- Time management skills.
- Conflict resolution and cooperation skills.

2. Professional Knowledge and Abilities

- Ability to understand, analyze and interpret the issues of stable personality development in the context of modern trends in the society development.
- Knowledge about the contemporary issues and current trends in personality psychology, development psychology, social psychology and psychological counseling.
- Ability to study issues of methodological and applied character related to personality psychology, development psychology and psychological counseling using quantitative and/or qualitative methodology.
- Ability to provide various forms of psychological assistance carrying out psychodiagnostic, counseling, educational and psychological development activities.
- Knowledge of the principles of psychological services organizing and an ability to provide them in the areas of education and health care.

3. General Requirements

Professional Requirements

- Scientific degree and/or Master's degree in Psychology or a related field awarded by a foreign university or at least 5 years' psychological counseling/psychotherapeutic experience in the fields of education or health care and /or within the scope of private practice.
- At least 1 scientific and/or methodical publication over the past 5 years.
- Participation in at least 2 international conferences and/or workshops over the past 5 years.
- Participation in local or international trainings and/or professional development courses over the past 5 years.

Pedagogical Experience

- At least 3 years' experience in teaching professional courses and/or conducting trainings.

Other Requirements

- An average rating of at least 4.0 points (for working lecturers) received from the student survey results.

“PERSONALITY PSYCHOLOGY AND PSYCHOLOGICAL COUNSELING” PROGRAMME CURRICULUM MAP

Programme Learning Outcomes

A. Professional Knowledge and Understanding		B. Practical Professional Skills	
A1	Define the historical-cultural prerequisites, methodological bases and modern development trends in the field of personality psychology.	B1	Carry out studies on the contemporary issues of personality and development psychology applying qualitative and quantitative methods of outcome analysis.
A2	Present the contemporary macro- and micro-theories and concepts of personality psychology.	B2	Analyze and present the patterns of personality identification, types of behavior and system of beliefs in the context of modern social-cultural changes.
A3	Explain the peculiarities, processes and regularities of personality development during different age stages.	B3	Apply the psycho-diagnostic (self-evaluation and projective) methods of personality studies in counseling work.
A4	Substantiate the quantitative and qualitative methods application compliance with research objectives.	B4	Conduct individual and group psychological counseling sessions.
A5	Define the implementation principles, peculiarities and types of psychological (individual and group) counseling activity.	B5	Apply the principles of counseling in educational, health care and social fields to provide social-psychological support services.
A6	Describe peculiarities characterizing psychological support services in the fields of education, health care and professional activity.	B6	Perform counseling and psycho-educational activities aimed at personality growth and self-development in the areas of education, health, fulfillment of social needs and community integration.
C. General (Transferable) Skills			
C1	Apply the acquired knowledge in practice, formulate and solve problems.	C3	Prepare reports, present research findings, conduct scientific debates.
C2	Cooperate with colleagues and specialists of other adjacent fields, coordinate the work of professional groups.	C4	Adhere to the principles of professional ethics.

Educational Module Title	Module Code	Programme Learning Outcomes																		
		A1	A2	A3	A4	A5	A6			B1	B2	B3	B4	B5	B6		C1	C2	C3	C4
IT in the Professional Field	1308/M01									+									+	
Research Planning and Methods	1308/M02				+					+							+		+	
Foreign Language - 1	1602/M01		+	+													+	+		
Foreign Language - 2	1602/M02																+	+		
Contemporary Issues of Profession / Personality Psychology and Psychological Counseling	1308/M03	+												+			+	+		
Theory and Practice of Psychological Counseling	1308/M04					+	+						+	+	+					+
Contemporary Theories of Personality	1308/M05	+	+								+								+	
Positive Counseling and Psychotherapy	1308/M06					+							+		+		+			+
Narrative Psychology and Psychotherapy	1308/M07	+	+								+		+		+		+			+
Qualitative Research in Personality Psychology	1308/M08				+					+	+						+		+	
Psychological Counseling Skills	1308/M09					+							+	+	+		+			+
Methods of Personality Psychodiagnostics	1308/M10				+					+		+					+			+
Applied Issues of Personality Development (childhood, adolescence, adulthood)	1308/M11			+							+				+		+		+	
Health Psychology and Counseling	1308/M12						+							+	+		+	+		
Existential Psychology and Psychotherapy	1308/M13					+							+	+	+					+
Family and Couple Counseling and Psychotherapy	1308/M14					+							+	+	+					+
Parenthood and Parent Counseling	1308/M15			+			+						+	+	+		+			
Psychosocial Rehabilitation Work	1308/M16						+							+	+			+		+
Art-Therapeutic Methods in Psychological Counseling	1308/M17			+		+							+		+		+			
Theory and Practice of Group Counseling	1308/M18					+							+	+	+					+
Child and Teenager Psychotherapy	1308/M19					+							+	+						+

Psychological Counseling in the Field of Education	1308/M20							+							+	+			+		+	
Professional Internship	1308/M21											+			+	+			+		+	
Scientific Seminar	1308/M22	+									+										+	

YEREVAN STATE UNIVERSITY

Faculty of Philosophy and Psychology

“Personality Psychology and Psychological Counseling”

COURSE DESCRIPTORS

1. 1308/M08	2. Qualitative Research in Personality Psychology	3. 3 ECTS credits
4. 2 hours per week	5. lecture hours - 2	
6. 2 nd - spring semester	7. without final assessment	
8. Course objectives are: <ul style="list-style-type: none">• to expand students' professional competence through providing them with theoretical and practical knowledge about qualitative research,• to complete student research abilities and skills in the process of personality recognition/psychodiagnostics and counseling,• to contribute to the development of students' analytical, interdisciplinary thinking and inter-field knowledge in the context of challenges of understanding personality issues.		
9. Upon completion of the course the student will be able to: <i>a. Professional knowledge and understanding</i> <ol style="list-style-type: none">1. present and interpret the paradigm and theoretical bases of qualitative research, the peculiarities of qualitative and quantitative orientations,2. determine and substantiate the theoretical frame and methodology most appropriate to the set aim/objective. <i>b. Practical professional skills</i> <ol style="list-style-type: none">3. draw up a qualitative research project according to the goal set or selected,4. reformulate a research objective established by quantitative methodology into the frame of qualitative methodology,5. display skills for holding an interview,6. carry out qualitative data processing. <i>c. General (transferable) skills</i> <ol style="list-style-type: none">7. put into practice the acquired knowledge, formulate and solve problems,8. prepare reports on research findings, conduct scientific debates.		
10. The course forms the following learning outcomes of the <u>academic programme</u> : A4. Substantiate the quantitative and qualitative methods application compliance with research objectives. B1. Carry out studies on the contemporary issues of personality and development psychology		

applying qualitative and quantitative methods of outcome analysis.

B2. Analyze and present the patterns of personality identification, types of behavior and system of beliefs in the context of modern social-cultural changes.

C1. Apply the acquired knowledge in practice, formulate and solve problems.

C3. Prepare reports, present research findings, conduct scientific debates.

11. The following methods and techniques are used for teaching and learning:

1. lecture, practical training,
2. reading and critical analysis of the assigned literature,
3. participation in discussions,
4. independent extracurricular individual and group activities (development of research projects, elaboration of tools, carrying out pilot research).

12. Assessment methods and criteria:

1. The 1st midterm exam is assessed up to a maximum of 10 points.

Assessment methods: brief analytical answers to questions, assessment of independent work (drawing up and applying an interview questionnaire, presenting pilot data).

Assessment criteria: independent analysis, adherence to the principles of preparing and holding an interview.

2. The 2nd midterm exam is assessed up to a maximum of 10 points.

Assessment methods: assessment of independent work (group research project and oral presentation).

Assessment criteria: consistence of the set objective with the methodology applied, equivalence of the research amount to team work, the quality of the research carried out.

13. The course consists of the following main sections:

Section 1. Basics and principles of qualitative methodology.

Section 2. Methods of carrying out qualitative research and data collecting.

Section 3. Complex/combined qualitative approaches.

Section 4. Data analysis, interpretation and presentation.

Section 5. Spheres of practical application for qualitative research.

14. References:

1. Улановский, А. М. (2006). Качественная методология и конструктивистская ориентация в психологии. Вопросы психологии, 3,27-37.
2. Denzin, N., & Lincoln, Y. (2008). Collecting and interpreting qualitative materials (Vol. 3).Sage.
3. Smith, J. A. (Ed.). (2015). Qualitative psychology: A practical guide to research methods.Sage.
4. Silverman, D. (2013). Doing qualitative research: A practical handbook. SAGE Publications Limited.
5. Willig, C., & Stainton-Rogers, W. (Eds.). (2007). The SAGE handbook of qualitative research in psychology. Sage.

1. 1308/M10	2. Methods of Personality Psychodiagnostics	3. 6 ECTS credits
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4. 4 hours per week	5. lec.-2, pract.-2
6. 2 nd –spring semester	7. with final assessment
<p>8. Course objectives are:</p> <ul style="list-style-type: none"> • to introduce students to the methods of personality examination, projection as a psychological phenomenon and the variety of projective methods, • to provide knowledge on psychodiagnostic projective methods, to form practical skills to apply specific methodology, • to promote knowledge about the main projective tests on personality psychodiagnostics and acquisition of certain practical skills. 	
<p>9. Upon completion of the course the student will be able to:</p> <p><i>a. Professional knowledge and understanding</i></p> <ol style="list-style-type: none"> 1. select a psychodiagnostic method/methodology for personality examination, substantiate the consistence of the methodology with the set objective, 2. present the procedures for applying specific psychodiagnostic projective methods and the principles of their interpretation, 3. identify the possible extent of the subjective perceptions of the individual self, as well as the standpoints and limitations in test interpretations. <p><i>b. Practical professional skills</i></p> <ol style="list-style-type: none"> 4. carry out quantitative and qualitative data processing by psychodiagnostic methods and foresee the difficulties of interpretation, 5. combine interpretations by projective methods with the findings revealed through other psychodiagnostic methods, 6. apply the findings of psychodiagnostic (projective) methods in awareness-raising counseling activities aimed at self-development. <p><i>c. General (transferable) skills</i></p> <ol style="list-style-type: none"> 7. formulate and solve problems, 8. adhere to the norms of professional ethics. 	
<p>10. The course forms the following learning outcome(s) for the <u>academic programme</u>:</p> <p>A4. Substantiate the quantitative and qualitative methods application compliance with research objectives.</p> <p>B1. Carry out studies on the contemporary issues of personality and development psychology applying qualitative and quantitative methods of outcome analysis.</p> <p>B3. Apply the psycho-diagnostic (self-evaluation and projective) methods of personality studies in counseling work.</p> <p>C1. Apply the acquired knowledge in practice, formulate and solve problems.</p> <p>C4. Adhere to the principles of professional ethics.</p>	
<p>11. The following methods and techniques are used for teaching and learning:</p> <ol style="list-style-type: none"> 1. lectures and discussions, 2. individual practical activities by specific methods, 3. formation and training of professional skills. 	
<p>12. Assessment methods and criteria:</p>	

1. The 1st midterm exam is assessed up to a maximum of 5 points.
Assessment methods: answers to the given questions, assessment of independent work, oral presentation of methodical findings.
Assessment criteria: independent conduct, analysis, adherence to the principles of the procedure and its interpretation.
2. The 2nd midterm exam is assessed up to a maximum of 5 points.
Assessment methods: assessment of independent work.
Assessment criteria: consistence of the set objective with the methodology applied, qualitative and quantitative processing of psychodiagnostic data.
3. The final exam is assessed up to a maximum of 10 points.
Assessment methods: oral answers to questions.
Assessment criteria: mastery of the course subject matter, independence in interpretation, knowledge of the requirements set for psychodiagnostic methods.

13. The course consists of the following main sections:

Section 1. Personality examination as a psychodiagnostic issue.

Section 2. Projective methods of personality psychodiagnostics.

Section 3. Thematic perceptive tests.

Section 4. Theory of personality constructs.

Section 5. Szondi's test on profile selection.

14. References:

1. Հոգեդիագնոստիկա: Ուսումնական ձեռնարկ / ԵՊՀ: Կազմ.՝ Ռ. Ստեփանյան, Ա. Գալստյան.- Եր.: ԵՊՀ հրատ., 2012. էջ146-176.
2. Проективная психодиагностика личности : учеб. пособие /О.А. Любичкая. – Хабаровск: Изд- во ДВГУПС,2013.
3. Вартег Э., Уровневая диагностика / Пер. с нем. Е. Ю. Патяевой; Под ред. В. К. Калиненко. Калиненко В. К. Рисуночный тест Вартега.-М.: Смысл,2006.
4. Соколова Е.Т. Психологическое исследование личности: проективные методики. - М., ТЕИС, 2002. – 150 с.
5. Собчик Л.Н. Модифицированная методика Сонди (тест восьми влечений). — СПб: Речь, 2002 (Метод портретных выборов - адаптированный вариант Сонди, практическое руководство).

YEREVAN STATE UNIVERSITY

Institute of Pharmacy

“Pharmacy”

PROGRAMME SPECIFICATION

1. Programme title and code	Pharmacy 091601.01.6
2. Institution	Yerevan State University (YSU)
3. Accreditation details	–
4. Qualification awarded	Bachelor’s degree in Pharmacy
5. Programme start academic year	2019/2020
6. Language of study	Armenian
7. Mode of study	Full-time

8. Admission criteria/requirements

The admission is carried out in accordance with the RA government Decree N 597-N on “Procedure for Admission to the RA State and Private Higher Education Institutions (according to the bachelor's academic programme)” adopted on April 26, 2012.

For admission, the applicant takes entrance exams in the following subjects:

“Chemistry” – required

“Biology” or “Physics” – optional

9. Programme objectives

The programme aims to:

- Prepare high-quality pharmacists in accordance with international standards, provide the students with basic knowledge and skills in this field, which will enable them to work in pharmacies, pharmaceutical production companies, drug regulatory organizations, customs services, expert organizations, healthcare, medical, forensic, research and educational institutions and other fields with pharmacists in demand.
- Provide the students with basic knowledge to determine main drug groups in accordance with the international system requirements, as well as analyze and

evaluate the pharmacological groups used in the treatment of a specific disease based on the pharmacological effect and the mechanism of action.

- Introduce students to the processes of the drug procurement, quality control, transportation, storage, evaluation of effectiveness, development of regulation on medicines circulation and formulation of the normative documents.
- Provide the students with basic knowledge on research and certification of drug synthesis and composition, study of the mechanisms of action, research and organizational activities for obtaining new types of medicaments.

10. Programme learning outcomes

A. Professional knowledge and understanding

Upon completion of the programme, the student will be able to:

- A1. Define the basic principles and concepts of modern natural science, global and local environmental issues, formulate the general provisions of mathematics.
- A2. Present the chemical compounds (inorganic and organic) composition, properties, methods of analysis, their toxicological effects, as well as the safety instructions for working with these substances.
- A3. Introduce the basics of physiology and anatomy, describe the main pathways of the body metabolism, as well as the causes of pathological processes and hereditary diseases and the latest examination methods.
- A4. Describe the pharmacological properties of drugs, the incompatibility and bioavailability of the application, present the issues of pharmacokinetics, pharmacodynamics, pharmacogenetics, biotechnology, etc.
- A5. Formulate the theoretical and experimental basics for the collection, procurement, processing, standardization and use of pharmaceutical raw materials, cover the theoretical basics of medicine production in pharmacies and factories and their technological rules and sanitary norms, assess their quality at different stages of production according to the requirements of normative documents.
- A6. Present the methods of pharmacopoeia analysis of drug synthesis, quality assessment and control norms and requirements.
- A7. Define the principles and basics of management to undertake and organize pharmaceutical activities in different units of drug circulation, organize all the work of the pharmacy database and drug quality control laboratory by the application of new economic, social-psychological and organizational management methods.

B. Practical professional skills

Upon completion of the programme, the student will be able to:

- B1. Carry out syntheses and structural studies of chemical compounds of different nature, predict the mechanisms of chemical conversions, their toxicological effects and ways of prevention.
- B2. Study the basics and achievements of modern biology, botany, biotechnology, biomedicine, as well as applied fields. Analyze the structural features of the

organism and organ systems and the mechanisms of their regulation. Distinguish the main groups of bacteria and cover their role in nature and human life.

- B3. Work in pharmaceuticals with information sources and constantly updated drugs, study their pharmacokinetic and pharmacogenetic features.
- B4. Organize and implement the collection of pharmaceutical raw materials, drugstore and industrial drug production, assess their quality at different stages of production, means of environmental protection and sanitary conditions of the production.
- B5. Carry out and organize pharmacy activities, analyze economic indicators, develop the financial plan and production programme and take measures to increase economic efficiency.
- B6. Cover the ways of obtaining the main classes of drugs, the modern requirements and approaches of pharmaceutical analysis, the structural features of drugs, predict their biological activity and role in pharmacology, carry out the quantitative and qualitative determination of active components.

C. General (transferable) skills

Upon completion of the programme, the student will be able to:

- C1. Work in a team, prepare reports, summarize the research results, as well as actively participate in conferences, seminars and discussions.
- C2. Use various sources of information related to pharmaceuticals (Internet, e-libraries, advertising materials, newsletters, scientific articles, reports), analyze new information, understand the data of modern medical literature and apply it in practice.
- C3. Obtain professional information in native and any other foreign languages, as well as carry out professional communication.
- C4. Preserve the norms of professional ethics during the implementation of various functions in the field of pharmaceuticals, be proactive and responsible while making decisions and implementing them, show humanity, strive for self-improvement, lead a healthy lifestyle and advocate it.
- C5. Present consumers in an accessible way the main characteristics of the drugs and their belonging to a certain group in line with the requirements of international drug systems.

11. Programme curriculum

Attached

12. Curriculum map

Attached

13. Assessment modes

- written and oral midterm exams,

- written and oral midterm tests,
- final oral exams,
- oral exams without current assessment,
- reports,
- papers.

14. Alumni future career opportunities

The graduates of the “Pharmacy” bachelor's programme can be employed in the following pharmaceuticals and specialty related fields:

- *Public and hospital drugstores (pharmacists),*
- *Drug circulation regulatory bodies and institutions (Ministry of Health of the Republic of Armenia, Health Inspectorate, The Scientific Center of Drug and Medical Technology Expertise and so forth),*
- *Drug industry (qualified person),*
- *In the Armenian representatives of foreign suppliers / pharmaceuticals (pharmacist-representative),*
- *Scientific research and educational institutions,*
- *In other areas requiring pharmaceutical education.*

Graduates of the programme can continue their studies at the Master's degree of the YSU Institute of Pharmacy, as well as the Master's degree of YSMU and various professional institutes of NAS of RA, American University and so forth.

15. Resources and forms to support learning

The three specialized chairs of the Institute of Pharmacy contributing to the learning outcomes established by the programme are “Biomedicine”, “Pharmtechnology and pharmacy economics and management” and “Pharmaceutical chemistry and pharmacognosy”. The chairs include modern academic and research laboratories (drugstore and industrial technology, pharmacology, pharmacopoeia analysis, pharmaceutical chemistry, etc.) equipped with pharmacy and analytical modern equipment and cabinets.

The institute has classrooms equipped with computers, which enable to organize lectures with observational materials, as well as distance learning and online lectures. To fully master the course, students are also provided with electronic materials and books. Some printed books and methodological manuals for students are available at the YSU library and the office of the Institute of Pharmacy.

16. Educational standards or programme benchmarks used for programme development

- Academic programme of “Charles University”, Faculty of Pharmacy, Prague, Czech Republic
- Curriculum of the KU School of Pharmacy, the USA
- Academic programme of the specialty “Pharmacy” of Belgorod State National Research University, Faculty of Pharmacology, the Russian Federation

- Academic programme of St. Petersburg State Chemical Pharmaceutical Academy, Faculty of Pharmacology, the Russian Federation
- Academic programme of Pyatigorsk State Pharmaceutical Academy, Faculty of Pharmacology, the Russian Federation
- Academic programme of the specialty “Pharmacy” of the I.M. Sechenov Moscow State Medical University, Institute of Pharmacy, the Russian Federation
- Academic programme of the specialty “Pharmacy” of Moscow State University, Faculty of Fundamental Medicine, the Russian Federation
- Academic programme of the specialty “Pharmacy” of Belarusian State Medical University
- Academic programme of the specialty “Pharmacy” of Vitebsk State Medical Institute, Faculty of Pharmacology

17. Additional information about the programme

“Pharmacy” Institute of Yerevan State University and the Faculty of Pharmacology of Belgorod State National Research University of the Russian Federation have approved a joint bachelor's degree curriculum, which enables graduates of the programme to receive diplomas in "Pharmacy" of both “Yerevan State University” and Belgorod State National Research University of the Russian Federation.

18. Requirements for the academic staff

1. General skills

Teaching/pedagogical

- Full mastery of professional pedagogical knowledge and skills (according to the approved subject programme), understanding of the conceptual basis of the subject, simple and clear presentation of the material, application of innovative and interactive methods in the teaching process,
- ability to communicate with students, development of their professional skills, analytical thinking and autonomy,
- skills to develop subject programmes and additional supporting materials, and responsibility to implement them according to the educational process schedule.

Research

- Skills to carry out research in pharmacy and the related fields (published articles, reports at international conferences, grants),
- knowledge of research methods, collection and analysis of information on scientific innovations, prediction of research results and topicality, application of the obtained results in the educational process, the involvement of students in research activities,
- skills to supervise graduation papers, master theses, student research papers, dissertations in pharmacy and the related fields.

Communication

- Excellent knowledge of the Armenian language, clear oral and written speech, mastery of at least one foreign language (according to English A2 or B1 level),

- abilities to work in a team, decision-making skills, necessary knowledge to develop projects, programmes, ability to make appropriate decisions in different communication situations.

ICT application

- Skills to use various sources of information related to the pharmaceutical industry (Internet, e-libraries, scientific articles), ability to apply them in scientific work and courses,
- comprehensive use of ICT to conduct scientific research and create new knowledge.

Other skills

- Possessing ethical norms, showing humanity, striving for self-improvement, preserving national culture and universal values,
- skills to evaluate the necessary resources and implement programmes effectively,
- skills to plan and manage time resources.

2. Professional skills

- Awareness of pharmacy contemporary issues, achievements, latest approaches, programmes introduced in the fields of healthcare and education,
- cooperation with the academic staff of “Pharmacy” and specialty related subdivisions of foreign universities (joint scientific articles, educational manuals, textbooks),
- generating new ideas and thoughts in the field of pharmacy aimed at carrying out of research activities and introduce them, as well as establish new collaborations,
- knowledge of methods used in the field of professional activities, skills of using modern equipment and tools, analyzing the obtained information, as well as drawing conclusion and making interpretations,
- Preserving safety rules for work in laboratories and informing students about them.

3. General requirements

Academic degree

- Availability of an academic degree in pharmacology or the related fields (Ph.D., Doctor of Sciences, and so forth) or, in case of absence of teaching experience, at least 3 years of practical work experience in the fields of pharmaceutical production, organization of pharmaceutical activities.

Pedagogical experience

- At least 2 years of pedagogical experience (teaching laboratory and other classes allocated during the postgraduate years) or 3 years of passive practical activity,
- Participation in local or international trainings and/or professional qualification enhancement courses during the last 5 years.

Practical work experience

- At least 3 years of practical work experience in the fields of pharmaceutical production, organization of pharmaceutical activities, research institutes and scientific-educational institutions.

PHARMACY PROGRAMME CURRICULUM MAP

Programme Learning Outcomes

A. Professional knowledge and understanding		B. Practical professional skills	
A1	Define the basic principles and concepts of modern natural science, global and local environmental issues, formulate the general provisions of mathematics.	B1	Carry out syntheses and structural studies of chemical compounds of different nature, predict the mechanisms of chemical conversions, their toxicological effects and ways of prevention.
A2	Present the chemical compounds (inorganic and organic) composition, properties, methods of analysis, their toxicological effects, as well as the safety instructions for working with these substances.	B2	Study the basics and achievements of modern biology, botany, biotechnology, biomedicine, as well as applied fields. Analyze the structural features of the organism and organ systems and the mechanisms of their regulation. Distinguish the main groups of bacteria and cover their role in nature and human life.
A3	Introduce the basics of physiology and anatomy, describe the main pathways of the body metabolism, as well as the causes of pathological processes and hereditary diseases and the latest examination methods.	B3	Work in pharmaceutics with information sources and constantly updated drugs, study their pharmacokinetic and pharmacogenetic features.
A4	Describe the pharmacological properties of drugs, the incompatibility and bioavailability of the application, present the issues of pharmacokinetics, pharmacodynamics, pharmacogenetics, biotechnology, etc.	B4	Organize and implement the collection of pharmaceutical raw materials, drugstore and industrial drug production, assess their quality at different stages of production, means of environmental protection and sanitary conditions of the production.
A5	Formulate the theoretical and experimental basics for the collection, procurement, processing, standardization and use of pharmaceutical raw materials, cover the theoretical basics of medicine production in pharmacies and factories and their technological rules and sanitary norms, assess their quality at different stages of production according to the requirements of normative documents.	B5	Carry out and organize pharmacy activities, analyze economic indicators, develop the financial plan and production programme and take measures to increase economic efficiency.
A6	Present the methods of pharmacopoeia analysis of drug synthesis, quality assessment and control norms and requirements.	B6	Cover the ways of obtaining the main classes of drugs, the modern requirements and approaches of pharmaceutical analysis, the structural features of drugs, predict their biological activity and role in pharmacology, carry out the quantitative and qualitative determination of active components.
A7	Define the principles and basics of management to undertake and organize pharmaceutical activities in different units of drug circulation, organize all the work of the pharmacy database and drug quality control laboratory by the application of new economic, social-psychological and organizational management methods.		

C. General (transferable) skills			
C1	Work in a team, prepare reports, summarize the research results, as well as actively participate in conferences, seminars and discussions.	C4	Preserve the norms of professional ethics during the implementation of various functions in the field of pharmaceuticals, be proactive and responsible while making decisions and implementing them, show humanity, strive for self-improvement, lead a healthy lifestyle and advocate it.
C2	Use various sources of information related to pharmaceuticals (internet, e-libraries, advertising materials, newsletters, scientific articles, reports), analyze new information, understand the data of modern medical literature and apply it in practice.	C5	Present consumers in an accessible way the main characteristics of the drugs and their belonging to a certain group in line with the requirements of international drug systems.
C3	Obtain professional information in native and any other foreign languages, as well as carry out professional communication.		

Educational module title	module number	Programme learning outcomes																							
		A1	A2	A3	A4	A5	A6	A7			B1	B2	B3	B4	B5	B6					C1	C2	C3	C4	C5
Armenian Language and Speech Culture	1401/B01	X																			X		X		
Main Issues of Armenian History	1106/B03																				X		X		
English/German/French-1	1602/B01 1604/B 1608/B31																						X		
English/German/French-2	1602/B01 1604/B 1608/B31																						X		
Russian-1	1704/B02																						X		
Russian-2	1704/B02																						X		
Introduction to IT Application	2301/B01												X								X	X			
Civil Defense and First Aid in Emergency Situations	0002/B01																				X				
Introduction to Ecology and Environmental Protection	0708/B01	X									X										X				
Applied Statistics and Working with Data	0105/B01																				X	X			
Basics of Philosophy	1302/B18																				X		X		
Basics of Law	1901/B01																				X				
Physical Education	0001/B																								
Introduction to Economics	1007/B20																				X				
Introduction to Business	1005/B24																				X				
Introduction to Political Science	1202/B23																				X				
Basics of Culturology	1107/B55																				X		X		
Basics of Religion Studies	2101/B01																				X				
Basics of Ethics	1302/B01																				X				

Basics of Sociology	2203/B22																		X					
Basics of Logics	1301/B02																		X		X			
Basics of Psychology	1306/B17																		X		X			
Modern Concepts of Natural Science	0604/B40	X																	X					
General and Inorganic Chemistry	0608/B15		X							X														
Biology	0611/B01			X						X														
Latin-1	1406/B01																				X	X		
Mathematics	0102/B01	X																						
Latin-2	1406/B02																				X	X		
Botany	0611/B02					X				X											X			
Human Anatomy	0706/B01			X						X											X			
Organic Chemistry-1	0603/B19		X							X										X	X			
Analytical Chemistry-1	0608/B04		X							X										X	X			
Normal Physiology	0706/B02			X						X											X			
Physics	0410/B01	X																						
Physical and Colloidal Chemistry	0604/B01	X	X							X										X				
Toxicological Chemistry-1	0610/B01		X	X						X										X	X			
Analytical Chemistry-2	0610/B02		X							X										X	X			
Bioorganic Chemistry	0610/B03		X							X										X				
Microbiology-1	0709/B01									X										X				
Pharmaceutical Chemistry-1	0610/B04					X											X			X				
Toxicological Chemistry -2	0610/B05		X	X						X										X	X			

Organic Chemistry-2	0610/B06		X							X								X				
Biochemistry-1	0709/B01			X						X								X				
Pharmacology- 1	0611/B03				X						X											X
Microbiology -2(Immunology, Virology)	0611/B04									X								X				
Biotechnology	0610/B07				X									X				X				
Pharmaceutical Chemistry -2	0610/B08					X								X				X				
Pharmaceutical Technology -1 (industrial)	0609/B01				X						X											X
Biochemistry-2	0611/B06			X						X								X				
Pharmacology-2	0611/B05				X						X											X
Pharmaceutical Chemistry -3	0610/B09					X								X				X				
Pharmaceutical Technology -2(pharmacy)	0609/B02				X						X											X
Bioethics	0611/B09																					X
Pathological Physiology	0611/B07			X							X							X				
General Hygiene	0611/B08				X						X											X
Drug production standardization and GMP system	0610/B10				X	X					X											X
Pharmaceutical Technology-3 (drug incompatibility)	0609/B03				X	X					X											X
Pharmacology Management and Economics -1	0609/B04						X					X										X
Pharmacognosy -1	0610/B11				X						X							X				
Pharmacology Management and Economics -2	0609/B05						X					X										X
Pharmacognosy -2	0610/B12				X						X							X				

YEREVAN STATE UNIVERSITY

Institute of Pharmacy

“Pharmacy”

COURSE DESCRIPTORS

0609/B05	2. Pharmacology Management and Economics-2	3. 5 ECTS credits
4.4 hours per week	5. lecture-2 hours, practical-2 hours	
6. 2nd term/spring semester	7. with final assessment	
8. Course objective is:		
<ul style="list-style-type: none"> to teach students the principles and ways of organizing pharmacy activities, pharmaceutical care and self-treatment management, effective drug use, drug information, drug quality assurance, and the fight against counterfeit drugs. 		
9. Upon completion of the course, the student will be able to:		
<p><i>a. Professional knowledge and understanding</i></p> <ol style="list-style-type: none"> present the general principles of organization and placement of the work of public pharmacies, the elements of proper pharmacy activities, the requirements of the public pharmacy, its main objectives, functions and classification, cover the effective use of drugs, ineffective prescriptions of drugs, formulary system, pharmaceutical committees, the concept of clinical pharmacology, describe the system of drug quality assurance and pharmaceutical inspection, drug collection, disposal processes and measures to combat counterfeit drugs. <p><i>b. Practical professional skills</i></p> <ol style="list-style-type: none"> carry out the organization of prescription acceptance, professional pharmaceutical expertise, drug preparation and intra-pharmacy quality control of drugs, carry out drug formation and release from the pharmacy, manage the self-treatment process, carry out quantitative accounting of drugs and pharmaceutical preparations in the pharmacy, organize the work of the hospital pharmacy. <p><i>c. General (transferable) skills (if there are such)</i></p> <ol style="list-style-type: none"> apply the obtained theoretical and practical knowledge in practice in the wholesale of drugs, analyze the existing problems and suggest ways to solve them. 		
10. The course forms the following learning outcome(s) for the <u>academic programme</u> :		
<p>A7. define the principles and basics of management to undertake and organize pharmaceutical activities in different units of drug circulation, organize all the work of the pharmacy database and drug quality control laboratory by the application of new economic, social-psychological and organizational management methods.</p> <p>B5. carry out and organize pharmacy activities, analyze economic indicators, develop the financial plan and production programme and take measures to increase economic efficiency,</p>		

C5. present consumers in an accessible way the main characteristics of the drugs and their belonging to a certain group in line with the requirements of international drug systems.
11. The following methods and techniques are used for teaching and learning: 1. lectures, 2. practical classes, 3. participation in discussions, 4. independent research, 5. group work.
12. Assessment methods and criteria: The 1 st midterm exam is in written form with a maximum score of 5 points. The exam ticket contains 3 questions with 1, 2, 2 points, respectively. The scoring step is 0.5. The 2 nd midterm exam is in written form with a maximum score of 5 points. The exam ticket contains 3 questions with 1, 2, 2 points, respectively. The scoring step is 0.5. The final exam is in oral form with a maximum score of 10 points. The exam ticket contains 4 questions with 2, 2, 3, 3 points, respectively. The scoring step is 0.5.
13. The course consists of the following main divisions: Retail sale of drugs. Public pharmacy. Proper pharmacy activities. Prescription acceptance and pharmaceutical expertise. Pharmacy manufacturing activities, release of drugs from the pharmacy, quantitative accounting of drugs and pharmaceutical preparations in the pharmacy. Effective use of drugs. Self-treatment concept, self-treatment process management. Hospital pharmacy. Formulary system. The concept of clinical pharmacology, features of drug information. Drug quality assurance system. Pharmaceutical Inspectorate. The issue of drug counterfeiting and similar crimes in the pharmaceutical market.
14. References: 1. Управление и экономика фармации. Под редакцией Е.Е.Лоскутовой. Москва. 2008 2. Экономика и организация фармации. Под редакцией И.В.Косовой. Москва. 2015 3. Управление и экономика фармации. Под редакцией В.Л.Багировой. Москва. 2004

1. 0611/B03	2. Pharmacology -1	3. 7 ECTS credits
4. 6 hours per week		5.lecture-2 hours, practical-2 hours, laboratory-2 hours
6. 1 st term, fall semester		1. with final assessment
8. Course objective is: <ul style="list-style-type: none"> to give students an idea of the basic provisions of pharmacology, contemporary approaches of pharmacokinetics and modern research methods, the effects of drugs affecting the autonomic and somatic nervous systems, as well as the classification and mechanisms of action of antihypertensive drugs stimulating the central nervous system. 		
9. Upon completion of the course, the student will be able to: <i>a. Professional knowledge and understanding</i> 1. define the features, objectives, contemporary issues and application methods of pharmacokinetics and pharmacodynamics, 2. orientate on the features of the drug effects stimulating the central nervous system, their application and side effects, 3. describe the advantages and disadvantages of antihypertensive drugs that have different		

<p>mechanisms of action.</p> <p><i>b. Practical professional skills</i></p> <ol style="list-style-type: none"> analyze and assess the features of the mechanisms of drug action affecting the level of almost all organ systems, as well as fields of their application.
<p>10. The course forms the following learning outcome(s) for the <u>academic programme</u>:</p> <p>A4. describe the pharmacological properties of drugs, the incompatibility and bioavailability of the application, present the issues of pharmacokinetics, pharmacodynamics, pharmacogenetics, biotechnology, etc.,</p> <p>B3. work in pharmaceutics with information sources and constantly updated drugs, study their pharmacokinetic and pharmacogenetic features,</p> <p>C5. present consumers in an accessible way the main characteristics of the drugs and their belonging to a certain group in line with the requirements of international drug systems.</p>
<p>11. The following methods and techniques are used for teaching and learning:</p> <ol style="list-style-type: none"> lectures, practical classes, laboratory work.
<p>12. Assessment methods and criteria:</p> <p>The 1st midterm exam with a maximum score of 5 points (the exam ticket contains 5 questions, 1 point for each. The scoring step is 0.5).</p> <p>The 2nd midterm exam with a maximum score of 5 points (the exam ticket contains 5 questions, 1 point for each. The scoring step is 0.5).</p> <p>Final oral exam with a maximum score of 10 points (the exam ticket contains 5 questions, 2 points for each. The scoring step is 0.5).</p>
<p>13. The course consists of the following main divisions:</p> <p>Ways of drugs import and export. Drug distribution factors, local and resorptive effects. Membrane receptors and ion channels. Secondary cell mediators and signaling molecules. Cell membrane active and passive transport. Biotransformation of drugs: role of the cytochrome P₄₅₀ catalytic cycle. Drugs side effects. Allergy, anaphylaxis, pharmacokinetics, drug dependence. Pharmacogenetic factors and age characteristics for the development of side effects. Drugs affecting the autonomic and somatic nervous systems. Stimulating and inhibiting cholinergic receptors M- and N-. Classification of adreno- and dopamine receptors: classification of adrenostimulators and adrenoblockers, properties and application. Classification of antihypertensive drugs and mechanisms of action. Anti-angiotensin, central and peripheral antiadrenergic drugs, Ca²⁺ - antagonists, direct vasodilators.</p>
<p>14. References:</p> <ol style="list-style-type: none"> Харкевич Д.А. Фармакология, 2010. 908 стр. Клиническая фармакология по Гудману и Гилману, 2006, 1648 стр. Joghi S., Gowder T., Pharmacology and Therapeutics, 2014, 356 pages. Gallelli L, Pharmacology, 2012, 732 pages. Ritter J.M, Lewis L.D., Mant T.G.K., Ferro A. A Textbook of Clinical Pharmacology and Therapeutics, 2008, 460 pages.

YEREVAN STATE UNIVERSITY

Institute of Pharmacy

“Pharmacy”

PROGRAMME SPECIFICATION

1. Programme title and code	Pharmacy 091601.01.7
2. Institution	Yerevan State University (YSU)
3. Accreditation details	–
4. Qualification awarded	Master's degree in Pharmacy
5. Programme start academic year	2017/2018
6. Language of study	Armenian
7. Mode of study	Full-time

8. Admission criteria/requirements

The applicant of the programme must have:

- a Bachelor's diploma in Pharmacology, Pharmaceutical Chemistry and the related specialties,
- admission in the same specialty is carried out without exams, and applicants with related professions take final exam of Bachelor's degree in the relevant specialty.

9. Programme objectives

The programme aims to:

- develop students' professional knowledge of the principles and methods of management and marketing for pharmaceutical companies in accordance with contemporary international requirements and the issues of entrepreneurial activities in the competitive field of the pharmaceutical market,
- provide in-depth and comprehensive knowledge in the field of pharmaceutical industry, in particular, quality assurance, marketing, post-marketing observations, clinical trials, contemporary rational-targeted therapy in clinical pharmacology,
- provide students with professional skills for the synthesis of drugs, research and certification of the structure, study of the mechanisms of action, as well as

research activities to obtain new drugs from pharmaceutical preparations.

10. Programme learning outcomes

A. Professional knowledge and understanding

Upon completion of the programme, the student will be able to:

- A1. Describe the peculiarities of drug preparation (pharmacy and industrial) and GMP requirements for individual classes of pharmaceutical products according to the technological schemes and equipment for manufacturing, modern requirements, and approaches for the production of various pharmaceutical products, as well as manufacturing and preparation of medical cosmetics,
- A2. Present the methodological features and principles of modern analytical equipment used for qualitative and quantitative research of drugs and pharmaceutical products,
- A3. Cover modern clinical pharmacology and contemporary methodology of evidence-based medicine, its issues and development models, requirements and approaches of international classification of drugs, dependence of drug effect upon genetic polymorphism,
- A4. Present the pricing environment of the pharmaceutical market, the principles of pharmaceutical pricing, the aspects of competition in the pharmaceutical market, methods and laws of pharmacoeconomics and carry out document formulations,
- A5. Obtain professional information from foreign language sources, conduct professional communication, as well as read and translate texts.

B. Practical professional skills

Upon completion of the programme, the student will be able to:

- B1. Analyze and ground the effectiveness of different classes of drugs in rational therapy, the issues of drug and its dosage selection according to the polymorphic variants of the patient's genes based on the ideas of modern medicine, targeted therapy and biomarkers,
- B2. Carry out quantitative and qualitative analysis of pharmaceutical preparations and biologically active and support materials in line with modern requirements,
- B3. Analyze and understand the advantages and disadvantages of the technologies of materials used in the production of drugs and medical cosmetology,
- B4. Analyze and understand the peculiarities of wholesale and retail sale of drugs, be able to assess the existing pharmaceutical markets, make predictions, planning and monitoring of the pharmaceutical market,
- B5. Use various sources of information related to pharmacology and medicine (Internet, e-libraries, advertising materials, newsletters, scientific articles, reports), carry out a comprehensive analysis of the obtained results and determine the results stemming from them, analyze and understand the data of modern medical literature and apply them in practice.

C. General (transferable) skills

Upon completion of the programme, the student will be able to:

- C1. Analyze the existing problems in the pharmaceuticals and assess the possibilities and the necessary resources for their solution,
- C2. Analyze and assess the relevance of specialty development issues and priorities in line with the requirements of international systems of drugs,
- C3. Develop, analyze and present the results of research and scientific-practical activities through articles and reports, as well as actively participate in conferences, seminars and discussions.

11. Programme curriculum

Attached

12. Curriculum map

Attached

13. Assessment modes

- Final exams,
- Final tests,
- Master thesis defense.

14. Alumni future career opportunities

Graduates of the “Pharmacy” master's programme can be employed in the institutions of pharmaceuticals and specialty related fields, holding the following positions:

Public and hospital drugstores

- pharmacist

Medical institutions

- clinical pharmacist

Pharmaceutical companies

- qualified person,
- pharmacist-technologist

Department of Drug Policy and Medical Technologies of the RA Ministry of Health

- chief specialist,
- leading specialist,
- specialist

Health Inspectorate

- pharmacist-inspector

Expertise centres

- quality control and evaluation expert,
- expert

Pharmaceutical wholesale organizations

- responsible pharmacist,
- pharmaceutical marketing specialist

Armenian representatives of foreign pharmaceutical manufacturers

- pharmacist-representative,
- drug promotion specialist

Research institutions

- researcher

Educational institutions

- lecturer

Graduates of the programme can continue their postgraduate studies at the postgraduate courses of the chairs of the YSU Institute of Pharmacy, as well as at the postgraduate courses of different specialized institutions of YSMU and NAS of the Republic of Armenia.

15. Resources and forms to support learning

The following support resources are used in the learning process:

- Academic laboratories (drugstore and industrial technology, pharmacology, pharmacopoeia analysis, pharmaceutical chemistry and so forth) equipped with modern pharmacy and analytical equipment and cabinets,
- Classrooms equipped with computers, distance learning and online lectures,
- Electronic resources.

16. Educational standards or programme benchmarks used for programme development

- A state educational standard in the specialty “Pharmacology”
- Master's programme in Pharmacy of Yerevan State Medical University after M. Heratsi, Faculty of Pharmacology
- Master's programme in Pharmacy of “Charles University”, Faculty of Pharmacy, Prague, Czech Republic
- Integrated master's programme in Pharmacy of the University of Novi Sad, Faculty of Pharmacy, Serbia
- Master's programme in Pharmacy of the University of Copenhagen, Faculty of Pharmacy
- Integrated programme in Pharmacy of Belgorod State National Research University, Faculty of Pharmacology, the Russian Federation
- Master's programme in Pharmacy of Pyatigorsk State Pharmaceutical Academy, Faculty of Pharmacology, the Russian Federation
- Integrated programme in Pharmacy of I.M. Sechenov Moscow State Medical University, Institute of Pharmacy, the Russian Federation

17. Additional information about the programme

In 2012, the Ministry of Health of the Republic of Armenia granted a license (K-BK-

000055) for the implementation of higher education (specialized) programmes (0405) in the specialty of Pharmacy, which in 2014 was relicensed by the Ministry of Education and Science of the Republic of Armenia.

18. Requirements for the academic staff

1. General skills

Teaching/pedagogical

- Full mastery of professional pedagogical knowledge and skills (according to the approved subject programme), understanding of the conceptual basis of the subject, creative, innovative approach to the delivered material and application of interactive methods,
- Skills to communicate with students, development of their professional creative and analytical thinking and autonomy, awareness of the role of the profession,
- Skills to develop subject programmes and additional supporting materials, and responsibility to implement them according to the educational process schedule.

Research

- Skills to carry out research in pharmacy and the related fields (published articles, reports at international conferences, grants),
- Skills to develop and implement scientific projects, regulations in the professional field,
- Establishment of scientific cooperation with local and international research groups, skills to implement joint scientific projects,
- Knowledge of research methods, collection and analysis of information on scientific innovations, prediction of research results and topicality, application of the obtained results in the educational process, the involvement of students in research activities,
- Skills to supervise graduation papers, master theses, student research papers, dissertations in pharmacy and the related fields.

Communication

- Excellent knowledge of the Armenian language, clear oral and written speech, mastery of at least one foreign language (according to English A2 or B1 level),
- Abilities to work in a team, decision-making skills, necessary knowledge to develop projects, programmes, ability to make appropriate decisions in different communication situations.

ICT application

- Skills to use various sources of information related to the pharmaceutical industry (Internet, e-libraries, scientific articles), ability to apply them in scientific work and courses,
- Comprehensive use of ICT to conduct scientific research and create new knowledge.

Other skills

- Possessing ethical norms, showing humanity, striving for self-improvement, preserving national culture and universal values,
- Skills to evaluate the necessary resources and implement programmes effectively,
- Skills to plan and manage time resources.

2. Professional skills

- Awareness of pharmacy contemporary issues, achievements, latest approaches, programmes introduced in the fields of healthcare and education,
- Awareness of the laws regulating the field of pharmacy, its development strategies, documents and standards,
- Cooperation with the academic staff of “Pharmacy” and specialty related subdivisions of foreign universities (joint scientific articles, educational manuals, textbooks),
- Generating new ideas and thoughts in the field of pharmacy aimed at carrying out research activities and introduce them, as well as establish new collaborations,
- Knowledge of methods used in the field of professional activities, skills of using modern equipment and tools, analyzing the obtained information, as well as drawing conclusions and making interpretations,

3. General requirements

Academic degree

- Availability of an academic degree in pharmacology or the related fields (Ph.D., Doctor of Sciences and so forth) or, in case of absence of teaching experience, at least 3 years of practical work experience in the fields of pharmaceutical production, organization of pharmaceutical activities.

Pedagogical experience

- At least 3 years of pedagogical experience,
- Participation in local or international trainings and/or professional qualification enhancement courses during the last 5 years.

Practical work experience

- At least 3 years of practical work experience in the fields of pharmaceutical production, organization of pharmaceutical activities, research institutes and scientific-educational institutions.

PHARMACY PROGRAMME CURRICULUM MAP

Programme Learning Outcomes

A. Professional Knowledge and Understanding		B. Practical professional skills	
A1	Describe the peculiarities of drug preparation (pharmacy and industrial) and GMP requirements for individual classes of pharmaceutical products according to the technological schemes and equipment for manufacturing, modern requirements, and approaches for the production of various pharmaceutical products, as well as manufacturing and preparation of medical cosmetics.	B1	Analyze and ground the effectiveness of different classes of drugs in rational therapy, the issues of drug and its dosage selection according to the polymorphic variants of the patient's genes based on the ideas of modern medicine, targeted therapy and biomarkers.
A2	Present the methodological features and principles of modern analytical equipment used for qualitative and quantitative research of drugs and pharmaceutical products.	B2	Carry out quantitative and qualitative analysis of pharmaceutical preparations and biologically active and support materials in line with modern requirements.
A3	Cover modern clinical pharmacology and contemporary methodology of evidence-based medicine, its issues and development models, requirements and approaches of international classification of drugs, dependence of drug effect upon genetic polymorphism.	B3	Analyze and understand the advantages and disadvantages of the technologies of materials used in the production of drugs and medical cosmetology.
A4	Present the pricing environment of the pharmaceutical market, the principles of pharmaceutical pricing, the aspects of competition in the pharmaceutical market, methods and laws of pharmacoconomics and carry out document formulations.	B4	Analyze and understand the peculiarities of wholesale and retail sale of drugs, be able to assess the existing pharmaceutical markets, make predictions, planning and monitoring of the pharmaceutical market.
A5	Obtain professional information from foreign language sources, conduct professional communication, as well as read and translate texts.	B5	Use various sources of information related to pharmacology and medicine (Internet, e-libraries, advertising materials, newsletters, scientific articles, reports), carry out a comprehensive analysis of the obtained results and determine the results stemming from them, analyze and understand the data of modern medical literature and apply them in practice.
C. General (transferable) skills			
C1	Analyze the existing problems in the pharmaceuticals and assess the		

YEREVAN STATE UNIVERSITY

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COURSE DESCRIPTORS

1. 0610/M02	2. Methods of drug structure analysis	3. 4 ECTS credits
4. 8 hours per week	5. lecture-4 hours, practical-4 hours	
6. 1 st term, 8-week fall semester	7. final exam only	
8. Course objective is: <ul style="list-style-type: none"> to introduce students to the working and methodological principles of modern analytical equipment used for the study and identification of drug structure. 		
9. Upon completion of the course, the student will be able to: <p><i>a. Professional knowledge and understanding</i></p> <ol style="list-style-type: none"> describe the working principles and functional differences of modern analytical equipment, recognize the methods and equipment used for the study and identification of drug structure, carry out a comprehensive analysis of the obtained results using the required physical quantities and other necessary parameters. <p><i>b. Practical professional skills</i></p> <ol style="list-style-type: none"> carry out the identification of drugs and other biologically active compounds, the study of the structure using modern analytical equipment, carry out a comprehensive analysis of the obtained research results. <p><i>c. General (transferable) skills</i></p> <ol style="list-style-type: none"> apply the acquired theoretical knowledge in the process of research and production of biologically active compounds, analyze facts and make deductions. 		
10. The course forms the following learning outcome(s) for the <u>academic programme</u> : <p>A2. Present the methodological features and principles of modern analytical equipment used for qualitative and quantitative research of drugs and pharmaceutical products.</p> <p>B2. Carry out quantitative and qualitative analysis of pharmaceutical preparations and biologically active and support materials in line with modern requirements.</p> <p>C3. Develop, analyze and present the results of research and scientific-practical activities through articles and reports, as well as actively participate in conferences, seminars and discussions.</p>		
11. The following methods and techniques are used for teaching and learning: <ol style="list-style-type: none"> lectures, observation materials, independent lab experiments 		
12. Assessment methods and criteria:		

Final oral exam with a maximum score of 20 points (the exam ticket contains 5 questions, 4 points for each. The scoring step is 0.5).

13. The course consists of the following main divisions:

Quality management of drugs, standardization, GMP. Solid phase extraction, chromatography. Low and high pressure liquid chromatography. Ways to increase the efficiency of the division of target materials. Retention period. Selectivity. Chromatographic tower efficiency. Peak density. Peak asymmetry. Polarity. Polar and nonpolar solvents and adsorbents. RP (Reversed Phase) Chromatography. Isocratic and gradient elution. Basics of qualitative analysis. Methods for identifying compounds. False positive and false negative results of identification. Basics of quantitative analysis. Calibration, adjustment. Methods of internal and external standards. Chromatographic method validation. Mass spectrometry. Ionization. Double-focusing. Quadrupole ion trap. Physicochemical bases of IR spectroscopy. Structure of atomic and molecular spectra. Rotary and oscillating spectra. Oscillations of polyatomic molecules. The use of IR spectroscopy for drug identification. UV-spectroscopy method and its application in organic and physical chemistry. Theoretical bases of electronic spectroscopy. Classification of molecular orbitals and electronic transitions. Chromophores. The use of UV spectroscopy. Polarimetry. Determination of melting point and distillation limit temperatures. Application during drug identification. Theoretical bases of MMR spectroscopy. Ion chromatography. Inductively coupled plasma optical emission spectroscopy. Validation of analytical methods.

14. References:

1. К.С. Сычев. «Практический курс жидкостной хроматографии». КОКОРО, 2013, 272 с.
2. А.П. Арзамасцева. «Руководства к лабораторным занятиям по фармацевтической химии». Москва, 2001, 369 с.
3. А. В. Васильев, Е. В. Гриненко, А. О. Щукин, Т. Г. Федулina «Инфракрасная спектроскопия органических и природных соединений». Санкт-Петербург, 2007, 20 с.
4. Е.Н. Шаповалова, А.В. Пирогов. «Хроматографические методы анализа». Москва, 2007, 109 с.
5. И.Э.Нифантьев, П.В.Ивченко. «Практический курс спектроскопии ядерного магнитного резонанса». Методическая разработка. Москва, 2006, 200 с.
6. Л.С.Якимова. «Метод уф-спектроскопии и его применение в органической и физической химии». Учебно-методическое пособие. Казань, 2015, 19 с.

1. 611/M03	2. Clinical pharmacology -2	3. 4 credits
4. 8 hours per week	5. lecture- 4 hours, laboratory - 4 hours	
6. 2nd term, 8-week fall session	7. final exam only	
8. Course objective is:		
<ul style="list-style-type: none"> • to introduce to students the most important issues in medicine and practical healthcare, the modern classification and mechanisms of action of different pharmacological groups used in the therapy of diseases, the basics and targets of chemotherapy. 		
9. Upon completion of the course, the student will be able to:		
<i>a. Professional knowledge and understanding</i>		
1. describe the mechanisms of action of the most widely used drug groups for common non-communicable diseases, such as hypertension and ischemic heart disease,		
2. define the advantages of the new generation of drugs, which are used for different purposes and have significantly different effects,		

<p>3. orientate on the issues of rational pharmacotherapy of various diseases, such as heart failure, bronchial asthma, diabetes, dyslipidemias, gastric and duodenal ulcers and other diseases.</p> <p><i>b. Practical professional skills</i></p> <p>4. analyse the development mechanisms and causes of the influence and microbial resistance of different groups of antibiotics,</p> <p>5. analyze and ground the effectiveness of different classes of drugs in rational therapy, based on modern personalized medicine, targeted therapy and biomarker ideas,</p> <p><i>c. Gener/transferable skills</i></p> <p>6. analyze and assess the relevance and urgency of development issues of priorities in clinical pharmacology in the field of modern medicine.</p>
<p>10. The course forms the following learning outcome(s) for the <u>academic programme</u>:</p> <p>A3. Cover modern clinical pharmacology and contemporary methodology of evidence-based medicine, its issues and development models, requirements and approaches of international classification of drugs, dependence of drug effect upon genetic polymorphism.</p> <p>B1. Analyze and ground the effectiveness of different classes of drugs in rational therapy, the issues of drug and its dosage selection according to the polymorphic variants of the patient's genes based on the ideas of modern medicine, targeted therapy and biomarkers.</p> <p>C2. Analyze and assess the relevance of specialty development issues and priorities in line with the requirements of international systems of drugs.</p>
<p>11. The following methods and techniques are used for teaching and learning:</p> <ol style="list-style-type: none"> 1. lectures, 2. observation materials, 3. independent lab experiments
<p>12. Assessment methods and criteria:</p> <p>Final oral exam with a maximum score of 20 points (the exam ticket contains 5 questions, 4 points for each. The scoring step is 0.5).</p>
<p>13. The course consists of the following main divisions:</p> <p>Rational pharmacotherapy in ischemic heart disease. Classification of antianginal and antihypertensive drugs according to the mechanisms of action. Modern classification and mechanisms of action of hypolipidemic, antithrombotic, anticoagulant, thrombolytic and fibrinolytic drugs. Rational pharmacotherapy in congestive heart failure, such as the systolic and diastolic effects of cardiac glycosides of the digitalis series, membrane and intracellular mechanisms of action. Factors causing type 1 and type 2 diabetes mellitus, modern classification and mechanisms of action of antidiabetic drugs. Action targets and effects of corticosteroids and nonsteroidal anti-inflammatory drugs. Modern achievements in the treatment of bronchial asthma. Clinical pharmacology of antihistamines and antiallergic drugs. CNS stimulants. Methylxanthines: Peculiarities of the effects of amphetamines and cocaine. Effects of hallucinogenic LSD-25: Mechanisms of action of narcotic analgesics. Endogenous opioid system: endorphins, enkephalins, dinorphins. Opioid receptors. Opiate drug addiction: mental and physical dependence. Targets of bacteriostatic action of sulfanilamides. Folic acid synthesis inhibitors: dihydroproteate synthetase and dihydrofolate reductase inhibitors. Mechanisms for the development of membrane action and microbial resistance of natural and semisynthetic penicillins. Mechanisms of action of cephalosporins and aminoglycosides, application and side effects. Antibiotic allergy. Mechanisms for developing antibiotic resistance. Clinical pharmacology of cytostatic agents. Cyclosporine and nonspecific anticancer drugs with direct and indirect effects. Cytostatics inhibiting DNA synthesis: alkylating agents, antimetabolites of folic acid, Antagonists of purine and pyrimidine. Anticancer natural compounds. Hormones and their antagonists.</p>

14. References:

1. Клиническая фармакология по Гудману и Гилману, 2006.
2. Ritter J.M, Lewis L.D., Mant T.G.K., Ferro A. A Textbook of Clinical Pharmacology and Therapeutics, 2008.
3. Gallelli L, Pharmacology, 2012.
4. Joghi S., Gowder T., Pharmacology and Therapeutics, 2014
5. Bertram Katzung (*ed.*) “Basic and Clinical Pharmacology”, 14th Edition (LANGE Basic Science), 2018.

ANNEX 4.1.

The number of YSU students according to the academic programmes and forms of study in 2015 - 2019

			2015	2016	2017	2018	2019
Bachelor's degree	Full-time	Applicants	3568	3318	2791	1659	3404
		Admitted students	3060	2988	2602	1510	2899
	Part-time	Applicants	522	460	379	260	430
		Admitted students	437	386	293	177	298
Master's degree	Full-time	Applicants	810	1576	1384	1318	1357
		Admitted students	632	1119	1111	1055	1089
	Part-time	Applicants	264	404	311	264	280
		Admitted students	185	272	219	207	232
Doctoral degree	Full-time	Applicants	48	50	28	40	48
		Admitted students	37	36	23	37	41
	Part-time	Applicants	70	99	76	46	53
		Admitted students	63	85	66	41	40

ANNEX 4.2.

The number of the YSU foreign applicants and its correlation with the total number of the admitted students in the last 5 years

		2015	2016	2017	2018	2019
Preparatory	Applicants	32	25	24	14	18
	Admitted students	32	25	24	14	18
Bachelor's degree	Applicants	72	67	43	43	60
	Admitted students	56	51	35	39	42
Master's degree	Applicants	43	20	15	23	25
	Admitted students	38	18	13	20	21
Doctoral degree	Applicants	19	9	3	5	10
	Admitted students	15	5	2	4	8
Total	Applicants	166	111	95	85	113
	Admitted students	141	99	74	77	89
Correlation of foreign applicants with the total number of the admitted students		1,1	1,1	1,2	1,1	1,3

Indexes on students' inflow in 2015-2019

	Institution/country	2015	2016	2017	2018	2019
1	Artsakh State University		2	1	1	
2	Armenian National Agrarian University		1	2	2	
3	The Armenian State Pedagogical University after Kh. Abovyan		2		1	
4	Russian-Armenian (Slavonic) University	1		2	3	1
5	Sofia University "St. Kliment Ohridski"	1		1		
6	Brusov State University		1			1
7	Vanadzor State University after H. Tumanyan		1			2
8	Yerevan State Medical University after Mkhitar Heratsi	3	5	9	10	6
9	Crisis Management State Academy	1				
10	National University of Architecture and Construction of Armenia		1			
11	Gevorkian Theological Seminary at the Mother See of Holy Etchmiadzin		1	1	1	3
12	Moscow Higher School of Economics National Research University		1			
13	European Regional Educational Academy	2				
14	Gavar State University					2
15	Shirak State University after M. Nalbandyan			1	1	
16	Goris State University			2	1	
17	State Academy of Fine Arts of Armenia			1		
18	Yerevan State Institute of Theatre and Cinematography				1	
19	Yerevan State University Ijevan Branch			1		1
20	Yerevan Mesrop Mashtots University					1
21	The American University of Armenia					1
22	National Polytechnic University of Armenia			1	3	2
23	Armenian State University of Economics				1	
24	Armenian State Institute of Physical Culture and Sport					1
25	French University in Armenia			1	2	
26	Military University after V. Sargsyan MoD RA					1
27	M.V. Lomonosov Moscow State University, Yerevan branch					2
28	Higher School of Economics National Research University of the RF, St. Petersburg branch				1	
29	Ulyanovsk Civil Aviation Institute					1
30	National Research Tomsk State University				1	

	Total	8	15	23	29	27
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ANNEX 4.4.

Indexes on students' outflow in 2014-2019

	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Students' outflow	4	3	4	4	4
Total					19

ANNEX 4.5.

Indexes on students' dismissal¹ and reinstatement in 2014-2019

Full-time	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
The rate/number of dismissed students	7.5 % 764/122	8.8 % 752/223	9.3 % 798/215	9.1 % 678/177	12.1 % 958/132
The rate/number of reinstated students	5,6 % 662	7.0 % 777	6.9 % 750	7.2 % 677	5.9 % 534

Part-time	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
The rate/number of dismissed students	9.0 % 227/64	12.0 % 280/88	14.7 % 304/65	11.2 % 206/54	10.2% 185/37
The rate/number of reinstated students	6,8 % 220	9.0 % 276	9.4 % 237	13.3 % 309	11.2 % 243

ANNEX 4.6.

Graduate employment rates in 2015 -2019 (in numbers)

Employment / ongoing education	2015 p.	2016 p.	2017 p.	2018 p.	2019 p.
Immediately after graduation	2075	3362	688	1762	518
Prior to graduation	1154	1625	669	2086	556

¹ Dismissed upon his own request, joined the National Army, transferred to other HEI and so forth.

ANNEX 5.1.

The modular course structure for the YSU teaching staff qualification enhancement program
(2016-2019)

N	Educational modules
1.	General training
1.1.	<i>Academic English</i>
1.2.	<i>Information and Communication Technologies (ICT)</i>
1.2.1.	<i>Elective courses</i>
2.	Pedagogical and psychological training
2.1.	<i>Basics of teaching, learning and assessment</i>
2.2.	<i>Elective Courses</i>
3.	Professional training
3.1.	<i>Contemporary issues of the profession</i>
3.2.	<i>Elective courses</i>
4.	General elective courses
4.1.	Online teaching technologies
5.	Other ways of qualification enhancement (Training, internship, summer school, etc.)

ANNEX 5.2.

The updated modular course structure for the YSU teaching staff qualification enhancement program
(2019-2021)

N	Educational modules
1.	General training
1.1.	<i>Academic English</i>
1.2.	<i>Information and Communication Technologies (ICT)</i>
1.2.1.	<i>Elective courses</i>
1.2.1.1.	<i>Online teaching technologies</i>
1.3.	Innovative teaching methods
1.3.1.	<i>Technology Enhanced Collaborative Learning</i>
1.3.2.	<i>ICT-enhanced teaching: M-learning & gamification</i>
1.3.3.	<i>Video Lecturing & Promoting Interaction in the Classroom</i>
1.3.4.	<i>Active Learning in the Flipped Classroom</i>
1.3.5.	<i>Hybrid/Blended Teaching & Learning</i>
2.	Pedagogical and psychological training
2.1.	<i>Basics of teaching, learning and assessment</i>
2.2.	<i>Elective courses</i>
3.	Professional training

3.1.	<i>Contemporary issues of the profession</i>
3.2.	<i>Elective courses</i>
4.	General elective courses
5.	Other ways of qualification enhancement (Training, internship, summer school, etc.)
6.	Teaching in leading overseas universities

List of YSU publications in peer-reviewed professional journals

List of publications in CIS countries peer-reviewed professional journals					
N	Scientific Journal (country of publication)	Rating	2016/17	2017/18	2018/19
1	21st CENTURY (Armenia)	Supreme Certifying Committee	2	2	
2	21-րդ դար (Armenia)	Supreme Certifying Committee	8	5	3
3	Algebra and Logic (Russian Federation)	Journal Influence Ranking	1		
4	Analysis Mathematica (Russian Federation)	Journal Influence Ranking		1	
5	Applied Biochemistry and Microbiology (Russian Federation)	Journal Influence Ranking		1	
6	Armenian Folia Anglistika (Armenia)	Supreme Certifying Committee	17	9	12
7	Armenian Journal of Mathematics (Armenia)	Web of Science	1	4	
8	Armenian Journal of Physics (Armenia)	Supreme Certifying Committee	5	6	18
9	Armenian Journal of Political Science (ARMENIA)	Supreme Certifying Committee	1	1	
10	Astrophysics (Armenia)	Journal Influence Ranking		1	
11	Automation and Remote Control (Russian Federation)	Journal Influence Ranking		1	
12	Biological Journal of Armenia (Armenia)	Supreme Certifying Committee	8	12	5
13	Buletinul Academiei de Stiinte a Republicii Moldova. Matematica (Moldova)	Scopus	1		
14	Bulletin of National Agrarian University of Armenia (Armenia)	Supreme Certifying Committee	1	2	2
15	Chemical Journal of Armenia (Armenia)	Supreme Certifying Committee	1	2	1
16	CONTEMPORARY EURASIA (Armenia)	Supreme Certifying			1

		Committee			
17	Crystallography Reports (Russian Federation)	Journal Influence Ranking	1		
18	Electronic journal of natural sciences (Armenia)	Supreme Certifying Committee	3	2	
19	EURASIAN JOURNAL OF ECOLOGY (Kazakhstan)	Reviewed journal			1
20	Foreign Languages for Special Purposes (Armenia)	Supreme Certifying Committee	7	3	3
21	Foreign Languages in Higher Education (Armenia)	Supreme Certifying Committee	1		1
22	Forum for Anthropology and Culture (Russian Federation)	Reviewed journal		1	
23	Gravitation & Cosmology (Russian Federation)	Journal Influence Ranking			1
24	IZVESTIYA MATHEMATICS (Russian Federation)	Journal Influence Ranking	1		1
25	Journal of Advanced Research in Law and Economics (Russian Federation)	Scopus		1	
26	Journal of Applied Spectroscopy (Belarus)	Journal Influence Ranking	2		
27	Journal of Armenian studies (Armenia)	Supreme Certifying Committee			1
28	Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) (USA)	Journal Influence Ranking	4	5	5
29	Journal of Contemporary Physics (Armenian Academy of Sciences) (Armenia)	Journal Influence Ranking	13	12	12
30	Journal of Experimental and Theoretical Physics (Russian Federation)	Journal Influence Ranking	1		1
31	Language and Literature in the Contemporary Paradigm of Scientific Knowledge (Armenia)	Supreme Certifying Committee	2		
32	Lobachevskii Journal of Mathematics (Russian Federation)	Scopus			3
33	MATHEMATICAL NOTES (Russian Federation)	Journal Influence Ranking			2
34	Mathematical Problems of Computer Science (Armenia)	Supreme Certifying Committee		2	
35	MECHANICS OF SOLIDS (Russian Federation)	Journal			1

	Federation)	Influence Ranking			
36	Mendeleev Communications (Russian Federation)	Journal Influence Ranking		1	1
37	Neuroscience and Behavioral Physiology (Russian Federation)	Scopus	1		
38	Optics and Spectroscopy (Russian Federation)	Journal Influence Ranking	2	2	
39	Physics of Atomic Nuclei (Russian Federation)	Journal Influence Ranking	7		5
40	Physics of Particles and Nuclei (Russian Federation)	Journal Influence Ranking		1	1
41	Physics of Particles and Nuclei Letters (Russian Federation)	Scopus	2		
42	Physics of the Solid State (Russian Federation)	Journal Influence Ranking		1	
43	PROCEEDINGS OF ENGINEERING ACADEMY OF ARMENIA (Armenia)	Supreme Certifying Committee	4	1	
44	Proceedings of NAS RA - Mechanics (Armenia)	Supreme Certifying Committee	1		
45	Proceedings of the National Academy of Sciences of Belarus. Biological Series (Belarus)	Reviewed journal			1
46	Proceedings of the Steklov Institute of Mathematics (Russian Federation)	Journal Influence Ranking			1
47	Proceedings of the YSU. Chemistry and Biology (Armenia)	Supreme Certifying Committee	19	21	28
48	Proceedings of the YSU. Physical and Mathematical Sciences (Armenia)	Supreme Certifying Committee	23	16	11
49	Psychology in Russia: State of the Art (Russian Federation)	Scopus			1
50	Reports of NAS RA (Armenia)	Supreme Certifying Committee		2	2
51	Revista Institutului National al Justitiei (The Journal of the National Institute of Justice) (Moldova)	Reviewed journal			3
52	Russian Journal of Bioorganic Chemistry (Russian Federation)	Journal Influence Ranking	1		
53	Russian Journal of General Chemistry (Russian Federation)	Journal Influence			1

		Ranking			
54	Russian Journal of Herpetology (Russian Federation)	Journal Influence Ranking			1
55	Russian Journal of Inorganic Chemistry (Russian Federation)	Journal Influence Ranking		1	1
56	Russian Journal of Organic Chemistry (Russian Federation)	Journal Influence Ranking	4	3	5
57	Russian Journal of Physical Chemistry A (Russian Federation)	Journal Influence Ranking		1	2
58	Russian Meteorology and Hydrology (Russian Federation)	Journal Influence Ranking		1	
59	SBORNIK MATHEMATICS (Russian Federation)	Journal Influence Ranking		1	1
60	Siberian Mathematical Journal (Russian Federation)	Journal Influence Ranking	1		
61	The New Armenian Medical journal (Armenia)	Scopus		2	
62	Tractus aevorum: эволюция социокультурных и политических пространств (Russian Federation)	Reviewed journal			1
63	Wisdom (Armenia)	Scopus	5		2
64	ПРАΞΗΜΑ. Проблемы визуальной семиотики (Прахеμα) (Russian Federation)	Scopus	3	2	1
65	АВИАКОСМИЧЕСКАЯ И ЭКОЛОГИЧЕСКАЯ МЕДИЦИНА (Russian Federation)	Scopus			1
66	Актуальная психология (Armenia)	Supreme Certifying Committee			1
67	Актуальные проблемы теории и истории искусства. (Russian Federation)	Scopus	3	3	
68	АНТРОПОЛОГИЧЕСКИЙ ФОРУМ (Forum for Anthropology and Culture) (Russian Federation)	Web of Science		1	
69	АСИММЕТРИЯ (Russian Federation)	Reviewed journal		1	1
70	Астрофизика (Astrophysics) (Armenia)	Journal Influence Ranking	4	5	3
71	Биологический журнал Армении (Armenia)	Supreme Certifying Committee	2	8	4
72	Биомедицинская	Web of	1		2

	радиоэлектроника (Russian Federation)	Science			
73	Биофизика (Biophysics) (Russian Federation)	Scopus	1	1	
74	Век информации (Russian Federation)	Reviewed journal			1
75	Вестник Башкирского государственного медицинского университета (Russian Federation)	Reviewed journal		1	
76	Вестник Владимирского государственного университета имени Александра Григорьевича и Николая Григорьевича Столетовых. Серия: Социальные и гуманитарные науки (Russian Federation)	Reviewed journal		2	
77	ВЕСТНИК Воронежского государственного университета. Серия: География. Геоэкология (Russian Federation)	Web of Science		1	
78	Вестник ГИУА. Металлургия, материаловедение, недропользование (Armenia)	Supreme Certifying Committee			1
79	Вестник ГИУА. Механика, Машиноведение, Машиностроение (Armenia)	Supreme Certifying Committee			1
80	Вестник древней истории (Russian Federation)	Scopus	1	1	
81	Вестник Евразийского национального университета имени Л.Н. Гумилева (Russian Federation)	Reviewed journal	1		1
82	Вестник инженерной академии Армении (Armenia)	Supreme Certifying Committee	2		
83	Вестник инженерной академии Армении ¹ (Armenia)	Supreme Certifying Committee	1		
84	Вестник Казанского государственного энергетического университета (Russian Federation)	Reviewed journal	3	1	
85	ВЕСТНИК КОСТРОМСКОГО ГОСУДАРСТВЕННОГО УНИВЕРСИТЕТА. СЕРИЯ: ПЕДАГОГИКА. ПСИХОЛОГИЯ. СОЦИОКИНЕТИКА (Russian Federation)	Reviewed journal			1
86	Вестник КРАУНЦ. Физико-математические науки (Russian Federation)	Reviewed journal		1	

	Federation)				
87	Вестник московского государственного областного университета. Серия: Физика-математика (Russian Federation)	Reviewed journal		2	
88	Вестник Московского университета. Политические науки (Russian Federation)	Reviewed journal		1	
89	Вестник Московского университета. Серия 5. География. (Vestnik Moskovskogo Unviersiteta, Seriya Geografiya) (Russian Federation)	Scopus			1
90	Вестник Московского университета. Серия 6. Экономика (Vestnik Moskovskogo universiteta. Seriya 6: Ekonomika) (Russian Federation)	Web of Science			1
91	ВЕСТНИК ПОЛОЦКОГО ГОСУДАРСТВЕННОГО УНИВЕРСИТЕТА. СЕРИЯ D: ЭКОНОМИЧЕСКИЕ И ЮРИДИЧЕСКИЕ НАУКИ (Belarus)	Reviewed journal		1	
92	Вестник Российско-Армянского Университета: гуманитарные и общественные науки (Armenia)	Supreme Certifying Committee	2	2	1
93	Вестник Российско-Армянского Университета: Физико-математические и естественные науки (Armenia)	Supreme Certifying Committee	4	2	1
94	Вестник Российского университета дружбы народов (Russian Federation)	Reviewed journal		1	
95	ВЕСТНИК САНКТ-ПЕТЕРБУРГСКОГО УНИВЕРСИТЕТА. ПРАВО (Russian Federation)	Web of Science		1	
96	Вестник Северо-Восточного федерального университета имени М. К. Аммосова: Серия ЭПОСОВЕДЕНИЕ (Russian Federation)	Reviewed journal	2	1	
97	Вестник Тамбовского университета. Серия: Естественные и технические науки (Russian Federation)	Reviewed journal		1	1
98	Вестник Тверского государственного университета (Russian Federation)	Reviewed journal	2	1	

99	Вестник университета имени С.Ю. Витте. Серия 2: Юридические науки (Russian Federation)	Reviewed journal		1	
100	Вестник Университета прокуратуры Российской Федерации (Russian Federation)	Reviewed journal			2
101	Византийский Временник (Russian Federation)	Web of Science	1		
102	Владикавказский Математический журнал (Russian Federation)	Web of Science	1	1	
103	ВОДА И ЭКОЛОГИЯ: ПРОБЛЕМЫ И РЕШЕНИЯ (Water and Ecology) (Russian Federation)	Scopus		1	
104	Водное хозяйство России: проблемы, технологии, управление (Russian Federation)	Reviewed journal			1
105	Вопросы философии (VOPROSY FILOSOFII) (Russian Federation)	Scopus			1
106	География и Туризм (Russian Federation)	Reviewed journal		1	
107	Геосферные исследования (Russian Federation)	Web of Science			1
108	Гигиена и санитария (Gigiena i sanitariia) (Russian Federation)	Scopus	1	1	
109	Горные науки и технологии (Russian Federation)	Reviewed journal			1
110	Доклады НАН РА (Armenia)	Supreme Certifying Committee	3	2	2
111	Журнал Белорусского государственного университета. Социология (Belarus)	Reviewed journal			1
112	Журнал неврологии и психиатрии им. С.С. Корсакова (Russian Federation)	Scopus		1	1
113	Журнал прикладной спектроскопии (Journal of Applied Spectroscopy) (Belarus)	Journal Influence Ranking		1	
114	Журнал структурной химии (Journal of Structural Chemistry) (Russian Federation)	Journal Influence Ranking		1	
115	Журнал технической физики (Technical Physics) (Russian Federation)	Journal Influence Ranking	1		
116	Журнал физической химии (Russian Journal of Physical Chemistry A) (Russian Federation)	Journal Influence Ranking	1		
117	Журнал экспериментальной и теоретической физики (Journal of	Journal Influence	1		1

	Experimental and Theoretical Physics) (Russian Federation)	Ranking			
118	Идеи и Идеалы (Russian Federation)	Reviewed journal	1	1	1
119	Известия высших учебных заведений. Химия и химическая технология. (Russian Federation)	Scopus	1	1	1
120	ИЗВЕСТИЯ ИРКУТСКОГО ГОСУДАРСТВЕННОГО УНИВЕРСИТЕТА. Серия Математика (Russian Federation)	Web of Science		1	1
121	Известия НАН РА и ГИУА. Серия технических наук (Armenia)	Supreme Certifying Committee	1	1	
122	Известия НАН РА. Математика (Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences)) (Armenia)	Journal Influence Ranking	6	3	3
123	Известия НАН РА. Механика (Armenia)	Supreme Certifying Committee	2	2	4
124	Известия НАН РА. Физика (Journal of Contemporary Physics (Armenian Academy of Sciences) (Armenia)	Journal Influence Ranking	17	10	11
125	Известия РАН. Серия математическая (IZVESTIYA MATHEMATICS) (Russian Federation)	Journal Influence Ranking	1	1	1
126	Известия Российского географического общества (Russian Federation)	Reviewed journal			1
127	Известия Российской академии наук. Механика твердого тела (MECHANICS OF SOLIDS) (Russian Federation)	Journal Influence Ranking			1
128	Известия Саратовского университета. Новая серия. Серия Математика. Механика. Информатика (Russian Federation)	Web of Science		1	
129	Известия Тульского государственного университета. Естественные науки (Russian Federation)	Reviewed journal			1
130	ИЗВЕСТИЯ УРАЛЬСКОГО ФЕДЕРАЛЬНОГО УНИВЕРСИТЕТА. СЕРИЯ 1. ПРОБЛЕМЫ ОБРАЗОВАНИЯ, НАУКИ И КУЛЬТУРЫ (Russian Federation)	Reviewed journal			1
131	Известия Уральского Федерального	Web of	1		

	Университета. Серия 2. Гуманитарные Науки (Russian Federation)	Science			
132	Институт психологии Российской Академии Наук. Организационная психология и психология труда (Russian Federation)	Reviewed journal		1	
133	Историческая и социально-образовательная мысль (Russian Federation)	Reviewed journal	1		1
134	Конституционное Правосудие (Armenia)	Supreme Certifying Committee	4		
135	Критика и семиотика (Russian Federation)	Reviewed journal	1	2	2
136	МАГАРАЧ. ВИНОГРАДАРСТВО И ВИНОДЕЛИЕ (Russian Federation)	Reviewed journal			1
137	Математические заметки (MATHEMATICAL NOTES) (Russian Federation)	Journal Influence Ranking	1	2	
138	Математический сборник (Sbornik Mathematics) (Russian Federation)	Journal Influence Ranking	1	1	
139	Медицинская наука Армении (Armenia)	Supreme Certifying Committee			1
140	Международная торговля и торговая политика (Russian Federation)	Reviewed journal		2	
141	Микология и фитопатология (Mikologiya i Fitopatologiya) (Russian Federation)	Scopus	1		
142	Мнемон. Исследования и публикации по истории античного мира (Russian Federation)	Reviewed journal			1
143	Научная мысль (Russian Federation)	Reviewed journal	1	1	
144	Научная мысль Кавказа (Russian Federation)	Reviewed journal		1	
145	Научные Ведомости Белгородского государственного университета. История, Политология (Russian Federation)	Reviewed journal		1	
146	Научный результат. Экономические исследования (Russian Federation)	Reviewed journal	3		1
147	Неврологический журнал (Nevrologicheskii Zhurnal) (Russian Federation)	Scopus		1	
148	Образование и право (Russian Federation)	Reviewed journal		1	

	Federation)	journal			
149	Оптика и спектроскопия (Optics and Spectroscopy) (Russian Federation)	Journal Influence Ranking	2		
150	Пищевая промышленность (Russian Federation)	Web of Science	1		
151	Полис. Политические исследования (POLIS-POLITICHESKIYE ISSLEDOVANIYA) (Russian Federation)	Scopus			1
152	Постсоветский материк. Геоэкономика энергетики. (Russian Federation)	Reviewed journal		2	12
153	ПРАВО. ЖУРНАЛ ВЫСШЕЙ ШКОЛЫ ЭКОНОМИКИ (PRAVO-ZHURNAL VYSSHEI SHKOLY EKONOMIKI) (Russian Federation)	Web of Science			1
154	Прикладная биохимия и микробиология (Applied Biochemistry and Microbiology) (Russian Federation)	Journal Influence Ranking	1		
155	Проблемы истории, филологии, культуры (Russian Federation)	Reviewed journal		1	
156	Проблемы российской цивилизации и методики преподавания истории (Russian Federation)	Reviewed journal			1
157	Программные системы и вычислительные методы (Russian Federation)	Web of Science			1
158	Русский язык в Армении (Armenia)	Supreme Certifying Committee	4	3	
159	Сенсорные системы (Russian Federation)	Reviewed journal	1		2
160	Сибирский математический журнал (Siberian Mathematical Journal) (Russian Federation)	Journal Influence Ranking	1		
161	Современные наукоемкие технологии. Региональное приложение (Russian Federation)	Reviewed journal	2	1	
162	Социологические исследования (Russian Federation)	Journal Influence Ranking			1
163	Социология города (Russian Federation)	Reviewed journal		1	
164	Социология и право (Russian Federation)	Reviewed journal		1	

165	Сюжетология и сюжетография (Russian Federation)	Reviewed journal	1		1
166	Технологии живых систем (Russian Federation)	Web of Science	1		
167	Труды ВНИРО (Russian Federation)	Reviewed journal		1	
168	Труды института математики и механики УрО РАН (Russian Federation)	Web of Science			1
169	Университетское управление: практика и анализ (Russian Federation)	Web of Science	1		
170	Ученые записки ЕГУ, геология и география (Armenia)	Supreme Certifying Committee	1		
171	Ученые записки российского государственного гидрометеорологического университета (Russian Federation)	Reviewed journal	1	1	
172	Физика и техника полупроводников (Semiconductors) (Russian Federation)	Journal Influence Ranking		1	
173	Филологические науки. Научные доклады высшей школы (Russian Federation)	Web of Science		1	1
174	Французский ежегодник (Russian Federation)	Web of Science		1	
175	Химико-фармацевтический журнал (Pharmaceutical Chemistry Journal) (Russian Federation)	Journal Influence Ranking	1		
176	Химический Журнал Армении (Armenia)	Supreme Certifying Committee	2	6	1
177	Химия растительного сырья (Russian Federation)	Web of Science	1		
178	Хранение и переработка сельхозсырья (Russian Federation)	Reviewed journal			1
179	ЦИТОКИНЫ И ВОСПАЛЕНИЕ (Russian Federation)	Web of Science		1	
180	Человек. Сообщество. Управление. (Russian Federation)	Reviewed journal		1	
181	Экологический вестник научных центров Черноморского экономического сотрудничества (Russian Federation)	Reviewed journal		1	
182	ЮЖНО-РОССИЙСКИЙ ЖУРНАЛ СОЦИАЛЬНЫХ НАУК (Russian Federation)	Reviewed journal		1	1
183	Ազրոնգիտություն (Armenia)	Supreme Certifying	2		

		Committee			
184	Ակունք (Armenia)	Supreme Certifying Committee	14	17	12
185	Այլընտրանք (Armenia)	Supreme Certifying Committee	22	15	8
186	Աստղիկ (Armenia)	Supreme Certifying Committee	9		
187	Աստվածաբանության ֆակուլտետ: Տարեգիրք: 2016 (Armenia)	Supreme Certifying Committee	6		
188	Արաբազիտական ուսումնասիրություններ (Armenia)	Supreme Certifying Committee	4	1	8
189	Արդարադատություն (Armenia)	Supreme Certifying Committee		3	3
190	Արդի հոգեբանություն (Armenia)	Supreme Certifying Committee		15	7
191	Արևելագիտության հարցեր (Armenia)	Supreme Certifying Committee	20	11	17
192	ԲԱՆԲԵՐ ԵՐԵՎԱՆԻ Վ. ԲՐՅՈՒՍՈՎԻ ԱՆՎԱՆ ՊԵՏԱԿԱՆ ԼԵԶՎԱԶԱՍԱՐԱԿԱԳԻՏԱԿԱՆ ՀԱՄԱԼՍԱՐԱՆԻ (Armenia)	Supreme Certifying Committee	9	3	1
193	Բանբեր Երևանի համալսարանի (Armenia)	Supreme Certifying Committee	23	2	
194	Բանբեր Երևանի համալսարանի: Բանասիրություն: (Armenia)	Supreme Certifying Committee	11	16	17
195	Բանբեր Երևանի համալսարանի: Իրավագիտություն: (Armenia)	Supreme Certifying Committee	14	13	12
196	Բանբեր Երևանի համալսարանի: Հայագիտություն: (Armenia)	Supreme Certifying Committee	10	13	10
197	Բանբեր Երևանի համալսարանի: Միջազգային հարաբերություններ, քաղաքագիտություն: (Armenia)	Supreme Certifying Committee	12	13	18
198	Բանբեր Երևանի համալսարանի: Ռուս բանասիրություն: (Armenia)	Supreme Certifying Committee	11	10	10
199	Բանբեր Երևանի համալսարանի: Սոցիոլոգիա, տնտեսագիտություն: (Armenia)	Supreme Certifying Committee	10	12	13
200	Բանբեր Երևանի համալսարանի: Փիլիսոփայություն,	Supreme Certifying	7	15	15

	հոգեբանություն: (Armenia)	Committee			
201	Բանբեր հայագիտության (Armenia)	Supreme Certifying Committee	5	4	3
202	Բանբեր Հայաստանի ազգային պոլիտեխնիկական համալսարանի (Armenia)	Supreme Certifying Committee		1	
203	Բանբեր Հայաստանի պետական տնտեսագիտական համալսարանի (Armenia)	Supreme Certifying Committee	3	4	5
204	Բանբեր Մատենադարանի (Armenia)	Supreme Certifying Committee	1		5
205	Բժշկություն. գիտություն և կրթություն (Armenia)	Supreme Certifying Committee		1	
206	Բնագետ (Armenia)	Supreme Certifying Committee	4	5	5
207	Գիտական Արցախ (Armenia)	Supreme Certifying Committee			17
208	Գիտական տեղեկագիր ԱրՊՀ (Armenia)	Supreme Certifying Committee	3	1	
209	ԳՊՀ Գիտական հոդվածների ժողովածու (Armenia)	Supreme Certifying Committee	5	5	3
210	Գրականագիտական հանդես (Armenia)	Supreme Certifying Committee	2	1	2
211	Դատական իշխանություն (Armenia)	Supreme Certifying Committee	24	3	3
212	ԵՊՀ Գիտական տեղեկագիր, Բնական գիտություններ (Armenia)	Supreme Certifying Committee	7	4	
213	ԵՊՀ Գիտական տեղեկագիր. երկրաբանություն և աշխարհագրություն: (Armenia)	Supreme Certifying Committee	19	20	22
214	ԵՊՀ ՈԻԳԸ գիտական հոդվածների ժողովածու (Armenia)	Supreme Certifying Committee	9	16	9
215	ԵՊՀ Քաղաքակրթական և մշակութային հետազոտությունների կենտրոնի վերլուծական տեղեկագիր (Armenia)	Supreme Certifying Committee	3	5	4
216	Եվրոպական ակադեմիա: Գիտական հոդվածների ժողովածու (Armenia)	Supreme Certifying Committee	1	1	
217	ԵՎՐՈՊԱԿԱՆ ՀԱՄԱԼՍԱՐԱՆ	Supreme			3

	(Armenia)	Certifying Committee			
218	Էջմիածին (Armenia)	Supreme Certifying Committee	12	12	15
219	Ժամանակակից Եվրասիա (Armenia)	Supreme Certifying Committee	1		
220	Լեզու և լեզվաբանություն (Armenia)	Supreme Certifying Committee	5	3	5
221	Լեզուն և գրականությունը գիտական իմացության ժամանակակից հարացույցում (Armenia)	Supreme Certifying Committee	18	8	9
222	Լրաբեր հասարակական գիտությունների (Armenia)	Supreme Certifying Committee	13	9	8
223	Լրաբեր: Գիտական հոդվածների ժողովածու (ՀԱՊՀ) (Armenia)	Supreme Certifying Committee	1		
224	Լրատու - Մեսրոպ Մաշտոց համալսարան (Armenia)	Supreme Certifying Committee	4	10	2
225	ԿԱՃԱՌ գիտական տարեգիրք (Armenia)	Supreme Certifying Committee	4	1	2
226	Կանթեղ (Armenia)	Supreme Certifying Committee	11	6	6
227	Կոմիտասի թանգարանի տարեգիրք: Կոմիտասը և միջնադարյան երաժշտական մշակույթը: (Armenia)	Supreme Certifying Committee	1		
228	Կրթությունը և գիտությունը Արցախում (Armenia)	Supreme Certifying Committee	14	14	9
229	Հայագիտական հանդես (Armenia)	Supreme Certifying Committee	12	18	6
230	Հայագիտության հարցեր (Armenia)	Supreme Certifying Committee	34	24	38
231	Հայաստանի բժշկագիտություն (Armenia)	Supreme Certifying Committee	3	5	5
232	Հայաստանի կենսաբանական հանդես (Armenia)	Supreme Certifying Committee	11	11	9
233	Հայաստանի ճարտարագիտական ակադեմիայի լրաբեր (Armenia)	Supreme Certifying Committee	9	4	7
234	Հայաստանի քիմիական հանդես	Supreme	7	6	5

	(Armenia)	Certifying Committee			
235	Հայկական Բանակ (Armenia)	Supreme Certifying Committee	8	1	3
236	Հայկական պետական մանկավարժական համալսարանի գիտական տեղեկագիր (Armenia)	Supreme Certifying Committee	2		
237	Հայոց պատմության հարցեր (Armenia)	Supreme Certifying Committee		1	
238	Հանդես (Armenia)	Supreme Certifying Committee	3		
239	ՀԱՆԴԷՍ ԱՄՍՕՐԵԱՅ (Armenia)	Reviewed journal	1		
240	Հանրային կառավարում (Armenia)	Supreme Certifying Committee	7	12	5
241	Հատուկ կրթության հիմնախնդիրներ (Armenia)	Supreme Certifying Committee	1	2	
242	ՀՀ ԳԱԱ զեկույցներ (Armenia)	Supreme Certifying Committee	4	3	6
243	ՀՀ ԳԱԱ Շիրակի հայագիտական հետազոտությունների կենտրոն: Գիտական աշխատություններ (Armenia)	Supreme Certifying Committee	3	1	
244	ՀՀ ԳԱԱ Տեղեկագիր, Գիտություններ Երկրի մասին (Armenia)	Supreme Certifying Committee		1	1
245	ՀՀ ԳԱԱ Տեղեկագիր, Մաթեմատիկա (Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences)) (Armenia)	Journal Influence Ranking		1	
246	ՀՀ ԳԱԱ տեղեկագիր, Մեխանիկա (Armenia)	Supreme Certifying Committee	1	1	3
247	ՀՀ սոցիալ-տնտեսական կայուն զարգացման հիմնախնդիրները (Armenia)	Supreme Certifying Committee	2		
248	Հոգեկան առողջության հայկական հանդես (Armenia)	Supreme Certifying Committee		2	3
249	Ճգնաժամային կառավարում և տեխնոլոգիաներ (Armenia)	Supreme Certifying Committee	2	1	
250	Մաթեմատիկական դպրոցում (Armenia)	Supreme Certifying Committee	1	2	

251	Մանկավարժական միտք (Armenia)	Supreme Certifying Committee	31	10	2
252	Մանկավարժության և հոգեբանության հիմնախնդիրներ (Armenia)	Supreme Certifying Committee	5	2	
253	ՄԵՐՁԱՎՈՐ ԵՎ ՄԻՋԻՆ ԱՐԵՎԵԼՔԻ ԵՐԿՐՆԵՐ ԵՎ ԺՈՂՈՎՈՒՐԴՆԵՐ XXXI (Armenia)	Supreme Certifying Committee		1	
254	Մերձավոր և Միջին Արևելքի երկրներ և ժողովուրդներ XXXII (Armenia)	Supreme Certifying Committee			1
255	Մխիթար Գոշ (Armenia)	Supreme Certifying Committee	10	1	2
256	Շիրակի պետական համալսարանի գիտական տեղեկագիր (Armenia)	Supreme Certifying Committee	1		
257	Պատմաբանասիրական հանդես (Armenia)	Supreme Certifying Committee	8	3	3
258	Պատմություն և հասարակագիտություն (Armenia)	Supreme Certifying Committee	1	1	
259	Պատմություն և մշակույթ հայագիտական հանդես (Armenia)	Supreme Certifying Committee	20	4	19
260	Պատմություն և քաղաքականություն (Armenia)	Supreme Certifying Committee			7
261	Պետություն և իրավունք (Armenia)	Supreme Certifying Committee	16	9	6
262	Ջահուկյանական ընթերցումներ (Armenia)	Supreme Certifying Committee	4	4	3
263	Սահմանադրական արդարադատություն (Armenia)	Supreme Certifying Committee	1		
264	Սոցիալ-տնտեսական զարգացման արդի հիմնախնդիրները Հայաստանի Հանրապետությունում, Գիտական հոդվածների ժողովածու (Armenia)	Supreme Certifying Committee	3	2	
265	Սոցիալ-տնտեսական զարգացման հիմնախնդիրներ (Armenia)	Supreme Certifying Committee			2
266	Սպորտային մանկավարժական գիտություն: 43-րդ միջազգային գիտաժողովի նյութերի ժողովածու (Armenia)	Supreme Certifying Committee	2		

267	ՎԱՆԱԶՈՐԻ ՊԵՏԱԿԱՆ ՀԱՄԱԼՍԱՐԱՆԻ ԳԻՏԱԿԱՆ ՏԵՂԵԿԱԳԻՐ (Armenia)	Supreme Certifying Committee		1	1
268	ՎԷՄ համահայկական հանդես (Armenia)	Supreme Certifying Committee	23	21	13
269	Տարածաշրջան և աշխարհ (Armenia)	Supreme Certifying Committee		3	3
270	Տարեգիրք աստվածաբանության (Armenia)	Supreme Certifying Committee	3	12	
271	Տեսական և կլինիկական բժշկության հարցեր (Armenia)	Supreme Certifying Committee	5	5	1
272	Տնտեսության զարգացման և կառավարման հիմնախնդիրներ (Armenia)	Supreme Certifying Committee	7	2	1
273	Ցեղասպանագիտական հանդես (Armenia)	Supreme Certifying Committee		1	4
274	Օտար լեզուները բարձրագույն դպրոցում (Armenia)	Supreme Certifying Committee	28	30	30
275	Օտար լեզուները մասնագիտական նպատակների համար (Armenia)	Supreme Certifying Committee	1	3	1
276	Օրինականություն (Armenia)	Supreme Certifying Committee		1	2
277	ՖԻՆԱՆՍՆԵՐ ԵՎ ՀԱՇՎԱՊԱՀԱԿԱՆ ՀԱՇՎԱՌՈՒՄ (Armenia)	Supreme Certifying Committee			3
278	Ֆինանսներ և էկոնոմիկա (Armenia)	Supreme Certifying Committee	14	14	3

List of publications in international peer-reviewed professional journals

	Scientific Journal (country of publication)	Rating	2016/17	2017/18	2018/19
1	Le Muséon (Muséon) (Belgium)	Scopus	1		
2	Acta Crystallographica A-Foundation and Advances (Great Britain)	Journal Influence Ranking		2	1
3	Acta Cytologica (USA)	Scopus	1		
4	Acta Herpetologica (Italy)	Journal Influence Ranking			1
5	Acta Horticulturae (China)	Scopus			1
6	Acta Mathematica Scientia (China)	Journal Influence Ranking	1		
7	Advances in Computational	Journal	1	1	1

	Mathematics (USA)	Influence Ranking			
8	Advances in Group Theory and Applications (Italy)	Web of Science	1		
9	Advances in Nano Research (South Korea)	Journal Influence Ranking		1	
10	Advances in Operator Theory (USA)	Scopus			1
11	AIMS Materials Science (USA)	Scopus		1	
12	AIP Conference Proceedings (USA)	Scopus			2
13	Alea: Estudos Neolatinos (Brasil)	Scopus		1	
14	Algebra and Discrete Mathematics (Ukraine)	Scopus		2	
15	Algebra and Logic (Russian Federation)	Journal Influence Ranking	1		
16	AMB Express (Germany)	Journal Influence Ranking		1	1
17	Amino Acids (Austria)	Journal Influence Ranking	2		
18	Analysis Mathematica (Russian Federation)	Journal Influence Ranking		1	
19	Annales Botanici Fennici (Finland)	Journal Influence Ranking	1	1	
20	Antiviral Research (Netherlands)	Journal Influence Ranking		1	
21	Applied Biochemistry and Microbiology (Russian Federation)	Journal Influence Ranking		1	
22	Applied Geochemistry (Great Britain)	Journal Influence Ranking			3
23	Applied Optics (USA)	Journal Influence Ranking		1	1
24	Archaeological Research in Asia (Netherlands)	Scopus	1		
25	Armenisch-Deutsche Korrespondenz (Germany)	Reviewed journal	4	4	4
26	Ars Combinatoria (Canada)	Journal Influence Ranking	1		
27	Asian-European Journal of Mathematics (Singapore)	Scopus		1	
28	Automation and Remote Control (Russian Federation)	Journal Influence Ranking		1	

29	Banach Journal of Mathematical Analysis (USA)	Journal Influence Ranking	1	1	1
30	Behavioral Ecology and Sociobiology (Germany)	Journal Influence Ranking			1
31	Beilstein Journal of Nanotechnology (Germany)	Journal Influence Ranking		1	
32	Biofuels, Bioproducts and Biorefining (Great Britain)	Journal Influence Ranking			1
33	Biologia (Great Britain)	Journal Influence Ranking			1
34	Biologija (Latvia)	Reviewed journal		1	
35	BioMed Research International (India)	Journal Influence Ranking	1	1	1
36	BIOMEDICAL OPTICS EXPRESS (USA)	Journal Influence Ranking		1	
37	BIOMEDICINE & PHARMACOTHERAPY (France)	Journal Influence Ranking	1		
38	Bioorganic & Medicinal Chemistry Letters (Great Britain)	Journal Influence Ranking		1	
39	BMC Complementary and Alternative Medicine (Great Britain)	Journal Influence Ranking	2		
40	BMC Genomics (Great Britain)	Journal Influence Ranking			1
41	BMC Microbiology (Great Britain)	Journal Influence Ranking	1		1
42	Buletinul Academiei de Stiinte a Republicii Moldova. Matematica (Moldova)	Scopus	1		
43	Bulletin of Environmental Contamination and Toxicology (USA)	Journal Influence Ranking		1	
44	Bulletin of the School of Oriental and African Studies (Great Britain)	Scopus	1		
45	BULLETIN of TICMI (Georgia)	Scopus	1		
46	Byzanz zwischen Orient und Okzident (Germany)	Reviewed journal			1
47	Case Studies in Thermal Engineering (USA)	Scopus		1	
48	Caucasus Analytical Digest	Reviewed journal	1	1	

	(Switzerland)				
49	Caucasus Survey (Overseas)	Scopus		1	
50	Cell Biochemistry and Biophysics (USA)	Journal Influence Ranking		1	
51	CES Working Paper (Romania)	Reviewed journal		1	
52	CEUR Workshop Proceedings (Germany)	Scopus		1	1
53	Check List (Bulgaria)	Scopus			1
54	ChemCatChem (Germany)	Journal Influence Ranking		1	
55	Chemical Papers (Slovakia)	Journal Influence Ranking		1	
56	Chemical Physics (Netherlands)	Journal Influence Ranking	1		
57	ChemistrySelect (Germany)	Journal Influence Ranking	1	2	1
58	Chemosphere (Great Britain)	Journal Influence Ranking		1	
59	Colloquium Mathematicum (Poland)	Journal Influence Ranking	1		1
60	Communications in Computer and Information Science: New Trends in Databases and Information Systems (Germany)	Scopus	1		
61	Computational Materials Science (Netherlands)	Journal Influence Ranking			1
62	Crystallography Reports (Russian Federation)	Journal Influence Ranking	1		
63	Current Microbiology (USA)	Journal Influence Ranking	1		1
64	CURRENT PHARMACEUTICAL DESIGN (UAE)	Journal Influence Ranking			2
65	CURRENT PSYCHOLOGY (USA)	Journal Influence Ranking			1
66	Cybernetics and Information Technologies (Bulgaria)	Scopus		1	
67	Demokratizatsiya: The Journal of Post-Soviet Democratization (USA)	Scopus			1
68	Discrete Applied Mathematics	Journal	2		1

	(Netherlands)	Influence Ranking			
69	Discrete Mathematics (Netherlands)	Journal Influence Ranking	1	1	
70	DISCRETE MATHEMATICS AND THEORETICAL COMPUTER SCIENCE (France)	Journal Influence Ranking			1
71	Diversity and Distributions (Great Britain)	Journal Influence Ranking			1
72	E3S Web of Conferences (France)	Scopus			1
73	Eastern Journal of European Studies (Romania)	Scopus	1	2	
74	Ecotoxicology and Environmental Safety (Great Britain)	Journal Influence Ranking		1	
75	EDUCATION – TECHNOLOGY – COMPUTER SCIENCE (Poland)	Reviewed journal			1
76	Electronic Journal of Qualitative Theory of Differential Equations (Hungary)	Journal Influence Ranking	1		
77	Electronic Journal of Statistics (USA)	Journal Influence Ranking			1
78	Environmental Nanotechnology, Monitoring and Management (USA)	Scopus		1	
79	Environmental Pollution (USA)	Journal Influence Ranking			1
80	EURASIAN JOURNAL OF ECOLOGY (Kazakhstan)	Reviewed journal			1
81	European Educational Research Journal (Overseas)	Scopus	1		
82	European Journal of Geography (Overseas)	Scopus	1		
83	European Journal of Mathematics (Germany)	Scopus	1		
84	European journal of organic chemistry (Great Britain)	Journal Influence Ranking	1		
85	European Physical Journal C (Germany)	Journal Influence Ranking	1		
86	European Physical Journal Plus (Italy)	Journal Influence Ranking	1		
87	Extremophiles. Microbial Life Under Extreme Conditions (Japan)	Journal Influence Ranking		1	
88	F1000Research (Great Britain)	Scopus	1		

89	FEMS Microbiology Letters (Great Britain)	Journal Influence Ranking			1
90	FLUCTUATION AND NOISE LETTERS (Singapore)	Journal Influence Ranking		1	
91	Forum for Anthropology and Culture (Russian Federation)	Reviewed journal		1	
92	FREE RADICAL RESEARCH (Great Britain)	Journal Influence Ranking			1
93	FRONTIERS IN MICROBIOLOGY (Switzerland)	Journal Influence Ranking			1
94	Futures (Great Britain)	Journal Influence Ranking		1	
95	Galaxies (Switzerland)	Scopus		1	
96	Genes (Netherlands)	Journal Influence Ranking	1		
97	Geochemistry: Exploration, Environment, Analysis (Great Britain)	Journal Influence Ranking			1
98	Geomicrobiology Journal (Great Britain)	Journal Influence Ranking			1
99	Global Campus Human Rights Journal (Italy)	Reviewed journal			4
100	Gravitation & Cosmology (Russian Federation)	Journal Influence Ranking			1
101	Herpetology Notes (Great Britain)	Scopus			1
102	Hidrolohiia, hidrokhimiia i hidroekolohiia (Ukraine)	Reviewed journal			1
103	Hokkaido Mathematical Journal (Japan)	Journal Influence Ranking	1		
104	IEEE ANTENNAS AND PROPAGATION MAGAZINE (USA)	Journal Influence Ranking			1
105	IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems (USA)	Journal Influence Ranking			1
106	IEEE Transactions on Microwave Theory and Techniques (USA)	Journal Influence Ranking		1	
107	Indian Journal of Biochemistry and Biophysics (India)	Journal Influence Ranking		1	
108	International Journal of Algebra and Computation (USA)	Journal Influence		1	

		Ranking			
109	International Journal of Applied Business and Economic Research (Overseas)	Scopus		1	
110	International Journal of Applied Linguistics and English Literature (Australia)	Scopus	1		
111	International Journal of Geometric Methods in Modern Physics (Singapore)	Journal Influence Ranking			1
112	International Journal of Hydrogen Energy (USA)	Journal Influence Ranking	3	3	3
113	International Journal of Mathematics and Mathematical Sciences (USA)	Scopus	1		
114	International Journal of Medicinal Mushrooms (USA)	Journal Influence Ranking	1	2	1
115	International Journal of Modern Physics A (Singapore)	Journal Influence Ranking	1		
116	International Journal of Modern Physics D (Singapore)	Journal Influence Ranking	1		
117	International Journal of Molecular Sciences (Switzerland)	Journal Influence Ranking			1
118	International Journal of Operations and Quantitative Management (USA)	Scopus			1
119	International Journal of Plastics Technology (Overseas)	Scopus	1		
120	INTERNATIONAL JOURNAL OF PSYCHOPHYSIOLOGY (Netherlands)	Journal Influence Ranking			2
121	International Journal of Self-Propagating High-Temperature Synthesis (USA)	Scopus	1		
122	Italian Journal of Mycology (Italy)	Reviewed journal			1
123	IUBMB Life (International Union of Biochemistry and Molecular Biology Life) (Overseas)	Journal Influence Ranking			1
124	IZVESTIYA MATHEMATICS (Russian Federation)	Journal Influence Ranking	1		1
125	Journal of Advanced Research in Law and Economics (Russian Federation)	Scopus		1	
126	Journal of Algebra and its Applications (Singapore)	Journal Influence Ranking	2		
127	JOURNAL OF APPLIED	Journal			1

	MICROBIOLOGY (Great Britain)	Influence Ranking			
128	Journal of Applied Physics (USA)	Journal Influence Ranking	1		1
129	Journal of Applied Spectroscopy (Belarus)	Journal Influence Ranking	2		
130	Journal of Approximation Theory (USA)	Journal Influence Ranking		1	
131	Journal of Arthropod-Borne Diseases (Iran)	Journal Influence Ranking			1
132	Journal of Biogeography (Great Britain)	Journal Influence Ranking			1
133	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS (USA)	Journal Influence Ranking	1	2	3
134	Journal of Chemical and Engineering Data (USA)	Journal Influence Ranking			1
135	Journal of Clinical Psychology (Great Britain)	Journal Influence Ranking		1	
136	JOURNAL OF COMPARATIVE STUDIES (Latvia)	Reviewed journal			1
137	Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) (USA)	Journal Influence Ranking	3		
138	JOURNAL OF ELECTRONIC MATERIALS (USA)	Journal Influence Ranking	1	1	
139	Journal of Experimental and Theoretical Physics (Russian Federation)	Journal Influence Ranking	1		1
140	Journal of Family and Economic Issues (Switzerland)	Journal Influence Ranking		1	
141	Journal of Food Biochemistry (USA)	Journal Influence Ranking	1		
142	Journal of Functional Analysis (USA)	Journal Influence Ranking	1		
143	Journal of Geometric Analysis (USA)	Journal Influence Ranking	1		
144	Journal of Graph Theory (USA)	Journal Influence Ranking		1	
145	Journal of Group Theory (Germany)	Journal		1	

		Influence Ranking			
146	Journal of Happiness Studies (Netherlands)	Journal Influence Ranking	1		
147	Journal of Herbmmed Pharmacology (Iran)	Scopus			1
148	Journal of Heredity (USA)	Journal Influence Ranking			1
149	Journal of Heterocyclic Chemistry (USA)	Journal Influence Ranking	1		
150	Journal of High Energy Physics (Italy)	Journal Influence Ranking	1	2	1
151	Journal of Infrared Millimeter and Terahertz Waves (USA)	Journal Influence Ranking		1	
152	Journal of Inorganic and Organometallic Polymers and Materials (USA)	Journal Influence Ranking	1		
153	Journal of Instrumentation (Great Britain)	Journal Influence Ranking		2	
154	Journal of International Migration and Integration (USA)	Scopus			1
155	Journal of Luminescence (Netherlands)	Journal Influence Ranking	1		
156	Journal of Magnetism and Magnetic Materials (Netherlands)	Journal Influence Ranking	1	1	1
157	Journal of Mathematical Physics (USA)	Journal Influence Ranking	2	2	
158	Journal of Modern Optics (Great Britain)	Journal Influence Ranking		2	1
159	Journal of Molecular Liquids (Netherlands)	Journal Influence Ranking	1		3
160	Journal of Nanophotonics (USA)	Journal Influence Ranking	3	1	1
161	Journal of Natural History (Great Britain)	Journal Influence Ranking		1	
162	Journal of Near Eastern Studies (USA)	Scopus			1
163	Journal of Neuroimmunology (Netherlands)	Journal Influence Ranking		1	
164	Journal of Optics (Great Britain)	Journal	1		1

		Influence Ranking			
165	Journal of Optimization Theory and Applications (USA)	Journal Influence Ranking		1	
166	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY (Switzerland)	Journal Influence Ranking	1	1	
167	Journal of Physical Chemistry B (USA)	Journal Influence Ranking	1		1
168	Journal of Physical Chemistry Letters (USA)	Journal Influence Ranking		1	
169	Journal of Physics G: Nuclear and Particle Physics (Great Britain)	Journal Influence Ranking		1	1
170	Journal of Physics: Conference Series (Great Britain)	Scopus	4	4	
171	JOURNAL OF PHYSICS-CONDENSED MATTER (Great Britain)	Journal Influence Ranking	2	1	
172	Journal of Porphyrins and Phthalocyanines (France)	Journal Influence Ranking	2	2	
173	Journal of Radiation Research (Great Britain)	Journal Influence Ranking	1		
174	Journal of Sensors and Sensor Systems (Germany)	Scopus		2	
175	Journal of Social Studies Education Research (Turkey)	Scopus		1	
176	Journal of Solution Chemistry (USA)	Journal Influence Ranking	2		
177	JOURNAL OF STROKE & CEREBROVASCULAR DISEASES (Japan)	Journal Influence Ranking			1
178	Journal of Synchrotron Radiation (Great Britain)	Journal Influence Ranking	1	1	1
179	Journal of the Korean Mathematical Society (South Korea)	Journal Influence Ranking		1	
180	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA A-OPTICS IMAGE SCIENCE AND VISION (USA)	Journal Influence Ranking		1	
181	Journal of the Optical Society of America B: Optical Physics (USA)	Journal Influence Ranking			2
182	JOURNAL OF THE SOCIETY FOR	Journal			1

	INFORMATION DISPLAY (USA)	Influence Ranking			
183	Journal of Thermal Analysis and Calorimetry (Hungary)	Journal Influence Ranking		1	1
184	JOURNAL OF WATER CHEMISTRY AND TECHNOLOGY (Ukraine)	Journal Influence Ranking			1
185	JOURNAL OF WATER SUPPLY RESEARCH AND TECHNOLOGY-AQUA (Great Britain)	Journal Influence Ranking		1	
186	LANCET RESPIRATORY MEDICINE (Great Britain)	Journal Influence Ranking			1
187	Laser Physics Letters (Great Britain)	Journal Influence Ranking		1	2
188	Letters in Applied Microbiology (Great Britain)	Journal Influence Ranking	1		1
189	Liquid Crystals (Great Britain)	Journal Influence Ranking	1	2	1
190	Lobachevskii Journal of Mathematics (Russian Federation)	Scopus			3
191	Malaria Journal (USA)	Journal Influence Ranking		1	
192	Mammalian Biology (Germany)	Journal Influence Ranking	1		
193	MARKETING AND MANAGEMENT OF INNOVATIONS (Ukraine)	Web of Science			1
194	Mathematical Methods in the Applied Sciences (Great Britain)	Journal Influence Ranking			1
195	MATHEMATICAL NOTES (Russian Federation)	Journal Influence Ranking			2
196	MECHANICS OF SOLIDS (Russian Federation)	Journal Influence Ranking			1
197	Mendelevov Communications (Russian Federation)	Journal Influence Ranking		1	1
198	Meta Gene (Overseas)	Scopus	1		
199	Microbial Pathogenesis (Great Britain)	Journal Influence Ranking			1
200	MICROBIOLOGYOPEN (USA)	Journal Influence Ranking			1
201	Microorganisms for Sustainability:	Scopus		2	

	Extremophiles in Eurasian Ecosystems: Ecology, Diversity, and Applications (Singapore)				
202	Molecular Cytogenetics (Great Britain)	Journal Influence Ranking			1
203	Molecules (Switzerland)	Journal Influence Ranking			1
204	MUTATION RESEARCH - GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS (Netherlands)	Journal Influence Ranking			1
205	Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis (Netherlands)	Journal Influence Ranking	1		
206	MYCOTOXIN RESEARCH (Germany)	Journal Influence Ranking			1
207	Nanoscale (Great Britain)	Journal Influence Ranking		1	
208	Nanoscale Research Letters (USA)	Journal Influence Ranking		1	
209	Nanotechnology (Great Britain)	Journal Influence Ranking		1	
210	Natural Hazards (USA)	Journal Influence Ranking		1	
211	Neuroscience and Behavioral Physiology (Russian Federation)	Scopus	1		
212	New Europe College. Black Sea Link Program. Yearbook 2014-2015 (Romania)	Reviewed journal		1	
213	New Physics: Sae Mulli (South Korea)	Scopus			1
214	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS (Netherlands)	Journal Influence Ranking	2		
215	Operator Theory: Advances and Applications (Overseas)	Scopus		1	
216	Optics and Spectroscopy (Russian Federation)	Journal Influence Ranking	2	2	
217	Optics Communications (Netherlands)	Journal Influence Ranking	1		

218	Optics Express (USA)	Journal Influence Ranking	1		1
219	Optics Letters (USA)	Journal Influence Ranking	1		
220	Optik (Germany)	Journal Influence Ranking		1	1
221	Oxidation Communications (Bulgaria)	Scopus		1	3
222	PeerJ (Great Britain)	Journal Influence Ranking			2
223	Photonics (Switzerland)	Scopus			1
224	Physica B-Condensed Matter (Netherlands)	Journal Influence Ranking	3		1
225	Physica E: Low-dimensional Systems and Nanostructures (Netherlands)	Journal Influence Ranking	1	2	4
226	Physica Scripta (Switzerland)	Journal Influence Ranking			1
227	Physical Review B (USA)	Journal Influence Ranking	1	4	3
228	Physical Review C (USA)	Journal Influence Ranking	1		1
229	Physical Review D (USA)	Journal Influence Ranking	3	6	3
230	Physical Review E (USA)	Journal Influence Ranking			1
231	Physical Review Special Topics-Accelerators and Beams (USA)	Journal Influence Ranking			1
232	Physics Letters A (Netherlands)	Journal Influence Ranking	1	1	
233	Physics Letters B (Netherlands)	Journal Influence Ranking	1		
234	Physics of Atomic Nuclei (Russian Federation)	Journal Influence Ranking	7		5
235	Physics of Particles and Nuclei (Russian Federation)	Journal Influence Ranking		1	1
236	Physics of Particles and Nuclei Letters (Russian Federation)	Scopus	2		

237	Physics of Quantum Rings (Switzerland)	Scopus		2	
238	Physics of the Solid State (Russian Federation)	Journal Influence Ranking		1	
239	Phytotaxa (New Zealand)	Journal Influence Ranking			1
240	PLOS ONE (USA)	Journal Influence Ranking			3
241	Polish Journal of Environmental Studies (Poland)	Journal Influence Ranking	1		
242	Polymer Bulletin (Germany)	Journal Influence Ranking			1
243	Positivity (Germany)	Journal Influence Ranking	1	1	1
244	Probiotics and Antimicrobial Proteins (USA)	Journal Influence Ranking	1		
245	Proceedings of SPIE - The International Society for Optical Engineering (USA)	Scopus		3	
246	Proceedings of SPIE-Progress in Biomedical Optics and Imaging (Україна)	Scopus		2	
247	Proceedings of the National Academy of Sciences of Belarus. Biological Series (Belarus)	Reviewed journal			1
248	Proceedings of the Royal Society B: Biological Sciences (Great Britain)	Journal Influence Ranking			1
249	Proceedings of the Steklov Institute of Mathematics (Russian Federation)	Journal Influence Ranking			1
250	PRZEGLAD WSCHODNIOEUROPEJSKI (East European Review) (Poland)	Scopus	1	1	1
251	Psychology in Russia: State of the Art (Russian Federation)	Scopus			1
252	Quaestiones Geographicae (Poland)	Scopus	1		
253	Quarterly Journal of Mechanics and Applied Mathematics (Australia)	Journal Influence Ranking	1		
254	Real Analysis Exchange (USA)	Scopus	1		
255	Renewable & Sustainable Energy Reviews (USA)	Journal Influence Ranking	1		
256	Renewable Energy (Great Britain)	Journal		1	

		Influence Ranking			
257	Revista Institutului National al Justitiei (The Journal of the National Institute of Justice) (Moldova)	Reviewed journal			3
258	Revue des Etudes Armeniennes (France)	Reviewed journal			1
259	Revue des Etudes Sud-Est Europeennes (Romania)	Reviewed journal	1	4	
260	Russian Journal of Bioorganic Chemistry (Russian Federation)	Journal Influence Ranking	1		
261	Russian Journal of General Chemistry (Russian Federation)	Journal Influence Ranking			1
262	Russian Journal of Herpetology (Russian Federation)	Journal Influence Ranking			1
263	Russian Journal of Inorganic Chemistry (Russian Federation)	Journal Influence Ranking		1	1
264	Russian Journal of Organic Chemistry (Russian Federation)	Journal Influence Ranking	4	3	5
265	Russian Journal of Physical Chemistry A (Russian Federation)	Journal Influence Ranking		1	2
266	Russian Meteorology and Hydrology (Russian Federation)	Journal Influence Ranking		1	
267	SALAMANDRA (Germany)	Journal Influence Ranking			1
268	SBORNIK MATHEMATICS (Russian Federation)	Journal Influence Ranking		1	1
269	Scalable Computing: Practice and Experience (Romania)	Scopus		1	
270	Science of the Total Environment (Netherlands)	Journal Influence Ranking		1	
271	Scientific Bulletin of the Odessa National Economic University (Ukraine)	Reviewed journal		1	
272	Scientific Reports (Great Britain)	Journal Influence Ranking	1	2	2
273	Securitologia (Poland)	Reviewed journal		2	
274	SERIES BYZANTINA. Studies on Byzantine and Post-Byzantine Art. VOLUME XV (Poland)	Reviewed journal		4	

275	Siberian Mathematical Journal (Russian Federation)	Journal Influence Ranking	2		1
276	Social Compass (Belgium)	Journal Influence Ranking	1		
277	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY (Great Britain)	Journal Influence Ranking			1
278	Springer Proceedings in Mathematics & Statistics (Germany)	Scopus			1
279	Studia Mathematica (Poland)	Journal Influence Ranking			2
280	Studia Philologica (Ukraine)	Reviewed journal			1
281	STUDIA POLITOLOGICZNE (Poland)	Reviewed journal			1
282	Studia Scientiarum Mathematicarum Hungarica (Hungary)	Journal Influence Ranking			1
283	Studii de gramatică contrastivă (Overseas)	Reviewed journal		1	
284	Superlattices and Microstructures (Great Britain)	Journal Influence Ranking	3	4	1
285	Symmetry (Switzerland)	Journal Influence Ranking			1
286	Synlett (Germany)	Journal Influence Ranking		1	
287	Systematic and Applied Microbiology (Germany)	Journal Influence Ranking		1	
288	Talanta (Great Britain)	Journal Influence Ranking	1		
289	TAMKANG JOURNAL OF MATHEMATICS (China)	Scopus			1
290	Technological Forecasting and Social Change (USA)	Journal Influence Ranking	1		
291	Tenside Surfactants Detergents (Germany)	Journal Influence Ranking	1	1	
292	Testing, Psychometrics, Methodology in Applied Psychology (Italy)	Scopus		1	
293	Tetrahedron Letters (Great Britain)	Journal Influence Ranking		1	

294	The Lancet (Great Britain)	Journal Influence Ranking		1	6
295	Theory of Probability and Mathematical Statistics (Ukraine)	Scopus	1		
296	Tractus aevorum: эволюция социокультурных и политических пространств (Russian Federation)	Reviewed journal			1
297	Transactions of the American Mathematical Society (USA)	Journal Influence Ranking			1
298	Trends in Biochemical Sciences (Netherlands)	Journal Influence Ranking			1
299	Turkic Languages (Germany)	Web of Science			1
300	Ukrainian Hydrometeorological Journal (Ukraine)	Reviewed journal		1	
301	Vestnik Zoologii (Ukraine)	Scopus		1	
302	VISNYK OF V N KARAZIN KHARKIV NATIONAL UNIVERSITY-SERIES GEOLOGY GEOGRAPHY ECOLOGY (Ukraine)	Web of Science			1
303	Vitis - Journal of Grapevine Research (Germany)	Journal Influence Ranking			1
304	Yugoslav Journal of Operations Research (Montenegro)	Scopus	1		
305	ZAMM-Zeitschrift fur Angewandte Mathematik und Mechanik (Germany)	Journal Influence Ranking		1	
306	ZOOLOGICAL RESEARCH (China)	Journal Influence Ranking			1
307	ПРАЕИМА. Проблемы визуальной семиотики (Прагема) (Russian Federation)	Scopus	3	2	1
308	АВИАКОСМИЧЕСКАЯ И ЭКОЛОГИЧЕСКАЯ МЕДИЦИНА (Russian Federation)	Scopus			1
309	Актуальные проблемы теории и истории искусства. (Russian Federation)	Scopus	3	3	
310	АНТРОПОЛОГИЧЕСКИЙ ФОРУМ (Forum for Anthropology and Culture) (Russian Federation)	Web of Science		1	
311	АСИММЕТРИЯ (Russian Federation)	Reviewed journal		1	1
312	Биомедицинская радиоэлектроника (Russian Federation)	Web of Science	1		2

	Federation)				
313	Биофизика (Biophysics) (Russian Federation)	Scopus	1	1	
314	Биофизический Вестник (Ukraine)	Reviewed journal			2
315	Век информации (Russian Federation)	Reviewed journal			1
316	Вестник Башкирского государственного медицинского университета (Russian Federation)	Reviewed journal		1	
317	Вестник Владимирского государственного университета имени Александра Григорьевича и Николая Григорьевича Столетовых. Серия: Социальные и гуманитарные науки (Russian Federation)	Reviewed journal		2	
318	ВЕСТНИК Воронежского государственного университета. Серия: География. Геоэкология (Russian Federation)	Web of Science		1	
319	Вестник древней истории (Russian Federation)	Scopus	1	1	
320	Вестник Евразийского национального университета имени Л.Н. Гумилева (Russian Federation)	Reviewed journal	1		1
321	Вестник Казанского государственного энергетического университета (Russian Federation)	Reviewed journal	3	1	
322	ВЕСТНИК КОСТРОМСКОГО ГОСУДАРСТВЕННОГО УНИВЕРСИТЕТА. СЕРИЯ: ПЕДАГОГИКА. ПСИХОЛОГИЯ. СОЦИОКИНЕТИКА (Russian Federation)	Reviewed journal			1
323	Вестник КРАУНЦ. Физико-математические науки (Russian Federation)	Reviewed journal		1	
324	Вестник московского государственного областного университета. Серия: Физика-математика (Russian Federation)	Reviewed journal		2	
325	Вестник Московского университета. Политические науки (Russian Federation)	Reviewed journal		1	
326	Вестник Московского университета. Серия 5. География. (Vestnik Moskovskogo Unviersiteta,	Scopus			1

	Seriya Geografiya) (Russian Federation)				
327	Вестник Московского университета. Серия 6. Экономика (Vestnik Moskovskogo universiteta. Seriya 6: Ekonomika) (Russian Federation)	Web of Science			1
328	ВЕСТНИК ПОЛОЦКОГО ГОСУДАРСТВЕННОГО УНИВЕРСИТЕТА. СЕРИЯ D: ЭКОНОМИЧЕСКИЕ И ЮРИДИЧЕСКИЕ НАУКИ (Belarus)	Reviewed journal		1	
329	Вестник Российского университета дружбы народов (Russian Federation)	Reviewed journal		1	
330	ВЕСТНИК САНКТ-ПЕТЕРБУРГСКОГО УНИВЕРСИТЕТА. ПРАВО (Russian Federation)	Web of Science		1	
331	Вестник Северо-Восточного федерального университета имени М. К. Аммосова: Серия ЭПОСОВЕДЕНИЕ (Russian Federation)	Reviewed journal	2	1	
332	Вестник Тамбовского университета. Серия: Естественные и технические науки (Russian Federation)	Reviewed journal		1	1
333	Вестник Тверского государственного университета (Russian Federation)	Reviewed journal	2	1	
334	Вестник университета имени С.Ю. Витте. Серия 2: Юридические науки (Russian Federation)	Reviewed journal		1	
335	Вестник Университета прокуратуры Российской Федерации (Russian Federation)	Reviewed journal			2
336	Византийский Временник (Russian Federation)	Web of Science	1		
337	ВІСНИК ЧЕРКАСЬКОГО УНІВЕРСИТЕТУ. Серія ПЕДАГОГІЧНІ НАУКИ (Ukraine)	Reviewed journal		6	3
338	Владикавказский Математический журнал (Russian Federation)	Web of Science	1	1	
339	ВОДА И ЭКОЛОГИЯ: ПРОБЛЕМЫ И РЕШЕНИЯ (Water and Ecology) (Russian Federation)	Scopus		1	
340	Водное хозяйство России: проблемы, технологии, управление	Reviewed journal			1

	(Russian Federation)				
341	Вопросы философии (VOPROSY FILOSOFII) (Russian Federation)	Scopus			1
342	География и Туризм (Russian Federation)	Reviewed journal		1	
343	Геосферные исследования (Russian Federation)	Web of Science			1
344	Гигиена и санитария (Gigiena i sanitariia) (Russian Federation)	Scopus	1	1	
345	Горные науки и технологии (Russian Federation)	Reviewed journal			1
346	Журнал Белорусского государственного университета. Социология (Belarus)	Reviewed journal			1
347	Журнал неврологии и психиатрии им. С.С. Корсакова (Russian Federation)	Scopus		1	1
348	Журнал прикладной спектроскопии (Journal of Applied Spectroscopy) (Belarus)	Journal Influence Ranking		1	
349	Журнал структурной химии (Journal of Structural Chemistry) (Russian Federation)	Journal Influence Ranking		1	
350	Журнал технической физики (Technical Physics) (Russian Federation)	Journal Influence Ranking	1		
351	Журнал физической химии (Russian Journal of Physical Chemistry A) (Russian Federation)	Journal Influence Ranking	1		
352	Журнал экспериментальной и теоретической физики (Journal of Experimental and Theoretical Physics) (Russian Federation)	Journal Influence Ranking	1		1
353	Идеи и Идеалы (Russian Federation)	Reviewed journal	1	1	1
354	Известия высших учебных заведений. Химия и химическая технология. (Russian Federation)	Scopus	1	1	1
355	ИЗВЕСТИЯ ИРКУТСКОГО ГОСУДАРСТВЕННОГО УНИВЕРСИТЕТА. Серия Математика (Russian Federation)	Web of Science		1	1
356	Известия РАН. Серия математическая (IZVESTIYA MATEMATICS) (Russian Federation)	Journal Influence Ranking	1	1	1
357	Известия Российского географического общества (Russian Federation)	Reviewed journal			1

358	Известия Российской академии наук. Механика твердого тела (MECHANICS OF SOLIDS) (Russian Federation)	Journal Influence Ranking			1
359	Известия Саратовского университета. Новая серия. Серия Математика. Механика. Информатика (Russian Federation)	Web of Science		1	
360	Известия Тульского государственного университета. Естественные науки (Russian Federation)	Reviewed journal			1
361	ИЗВЕСТИЯ УРАЛЬСКОГО ФЕДЕРАЛЬНОГО УНИВЕРСИТЕТА. СЕРИЯ 1. ПРОБЛЕМЫ ОБРАЗОВАНИЯ, НАУКИ И КУЛЬТУРЫ (Russian Federation)	Reviewed journal			1
362	Известия Уральского Федерального Университета. Серия 2. Гуманитарные Науки (Russian Federation)	Web of Science	1		
363	Институт психологии Российской Академии Наук. Организационная психология и психология труда (Russian Federation)	Reviewed journal		1	
364	Историческая и социально-образовательная мысль (Russian Federation)	Reviewed journal	1		1
365	Когниция, коммуникация, дискурс. Харьковский национальный университет им. В.Н. Каразина (Ukraine)	Reviewed journal	3		1
366	Критика и семиотика (Russian Federation)	Reviewed journal	1	2	2
367	МАГАРАЧ. ВИНОГРАДАРСТВО И ВИНОДЕЛИЕ (Russian Federation)	Reviewed journal			1
368	Математические заметки (MATHEMATICAL NOTES) (Russian Federation)	Journal Influence Ranking	1	2	
369	Математический сборник (Sbornik Mathematics) (Russian Federation)	Journal Influence Ranking	1	1	
370	Международная торговля и торговая политика (Russian Federation)	Reviewed journal		2	
371	Микология и фитопатология (Mikologiya I Fitopatologiya) (Russian Federation)	Scopus	1		

372	Микробиологический журнал (Ukraine)	Reviewed journal		1	
373	Мнемон. Исследования и публикации по истории античного мира (Russian Federation)	Reviewed journal			1
374	Науковий вісник льотної академії (Ukraine)	Reviewed journal	1	5	
375	Научная мысль (Russian Federation)	Reviewed journal	1	1	
376	Научная мысль Кавказа (Russian Federation)	Reviewed journal		1	
377	Научные Ведомости Белгородского государственного университета. История, Политология (Russian Federation)	Reviewed journal		1	
378	Научный результат. Экономические исследования (Russian Federation)	Reviewed journal	4		1
379	Неврологический журнал (Nevrologicheskii Zhurnal) (Russian Federation)	Scopus		1	
380	Образование и право (Russian Federation)	Reviewed journal		1	
381	Оптика и спектроскопия (Optics and Spectroscopy) (Russian Federation)	Journal Influence Ranking	2		
382	Пищевая промышленность (Russian Federation)	Web of Science	1		
383	Полис. Политические исследования (POLIS-POLITICHESKIYE ISSLEDOVANIYA) (Russian Federation)	Scopus			1
384	Постсоветский материк. Геоэкономика энергетики. (Russian Federation)	Reviewed journal		2	12
385	ПРАВО. ЖУРНАЛ ВЫСШЕЙ ШКОЛЫ ЭКОНОМИКИ (PRAVO-ZHURNAL VYSSHEI SHKOLY EKONOMIKI) (Russian Federation)	Web of Science			1
386	Прикладная биохимия и микробиология (Applied Biochemistry and Microbiology) (Russian Federation)	Journal Influence Ranking	1		
387	Проблемы истории, филологии, культуры (Russian Federation)	Reviewed journal		1	
388	Проблемы российской цивилизации и методики преподавания истории (Russian Federation)	Reviewed journal			1

	Federation)				
389	Программные системы и вычислительные методы (Russian Federation)	Web of Science			1
390	Сенсорные системы (Russian Federation)	Reviewed journal	1		2
391	Сибирский математический журнал (Siberian Mathematical Journal) (Russian Federation)	Journal Influence Ranking	1		
392	Современные наукоемкие технологии. Региональное приложение (Russian Federation)	Reviewed journal	2	1	
393	Социологические исследования (Russian Federation)	Journal Influence Ranking			1
394	Социология города (Russian Federation)	Reviewed journal		1	
395	Социология и право (Russian Federation)	Reviewed journal		1	
396	Сюжетология и сюжетография (Russian Federation)	Reviewed journal	1		1
397	Технологии живых систем (Russian Federation)	Web of Science	1		
398	Труды ВНИРО (Russian Federation)	Reviewed journal		1	
399	Труды института математики и механики УрО РАН (Russian Federation)	Web of Science			1
400	Украинский математичний журнал (Ukrainian Mathematical Journal) (Ukraine)	Journal Influence Ranking			1
401	Украинский гидрометеорологический журнал (Ukraine)	Reviewed journal		1	
402	Университетское управление: практика и анализ (Russian Federation)	Web of Science	1		
403	Ученые записки российского государственного гидрометеорологического университета (Russian Federation)	Reviewed journal	1	1	
404	Физика и техника полупроводников (Semiconductors) (Russian Federation)	Journal Influence Ranking		1	
405	Филологические науки. Научные доклады высшей школы (Russian Federation)	Web of Science		1	1
406	Французский ежегодник (Russian Federation)	Web of Science		1	

407	Химико-фармацевтический журнал (Pharmaceutical Chemistry Journal) (Russian Federation)	Journal Influence Ranking	1		
408	Химия растительного сырья (Russian Federation)	Web of Science	1		
409	Хранение и переработка сельхозсырья (Russian Federation)	Reviewed journal			1
410	ЦИТОКИНЫ И ВОСПАЛЕНИЕ (Russian Federation)	Web of Science		1	
411	Человек. Сообщество. Управление. (Russian Federation)	Reviewed journal		1	
412	Экологический вестник научных центров Черноморского экономического сотрудничества (Russian Federation)	Reviewed journal		1	
413	Экология и промышленность (Ukraine)	Reviewed journal			1
414	ЮЖНО-РОССИЙСКИЙ ЖУРНАЛ СОЦИАЛЬНЫХ НАУК (Russian Federation)	Reviewed journal		1	1
415	Հայկազգան հայագիտական հանդես (Lebanon)	Reviewed journal	2	4	1
416	ՀԱՆԴԷՍ ԱՄՍՕՐԵԱՅ (Armenia)	Reviewed journal			3
417	Uḥnū (Israel)	Reviewed journal			1

List of publications in RA peer- reviewed professional journals

	Scientific Journal (country of publication)	Rating	2016/17	2017/18	2018/19
1	21st CENTURY (Armenia)	Supreme Certifying Committee	2	2	
2	21-րդ դար (Armenia)	Supreme Certifying Committee	8	5	3
3	Armenian Folia Anglistika (Armenia)	Supreme Certifying Committee	17	9	12
4	Armenian Journal of Mathematics (Armenia)	Web of Science	1	4	
5	Armenian Journal of Physics (Armenia)	Supreme Certifying Committee	5	6	18
6	Armenian Journal of Political Science (Armenia)	Supreme Certifying Committee	1	1	
7	Astrophysics (Armenia)	Journal Influence Ranking		1	
8	Biological Journal of Armenia (Armenia)	Supreme Certifying	8	12	5

		Committee			
9	Bulletin of National Agrarian University of Armenia (Armenia)	Supreme Certifying Committee	1	2	2
10	Chemical Journal of Armenia (Armenia)	Supreme Certifying Committee	1	2	1
11	CONTEMPORARY EURASIA (Armenia)	Supreme Certifying Committee			1
12	Electronic journal of natural sciences (Armenia)	Supreme Certifying Committee	3	2	
13	Foreign Languages for Special Purposes (Armenia)	Supreme Certifying Committee	7	3	3
14	Foreign Languages in Higher Education (Armenia)	Supreme Certifying Committee	1		1
15	Journal of Armenian studies (Armenia)	Supreme Certifying Committee			1
16	Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) (USA)	Journal Influence Ranking	4	5	5
17	Journal of Contemporary Physics (Armenian Academy of Sciences) (Armenia)	Journal Influence Ranking	13	12	12
18	Language and Literature in the Contemporary Paradigm of Scientific Knowledge (Armenia)	Supreme Certifying Committee	2		
19	Mathematical Problems of Computer Science (Armenia)	Supreme Certifying Committee		2	
20	PROCEEDINGS OF ENGINEERING ACADEMY OF ARMENIA (Armenia)	Supreme Certifying Committee	4	1	
21	Proceedings of NAS RA - Mechanics (Armenia)	Supreme Certifying Committee	1		
22	Proceedings of the YSU. Chemistry and Biology (Armenia)	Supreme Certifying Committee	19	21	28
23	Proceedings of the YSU. Physical and Mathematical Sciences (Armenia)	Supreme Certifying Committee	23	16	11
24	Reports of NAS RA (Armenia)	Supreme Certifying Committee		2	2
25	The New Armenian Medical journal (Armenia)	Scopus		2	
26	Wisdom (Armenia)	Scopus	5		2

27	Актуальная психология (Armenia)	Supreme Certifying Committee			1
28	Астрофизика (Astrophysics) (Armenia)	Journal Influence Ranking	4	5	3
29	Биологический журнал Армении (Armenia)	Supreme Certifying Committee	2	8	4
30	Вестник ГИУА. Металлургия, материаловедение, недропользование (Armenia)	Supreme Certifying Committee			1
31	Вестник ГИУА. Механика, Машиноведение, Машиностроение (Armenia)	Supreme Certifying Committee			1
32	Вестник инженерной академии Армении (Armenia)	Supreme Certifying Committee	2		
33	Вестник инженерной академии Армении ¹ (Armenia)	Supreme Certifying Committee	1		
34	Вестник Российско-Армянского Университета: гуманитарные и общественные науки (Armenia)	Supreme Certifying Committee	2	2	1
35	Вестник Российско-Армянского Университета: Физико-математические и естественные науки (Armenia)	Supreme Certifying Committee	4	2	1
36	Доклады НАН РА (Armenia)	Supreme Certifying Committee	3	2	2
37	Известия НАН РА и ГИУА. Серия технических наук (Armenia)	Supreme Certifying Committee	1	1	
38	Известия НАН РА. Математика (Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences)) (Armenia)	Journal Influence Ranking	6	3	3
39	Известия НАН РА. Механика (Armenia)	Supreme Certifying Committee	2	2	4
40	Известия НАН РА. Физика (Journal of Contemporary Physics (Armenian Academy of Sciences) (Armenia)	Journal Influence Ranking	17	10	11
41	Конституционное Правосудие (Armenia)	Supreme Certifying Committee	4		
42	Медицинская наука Армении (Armenia)	Supreme Certifying Committee			1
43	Русский язык в Армении (Armenia)	Supreme Certifying	4	3	

		Committee			
44	Ученые записки ЕГУ, геология и география (Armenia)	Supreme Certifying Committee	1		
45	Химический Журнал Армении (Armenia)	Supreme Certifying Committee	2	6	1
46	Ագրոգիտություն (Armenia)	Supreme Certifying Committee	2		
47	Ակունք (Armenia)	Supreme Certifying Committee	14	17	12
48	Այլընտրանք (Armenia)	Supreme Certifying Committee	22	15	8
49	Աստղիկ (Armenia)	Supreme Certifying Committee	9		
50	Աստվածաբանության ֆակուլտետ: Տարեգիրք: 2016 (Armenia)	Supreme Certifying Committee	6		
51	Արաբագիտական ուսումնասիրություններ (Armenia)	Supreme Certifying Committee	4	1	8
52	Արդարադատություն (Armenia)	Supreme Certifying Committee		3	3
53	Արդի հոգեբանություն (Armenia)	Supreme Certifying Committee		15	7
54	Արևելագիտության հարցեր (Armenia)	Supreme Certifying Committee	20	11	17
55	ԲԱՆԲԵՐ ԵՐԵՎԱՆԻ Վ. ԲՐՅՈՒՍՈՎԻ ԱՆՎԱՆ ՊԵՏԱԿԱՆ ԼԵԶՎԱՀԱՍՍԱՐԱԿԱԳԻՏԱԿԱՆ ՀԱՄԱԼՍԱՐԱՆԻ (Armenia)	Supreme Certifying Committee	9	3	1
56	Բանբեր Երևանի համալսարանի (Armenia)	Supreme Certifying Committee	23	2	
57	Բանբեր Երևանի համալսարանի: Բանասիրություն: (Armenia)	Supreme Certifying Committee	11	16	17
58	Բանբեր Երևանի համալսարանի: Իրավագիտություն: (Armenia)	Supreme Certifying Committee	14	13	12
59	Բանբեր Երևանի համալսարանի: Հայագիտություն: (Armenia)	Supreme Certifying Committee	10	13	10
60	Բանբեր Երևանի համալսարանի: Միջազգային հարաբերություններ, քաղաքագիտություն: (Armenia)	Supreme Certifying Committee	12	13	18

61	Բանբեր Երևանի համալսարանի: Ռուս բանասիրություն: (Armenia)	Supreme Certifying Committee	11	10	10
62	Բանբեր Երևանի համալսարանի: Սոցիոլոգիա, տնտեսագիտություն: (Armenia)	Supreme Certifying Committee	10	12	13
63	Բանբեր Երևանի համալսարանի: Փիլիսոփայություն, հոգեբանություն: (Armenia)	Supreme Certifying Committee	7	15	15
64	Բանբեր հայագիտության (Armenia)	Supreme Certifying Committee	5	4	3
65	Բանբեր Հայաստանի ազգային պոլիտեխնիկական համալսարանի (Armenia)	Supreme Certifying Committee		1	
66	Բանբեր Հայաստանի պետական տնտեսագիտական համալսարանի (Armenia)	Supreme Certifying Committee	3	4	5
67	Բանբեր Մատենադարանի (Armenia)	Supreme Certifying Committee	1		5
68	Բժշկություն. գիտություն և կրթություն (Armenia)	Supreme Certifying Committee		1	
69	Բնագետ (Armenia)	Supreme Certifying Committee	4	5	5
70	Գիտական Արցախ (Armenia)	Supreme Certifying Committee			17
71	Գիտական տեղեկագիր ԱրՊՀ (Armenia)	Supreme Certifying Committee	3	1	
72	ԳՊՀ Գիտական հոդվածների ժողովածու (Armenia)	Supreme Certifying Committee	5	5	3
73	Գրականագիտական հանդես (Armenia)	Supreme Certifying Committee	2	1	2
74	Դատական իշխանություն (Armenia)	Supreme Certifying Committee	24	3	3
75	ԵՊՀ Գիտական տեղեկագիր, Բնական գիտություններ (Armenia)	Supreme Certifying Committee	7	4	
76	ԵՊՀ Գիտական տեղեկագիր. Երկրաբանություն և աշխարհագրություն: (Armenia)	Supreme Certifying Committee	19	20	22
77	ԵՊՀ ՈԻԳԸ գիտական հոդվածների ժողովածու (Armenia)	Supreme Certifying Committee	9	16	9
78	ԵՊՀ Քաղաքակրթական և	Supreme	3	5	4

	մշակութային հետազոտությունների կենտրոնի վերլուծական տեղեկագիր (Armenia)	Certifying Committee			
79	Եվրոպական ակադեմիա: Գիտական հոդվածների ժողովածու (Armenia)	Supreme Certifying Committee	1	1	
80	ԵՎՐՈՊԱԿԱՆ ՀԱՄԱԼՍԱՐԱՆ (Armenia)	Supreme Certifying Committee			3
81	Էջմիածին (Armenia)	Supreme Certifying Committee	12	12	15
82	Ժամանակակից Եվրասիա (Armenia)	Supreme Certifying Committee	1		
83	Լեզու և լեզվաբանություն (Armenia)	Supreme Certifying Committee	5	3	5
84	Լեզուն և գրականությունը գիտական իմացության ժամանակակից հարացույցում (Armenia)	Supreme Certifying Committee	18	8	9
85	Լրաբեր հասարակական գիտությունների (Armenia)	Supreme Certifying Committee	13	9	8
86	Լրաբեր: Գիտական հոդվածների ժողովածու (ՀԱՊՀ) (Armenia)	Supreme Certifying Committee	1		
87	Լրատու - Մեսրոպ Մաշտոց համալսարան (Armenia)	Supreme Certifying Committee	4	10	2
88	ԿԱՃԱՌ գիտական տարեգիրք (Armenia)	Supreme Certifying Committee	4	1	2
89	Կանթեղ (Armenia)	Supreme Certifying Committee	11	6	6
90	Կոմիտասի թանգարանի տարեգիրք: Կոմիտասը և միջնադարյան երաժշտական մշակույթը: (Armenia)	Supreme Certifying Committee	1		
91	Կրթությունը և գիտությունը Արցախում (Armenia)	Supreme Certifying Committee	14	14	9
92	Հայագիտական հանդես (Armenia)	Supreme Certifying Committee	12	18	6
93	Հայագիտության հարցեր (Armenia)	Supreme Certifying Committee	34	24	38
94	Հայաստանի բժշկագիտություն	Supreme	3	5	5

	(Armenia)	Certifying Committee			
95	Հայաստանի կենսաբանական հանդես (Armenia)	Supreme Certifying Committee	11	11	9
96	Հայաստանի ճարտարագիտական ակադեմիայի լրագրեր (Armenia)	Supreme Certifying Committee	9	4	7
97	Հայաստանի քիմիական հանդես (Armenia)	Supreme Certifying Committee	7	6	5
98	Հայկական Բանակ (Armenia)	Supreme Certifying Committee	8	1	3
99	Հայկական պետական մանկավարժական համալսարանի գիտական տեղեկագիր (Armenia)	Supreme Certifying Committee	2		
100	Հայոց պատմության հարցեր (Armenia)	Supreme Certifying Committee		1	
101	Հանդես (Armenia)	Supreme Certifying Committee	3		
102	ՀԱՆԴԵՍ ԱՄՍՕՐԵԱՅ (Armenia)	Reviewed journal	1		
103	Հանրային կառավարում (Armenia)	Supreme Certifying Committee	7	12	5
104	Հատուկ կրթության հիմնախնդիրներ (Armenia)	Supreme Certifying Committee	1	2	
105	ՀՀ ԳԱԱ զեկույցներ (Armenia)	Supreme Certifying Committee	4	3	6
106	ՀՀ ԳԱԱ Շիրակի հայագիտական հետազոտությունների կենտրոն: Գիտական աշխատություններ (Armenia)	Supreme Certifying Committee	3	1	
107	ՀՀ ԳԱԱ Տեղեկագիր, Գիտություններ Երկրի մասին (Armenia)	Supreme Certifying Committee		1	1
108	ՀՀ ԳԱԱ Տեղեկագիր, Մաթեմատիկա (Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences)) (Armenia)	Journal Influence Ranking		1	
109	ՀՀ ԳԱԱ տեղեկագիր, Մեխանիկա (Armenia)	Supreme Certifying Committee	1	1	3
110	ՀՀ սոցիալ-տնտեսական կայուն զարգացման հիմնախնդիրները (Armenia)	Supreme Certifying Committee	2		

111	Հոգեկան առողջության հայկական հանդես (Armenia)	Supreme Certifying Committee		2	3
112	Ճգնաժամային կառավարում և տեխնոլոգիաներ (Armenia)	Supreme Certifying Committee	2	1	
113	Մաթեմատիկական դպրոցում (Armenia)	Supreme Certifying Committee	1	2	
114	Մանկավարժական միտք (Armenia)	Supreme Certifying Committee	31	10	2
115	Մանկավարժության և հոգեբանության հիմնախնդիրներ (Armenia)	Supreme Certifying Committee	5	2	
116	ՄԵՐՁԱՎՈՐ ԵՎ ՄԻՋԻՆ ԱՐԵՎԵԼՔԻ ԵՐԿՐՆԵՐ ԵՎ ԺՈՂՈՎՈՒՐԴՆԵՐ XXXI (Armenia)	Supreme Certifying Committee		1	
117	Մերձավոր և Միջին Արևելքի երկրներ և ժողովուրդներ XXXII (Armenia)	Supreme Certifying Committee			1
118	Մխիթար Գոշ (Armenia)	Supreme Certifying Committee	10	1	2
119	Շիրակի պետական համալսարանի գիտական տեղեկագիր (Armenia)	Supreme Certifying Committee	1		
120	Պատմաբանասիրական հանդես (Armenia)	Supreme Certifying Committee	8	3	3
121	Պատմություն և հասարակագիտություն (Armenia)	Supreme Certifying Committee	1	1	
122	Պատմություն և մշակույթ հայագիտական հանդես (Armenia)	Supreme Certifying Committee	20	4	19
123	Պատմություն և քաղաքականություն (Armenia)	Supreme Certifying Committee			7
124	Պետություն և իրավունք (Armenia)	Supreme Certifying Committee	16	9	6
125	Ջահուկյանական ընթերցումներ (Armenia)	Supreme Certifying Committee	4	4	3
126	Սահմանադրական արդարադատություն (Armenia)	Supreme Certifying Committee	1		
127	Սոցիալ-տնտեսական զարգացման արդի հիմնախնդիրները Հայաստանի Հանրապետությունում, Գիտական	Supreme Certifying Committee	3	2	

	հողվածների ժողովածու (Armenia)				
128	Սոցիալ-տնտեսական զարգացման հիմնախնդիրներ (Armenia)	Supreme Certifying Committee			2
129	Մպորտային մանկավարժական գիտություն: 43-րդ միջազգային գիտաժողովի նյութերի ժողովածու (Armenia)	Supreme Certifying Committee	2		
130	ՎԱՆԱԶՈՐԻ ՊԵՏԱԿԱՆ ՀԱՄԱԼՍԱՐԱՆԻ ԳԻՏԱԿԱՆ ՏԵՂԵԿԱԳԻՐ (Armenia)	Supreme Certifying Committee		1	1
131	ՎԷՄ համահայկական հանդես (Armenia)	Supreme Certifying Committee	23	21	13
132	Տարածաշրջան և աշխարհ (Armenia)	Supreme Certifying Committee		3	3
133	Տարեգիրք աստվածաբանության (Armenia)	Supreme Certifying Committee	3	12	
134	Տեսական և կլինիկական բժշկության հարցեր (Armenia)	Supreme Certifying Committee	5	5	1
135	Տնտեսության զարգացման և կառավարման հիմնախնդիրներ (Armenia)	Supreme Certifying Committee	7	2	1
136	Ցեղասպանագիտական հանդես (Armenia)	Supreme Certifying Committee		1	4
137	Օտար լեզուները բարձրագույն դպրոցում (Armenia)	Supreme Certifying Committee	28	30	30
138	Օտար լեզուները մասնագիտական նպատակների համար (Armenia)	Supreme Certifying Committee	1	3	1
139	Օրինականություն (Armenia)	Supreme Certifying Committee		1	2
140	ՖԻՆԱՆՍՆԵՐ ԵՎ ՀԱՇՎԱՊԱՀԱԿԱՆ ՀԱՇՎԱՌՈՒՄ (Armenia)	Supreme Certifying Committee			3
141	Ֆինանսներ և էկոնոմիկա (Armenia)	Supreme Certifying Committee	14	14	3

The YSU buildings and subdivisions located in them

N	Building name/number	Subdivisions located in the building
1.	Central building	The YSU administrative structures, the YSU history museum, scientific research centres
2.	Library building	The YSU library, Centre of European studies, Russian Centre, scientific research centres, Publishing House, Editorial office of “Banber” – Bulletin of Yerevan University
3.	Building N 1	Faculties of Chemistry, Geography and Geology, Institute of Pharmacy
4.	Building N 2	Faculties of Law and International Relations
5.	Building N 3	Faculties of Physics, Radio physics, Mathematics and Mechanics
6.	Building N 4	Faculties of Sociology, Informatics and Applied Mathematics, Information Technologies Educational Research Centre
7.	Building N 5	Faculty of Biology
8.	Building N 6	Faculties of History, Theology, Economics and Management, administrative structure
9.	Building N 7	Faculties of Oriental Studies, Russian Philology, European Languages and Communication, Journalism
10.	Building N 8	Faculties of Armenian Philology, Philosophy and Psychology, Centre of Pedagogy and Education Development, administrative structures
11.	Building at Kievyan 1a	Former building of the Chair of Civil Defense
12.	Tsarav Aghbyur 55/5	The YSU dormitory
13.	Building of all-university chairs (Alek Manukyan 1)	All- university Chairs (Chairs of Physical Education and Civil Defense)
14.	The YSU Guest House (Alek Manukyan 1)	The YSU Guest House

Budget distribution by strategic directions

	Programme	Planned financing
1.	Quality education	
1.1.	Carry out structural and content reforms of academic programmes in line with the National Qualification Framework and contemporary requirements of the labour market	120 mln AMD
1.2.	Improve teaching, learning and assessment processes	Appropriate financing (grant funding)
1.3.	Increase the efficiency of the activities of internal quality assurance system structures	5 mln AMD
1.4.	Ensure extended and effective use of information technologies in the educational process	45 mln AMD
2.	Up-to-date research and innovation	
2.1.	Contribute to the increase of the research volume and expansion of involvement of the teaching staff and students in the research projects	200 mln AMD
2.3	Promote the internationalization of the YSU research activities	130 mln AMD
2.4	Match 3rd degree standards of the University higher education with Salzburg principles	22 mln AMD
3.	Public involvement and services	
3.1	Ensure further development of public relations and increase of public responsibility	70 mln AMD
4.	Quality human resources	
4.1.	Enhance the potential of the teaching staff	Grant funding
4.2.	Introduce an effective system of human resource management	30 mln AMD
5.	Quality infrastructures	
5.1.	Develop the classroom and laboratory conditions necessary for the implementation of the educational research process, modernize the university infrastructures	4.3 bln AMD
5.2.	Develop the information systems and library infrastructure necessary for the implementation of the research and education process	200 mln AMD
6.	Quality services	
6.1.	Develop student support services to provide a conducive learning environment	Grant programme
6.2.	Develop the capacity of the University student organizations and promote student self-governance	35 mln AMD and grant programme
7.	Admission diversification and relevance	
7.1	Develop admission marketing processes to maintain and increase the flow of applicants	105 mln AMD
7.3	Increase the contingent of foreign students at all academic degrees at the University by implementing comprehensive recruitment and teaching activities	20 mln AMD
8.	Financial stability, effective management	

8.2.	Develop the University financial planning system, increase the effectiveness of financial and material resource management	12 mln AMD
8.3.	Enhance the legal field and governance system of the University	27 mln AMD
9.	Internationalization and partnership	
9.1,	Develop a policy promoting the internationalization of the University	61 mln AMD
9.2.	Develop internationalization processes in the field of education	150 mln AMD

Comparative analysis of the results of surveys on graduates' satisfaction with the YSU learning resources and support services

1. Satisfaction with classroom conditions

Below are presented the ratings according to the graduates' academic degree (see Figure 1); the differences were not significant in 2018, but in 2019 they became significant. Moreover, the ratings of Bachelor's students have decreased, while the Master's students have increased. Their ratings have become significantly higher than those of Bachelor's students.

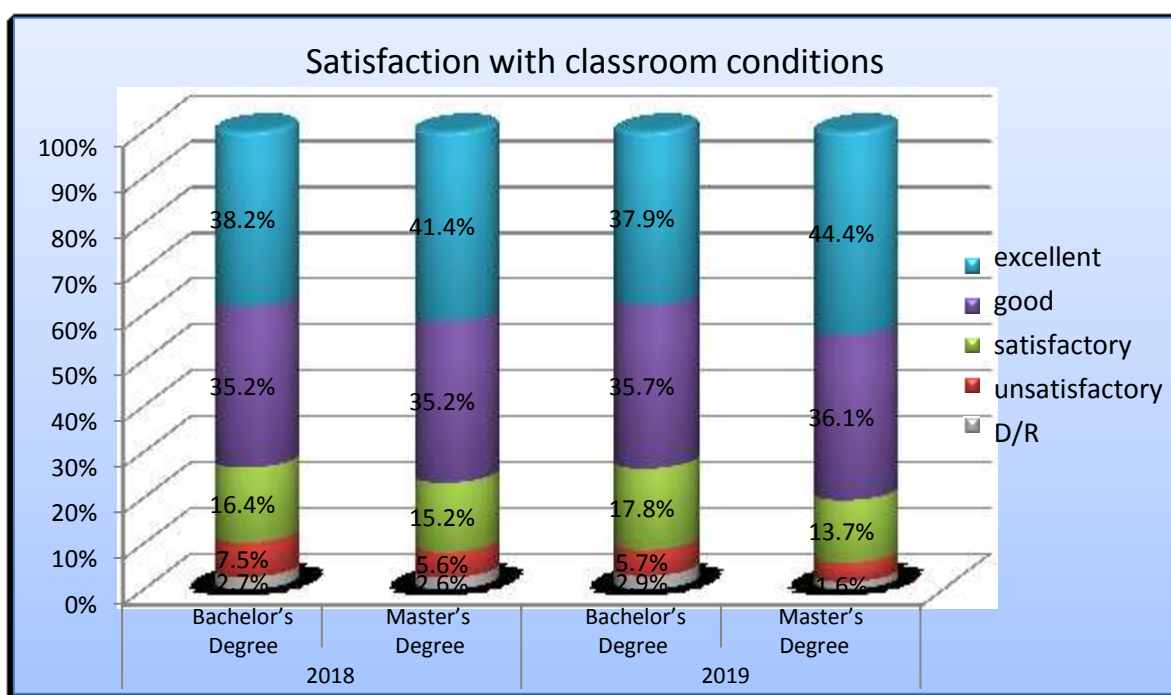


Figure 1. Graduates' satisfaction with classroom conditions according to academic degree

2. Satisfaction with computer rooms

Below are presented the ratings according to the graduates' academic degree (see Figure 2); the differences were not significant in 2018, but in 2019 they became significant because of the decrease in Bachelor's students ratings and some increase in Master's students ratings. Moreover, the structure of the ratings has changed. If in 2018 Master's students rated their satisfaction with computer rooms lower, then in 2019 it increased among Master's degree graduates, and in 2019 they rated computer rooms significantly higher than Bachelor's students did.

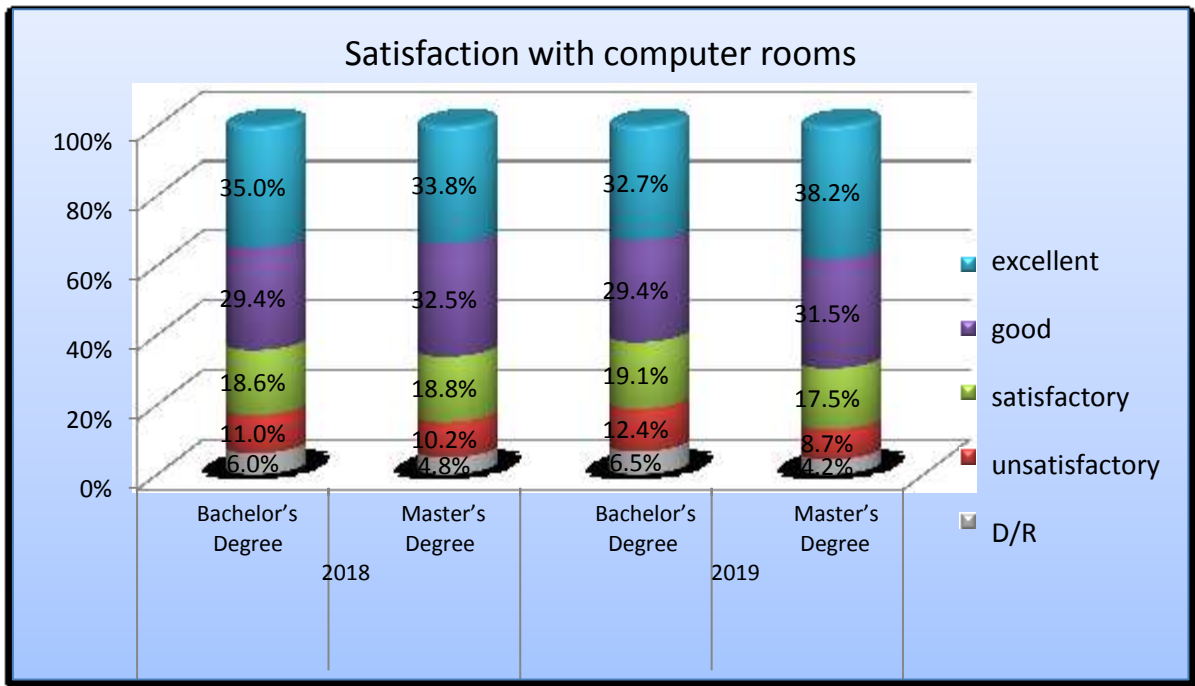


Figure 2. Graduates' satisfaction with computer rooms according to academic degree

3. Satisfaction with the Internet accessibility

Below are presented the ratings according to the graduates' academic degree (See Figure 3); the differences were not significant in both 2018 and 2019. Here we can see the same picture, as was recorded in the previous case: ratings of Bachelor's students have decreased, while the Master's students have increased, but the differences in ratings are not significant in either case.

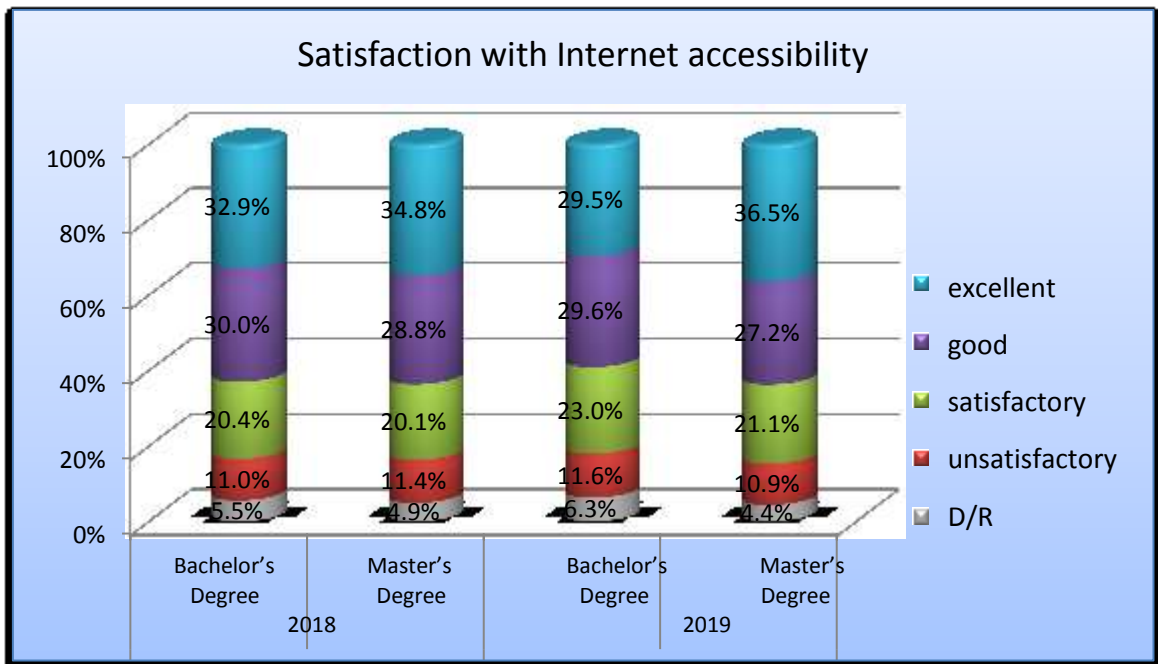


Figure 3. Graduates' satisfaction with the Internet accessibility according to academic degree

4. Satisfaction with the laboratory facilities

Below are presented the ratings according to the graduates' academic degree (see Figure 4); the differences were not significant in 2018, the ratings of Master's students were higher, but not with a significant difference. In 2019, the ratings of Bachelor's degree graduates remained almost unchanged, while the increase in the ratings of Master's degree graduates made the differences significant. Thus, the ratings of Bachelor's degree graduates are significantly lower than those of Master's degree graduates.

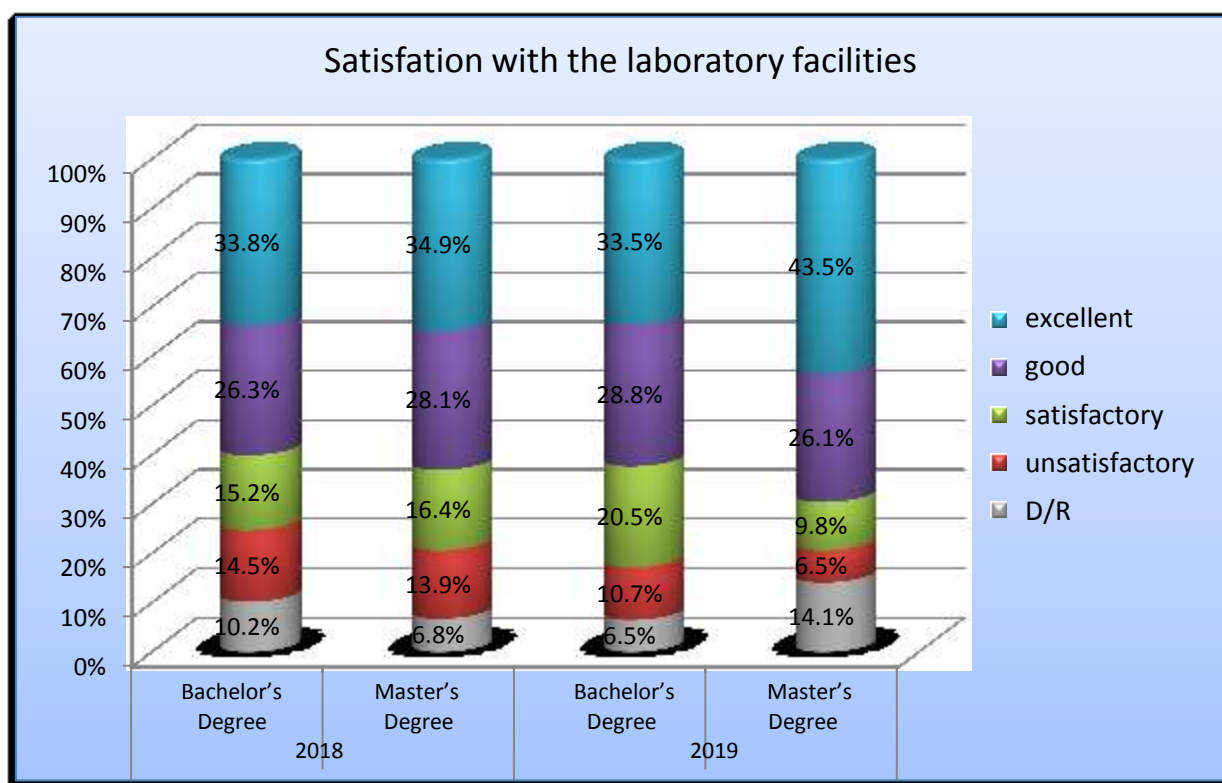


Figure 4. Graduates' satisfaction with the laboratory facilities according to academic degree

5. Graduates satisfaction with the YSU library

Below is presented the analysis of graduates' satisfaction with the various aspects of the library.

5.1. Satisfaction with the modern literature of the library

Below are presented the ratings according to the graduates' academic degree (see Figure 5.1.). Both in 2018 and 2019, the differences in the ratings of Bachelor's and Master's students were not significant, i.e., overall statistically, their ratings do not differ from each other.

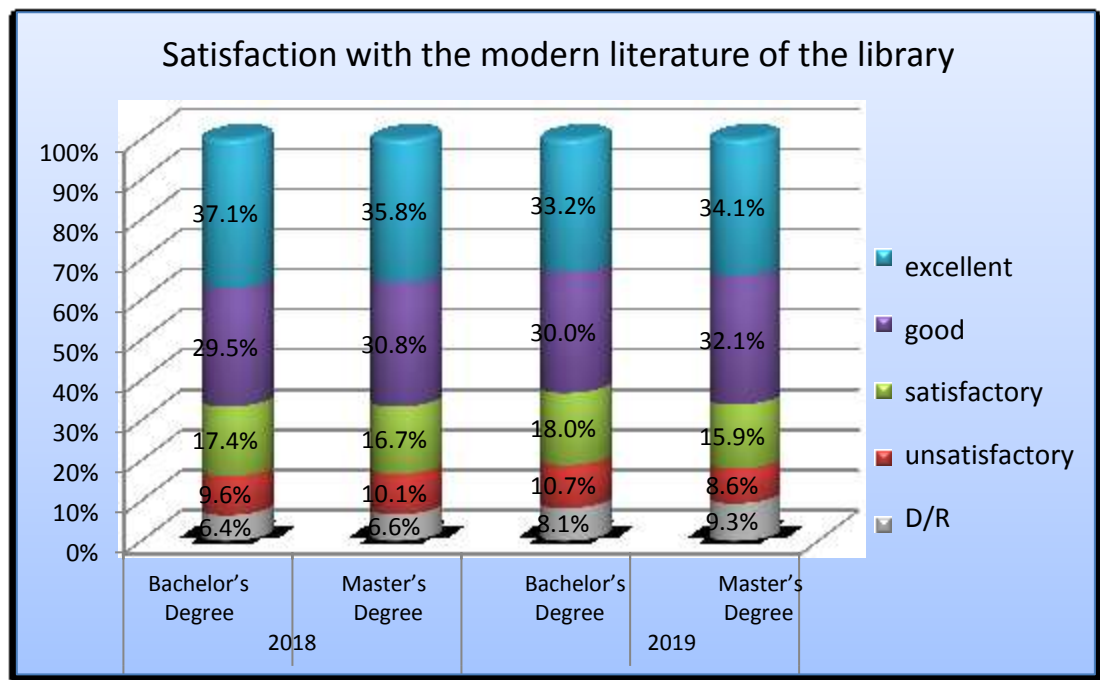


Figure 5.1. Graduates' satisfaction with the modern literature of the library according to academic degree

5.2. Satisfaction with the library facilities

Below are presented the ratings according to the graduates' academic degree (see Figure 5.2.); the differences in 2018, as well as in 2019 were not significant. Interestingly, in 2018 the ratings of Master's degree graduates were lower than those of Bachelor's degree graduates, while in 2019, we have the opposite picture: the ratings of Master's degree graduates were higher. However, the differences are not significant in either case.

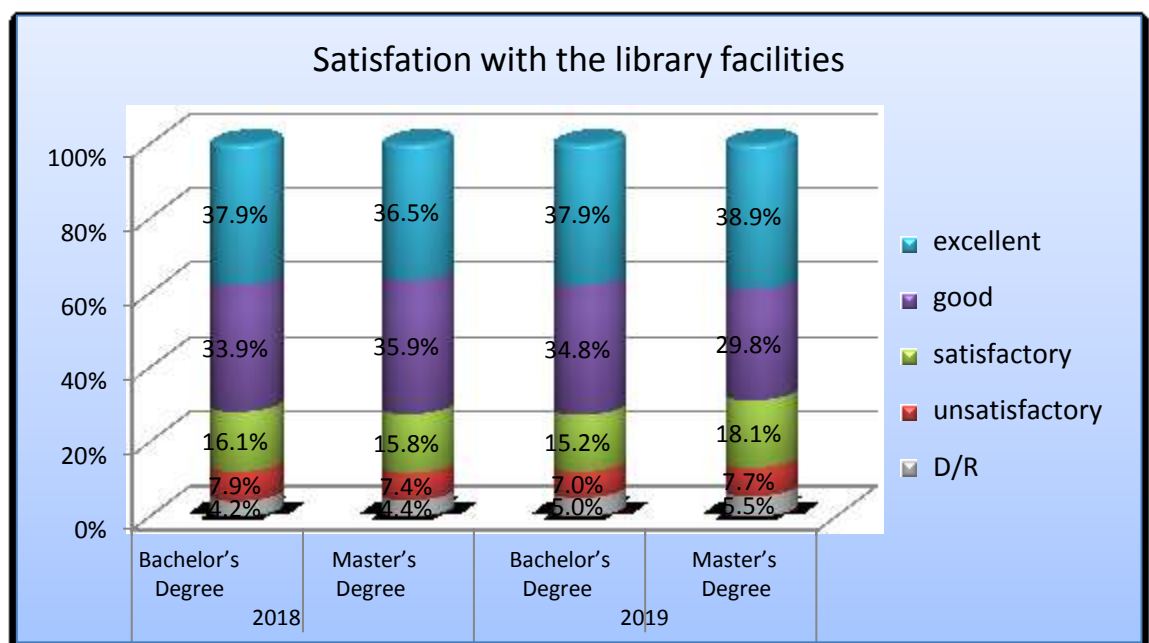


Figure 5.2. Graduates' satisfaction with the library facilities according to academic degree

5.3. Satisfaction with the library service

Below are presented the ratings according to the graduates' academic degree (see Figure 5.3); the differences were not significant in both 2018 and 2019. As can be seen from the figure, satisfaction has decreased to some extent among Bachelor's degree graduates, while it has increased to some extent among Master's degree graduates. However, the differences have remained insignificant.

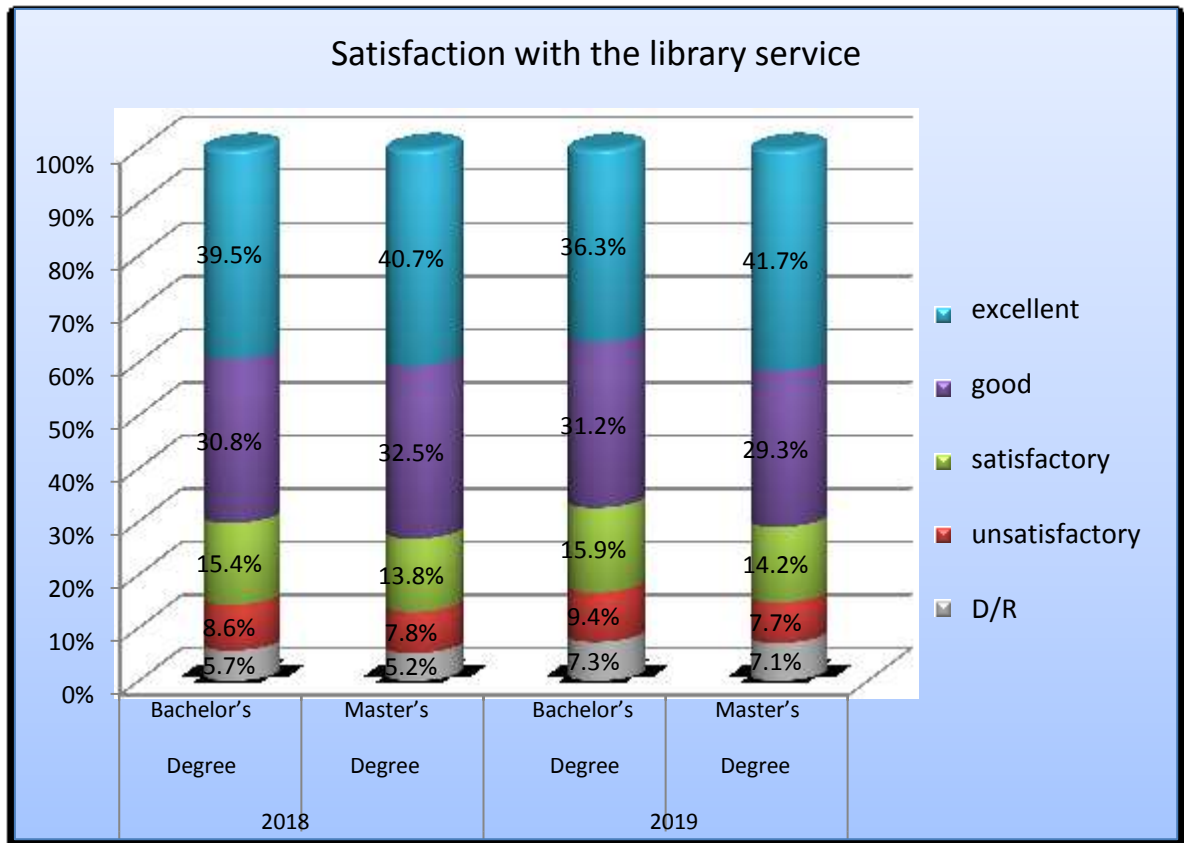


Figure 5.3. Graduates' satisfaction with the library service according to academic degree

ANNEX 9.1.

Number/percent of the teaching and administrative staff fluent in foreign languages for the past 4 years

	Employees	2016		2017		2018		2019	
		Number	%	Number	%	Number	%	Number	%
	Teaching staff	355	25%	507	35%	600	40%	859	48%
	Administrative staff	120	20%	181	30%	233	35%	139	45%

ANNEX 9.2.

Number/percent of students fluent in foreign languages for the past 4 years

	Students	2016		2017		2018		2019	
		Number	%	Number	%	Number	%	Number	%
	Bachelor's students	11480	80%	11548	80%	9380	80%	9985	85%
	Master's students	2298	90%	2646	95%	2559	96%	2598	97%
	PhD students	288	90%	244	90%	259	90%	268	93%

ANNEX 9.3.

Courses/academic programmes offered to foreign students in foreign languages. Number of foreign students by years (2014-2019)

	Course/Academic Programme	2014	2015	2016	2017	2018	2019
1.	Human Rights and Democratization	16	10	11	10	9	11
2.	Armenian Studies	2	1	-	-	-	1
3.	Law	1	-	-	-	-	-
4.	Armenian History	3	-	2	41	2	7
5.	Romance Languages	-	-	-	-	1	5
6.	Russian Language and Literature	2	2	2	4	7	4
7.	Social Economic Geography	2	1	-	-	-	-
8.	Cartography and Geomorphology	1	1				
9.	Social Work	3		2			
10.	Education Management	5	1	1	2		
11.	Oriental Studies	6	4	7	1	2	7
12.	Radiophysics	1	1				-
13.	General Psychology	4	2	1	2		1
14.	Civil Law	1					-
15.	Civilization and Cultural Studies		1				-
16.	Molecular Physics		1	1	1		-
17.	Theology			1			-
18.	International Relations	1		12	15	4	1
19.	Translation Studies			2			-
20.	Tourism			1			-

21.	Ecology			1			-
22.	Inorganic Chemistry			1	8		7
23.	Geo-ecology			1	1	1	-
24.	English Language and Literature				3		-
25.	Geography				18	1	12
26.	Biology				5	1	6
27.	Journalism				33		1
28.	Geology				10		
29.	Economics	5	1	2	4	1	2
30.	Pharmacy	-	-	8	4	4	5
31.	Armenian Philology						5

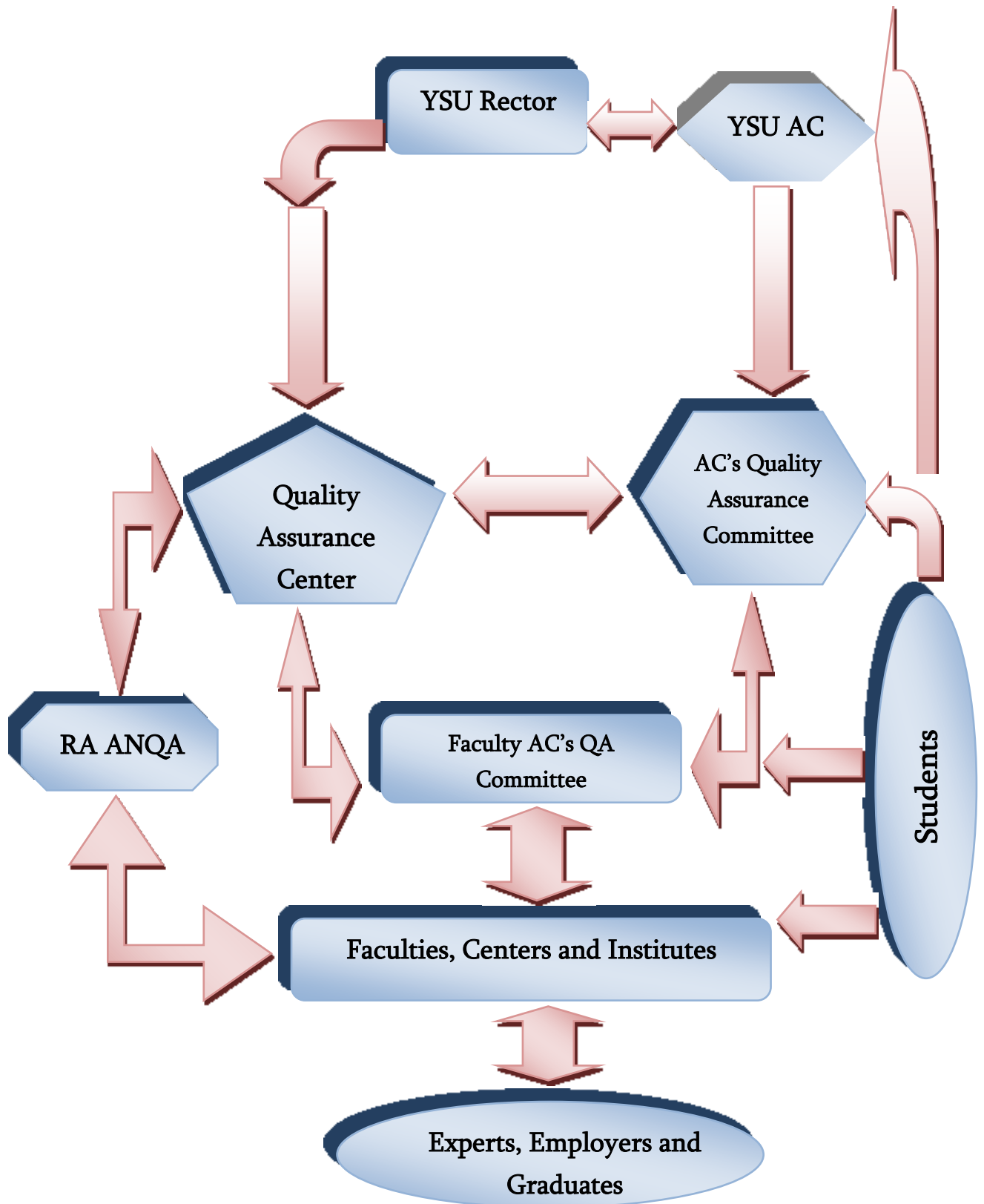
ANNEX 9.4.

Number of students involved in the courses/ academic programmes offered in foreign languages by countries and years (2014-2019)

	Countries	2014	2015	2016	2017	2018	2019
1.	Italy	2	-	1	9	3	3
2.	Poland	2	1	-	1	-	-
3.	Russian Federation	5	-	5	50	6	5
4.	China	2	1	2	4	4	4
5.	Georgia	3	5	1	2	2	1
6.	Serbia	1	-	-	-	-	-
7.	Ukraine	4	4	1	-	1	1
8.	Kazakhstan	1	-	16	34	3	16
9.	Lithuania	1	-	-	-	-	-
10.	Belarus	1	-	3	2	1	1
11.	Spain	1	-	-	-	-	6
12.	Egypt	1	1	1	-	-	-
13.	Iran	27	7	8	10	3	7
14.	Switzerland	-	1	-	-	-	-
15.	USA	-	2	-	-	1	1
16.	France	-	1	2	33	1	3
17.	Bulgaria	-	1	-	-	-	-
18.	Kirgizstan	-	1	5	1	2	1
19.	Israel	-	1	1	1	-	-
20.	Czech Republic	-	-	1	-	-	-
21.	Belgium	-	-	1	-	-	-
22.	Slovakia	-	-	-	3	-	-
23.	Tajikistan	-	-	-	3	-	1
24.	Uzbekistan	-	-	-	2	-	2

25.	Moldova	-	-	-	2	-	1
26.	Turkmenistan	-	-	-	1	-	-
27.	Japan	-	-	-	-	1	-
28.	Germany	-	-	-	-	1	1
29.	Syria	-	-	-	-	1	-
30.	Norway						1
31.	Hungary						1
32.	Ghana						1
33.	Uruguay						1

Organizational structure of the YSU internal quality assurance system



Strategic development programs and their implementation schedule-plans for YSU faculties and educational centers.

1. YSU Faculty of Russian Philology

“The program of strategic development of YSU Faculty of Russian Philology in 2016-2020 (schedule-plan of implementation)” - http://documentation.y-su.am/wp-content/uploads/2016/05/rus_banas.pdf

2. YSU Faculty of Radiophysics

“The program of strategic development of YSU Faculty of Radiophysics in 2016-2020 (schedule-plan of implementation)” - <http://documentation.y-su.am/wp-content/uploads/2016/05/radio.pdf>

3. YSU Faculty of Law

“The program of strategic development of YSU Faculty of Law in 2016-2020 (schedule-plan of implementation)” - <http://documentation.y-su.am/wp-content/uploads/2016/05/iravagitutyun.pdf>

4. YSU Faculty of Informatics and Applied Mathematics

“The program of strategic development of YSU Faculty of Informatics and Applied Mathematics in 2016-2020 (schedule-plan of implementation)” - <http://documentation.y-su.am/wp-content/uploads/2016/05/IKM.pdf>

5. YSU Faculty of Physics

“The program of strategic development of YSU Faculty of Physics in 2016-2020 (schedule-plan of implementation)” - <http://documentation.y-su.am/wp-content/uploads/2016/05/fiz.pdf>

6. YSU Faculty of Geography and Geology

“The program of strategic development of YSU Faculty of Geography and Geology in 2016-2020 (schedule-plan of implementation)” - <http://documentation.y-su.am/wp-content/uploads/2016/05/ashxarh-erkr.pdf>

7. YSU IT Educational and Research Center

“The program of strategic development of YSU IT Educational and Research Center in 2016-2020 (schedule-plan of implementation)” - http://documentation.y-su.am/wp-content/uploads/2016/03/TT_kentron.pdf

8. YSU Faculty of Economics and Management

“The program of strategic development of YSU Faculty of Economics and Management in 2016-2020 (schedule-plan of implementation)” - <http://documentation.y-su.am/wp-content/uploads/2016/05/tntes.pdf>

9. YSU Faculty of Philosophy and Psychology

“The program of strategic development of YSU Faculty of Philosophy and Psychology in 2016-2020 (schedule-plan of implementation)” - <http://documentation.y-su.am/wp-content/uploads/2016/05/pil.pdf>

10. YSU Faculty of Biology

“The program of strategic development of YSU Faculty of Biology in 2016-2020 (schedule-plan of implementation)” - <http://documentation.y-su.am/wp-content/uploads/2016/05/kensab.pdf>

11. YSU Faculty of Armenian Philology

“The program of strategic development of YSU Faculty of Armenian Philology in 2016-2020 (schedule-plan of implementation)” - http://documentation.y-su.am/wp-content/uploads/2016/05/hay_ban.pdf

12. YSU Faculty of Chemistry

“The program of strategic development of YSU Faculty of Chemistry in 2016-2020 (schedule-plan of implementation)” - http://documentation.y-su.am/wp-content/uploads/2016/05/dexagit_qimia.pdf

13. YSU Faculty of Mathematics and Mechanics

“The program of strategic development of YSU Faculty of Mathematics and Mechanics in 2016-2020 (schedule-plan of implementation)” - <http://documentation.y-su.am/wp-content/uploads/2016/05/mat-mex.pdf>

14. YSU Faculty of Theology

“The program of strategic development of YSU Faculty of Theology in 2016-2020 (schedule-plan of implementation)” - <http://documentation.y-su.am/wp-content/uploads/2016/05/astvacaban.pdf>

15. YSU Center for European Studies

“The program of strategic development of YSU Center for European Studies in 2016-2020 (schedule-plan of implementation)” - <http://documentation.y-su.am/wp-content/uploads/2016/03/Evropakan.pdf>

16. YSU Faculty of History

“The program of strategic development of YSU Faculty of History in 2016-2020 (schedule-plan of implementation)” - <http://documentation.yzu.am/wp-content/uploads/2016/03/patm1.pdf>

17. YSU Faculty of Journalism

“The program of strategic development of YSU Faculty of Journalism in 2016-2020 (schedule-plan of implementation)” - <http://documentation.yzu.am/wp-content/uploads/2016/05/jurnalistika.pdf>

18. YSU Faculty of Oriental Studies

“The program of strategic development of YSU Faculty of Oriental Studies in 2016-2020 (schedule-plan of implementation)” - <http://documentation.yzu.am/wp-content/uploads/2016/05/arevelagit.pdf>

19. YSU Faculty of European Languages and Communication

“The program of strategic development of YSU Faculty of European Languages and Communication in 2016-2020 (schedule-plan of implementation)” - <http://documentation.yzu.am/wp-content/uploads/2016/05/romano.pdf>

20. YSU Faculty of International Relations

“The program of strategic development of YSU Faculty of International Relations in 2016-2020 (schedule-plan of implementation)” - <http://documentation.yzu.am/wp-content/uploads/2016/05/mijaz.pdf>

21. YSU Faculty of Sociology

“The program of strategic development of YSU Faculty of Sociology in 2016-2020 (schedule-plan of implementation)” - <http://documentation.yzu.am/wp-content/uploads/2016/05/soc.pdf>