#### **BORYS GRINCHENKO KYIV UNIVERSITY**

«APPROVED»

Administrated by Scientific board of Borys
Grinchenko Kyiv University
27 April 2017, record № 4

Head of Scientific board, rector Ogneviuk V. O.

### **Education professional program**

**025.00.02** Solo singing

the first (Bachelor's) level of higher education

Field of knowledge: 02 Culture and art Specialty: 025 Musical Art

Qualification: Bachelor of Musical Art

Implemented from 01 September 2017 (order of 26 May 2017, № 348)

# APPROVAL FORM of education professional program

Department of Academic and Pop Vocal of Instit Order № 8 of <u>April 5</u> , 2017 The Head of the Department of Academic and Pop Vocal Yu. V. Merezhko	tute of Arts
Academic board of the Institute of Arts Order of April 26, 2017, № 8 The Head of Academic board	K. Yu. Batsak
The Head of Academic center of standardization and quality of education	O. V. Leontieva
Vice-rector on Academic Affairs 2017 p.	O. B. Zhyltsov

#### INTRODUCTION

The education professional program has been developed on the basis of the Law of Ukraine «On Higher Education» taking into account the Standard Project on specialty 025 Musical Art, field of knowledge 02 Culture and Art for the first (Bachelor's) higher education level by the working group composed of:

- 1. Petrykova Oksana Petrivna, Associate Professor, Honored Worker of Arts of Ukraine, Associate Professor, Department of Academic and Pop Vocal of the Institute of Arts, Head of the project group (program guarantor);
- 2. Merezhko Yuliia Valeriivna, PhD in Pedagogy, Head of the Department of Academic and Pop Vocal of the Institute of Arts; Zaverukha Olena Leonidivna, PhD in Art Study, Associate Professor of the Department of Academic and Pop Vocal of the Institute of Arts members of the project group.

#### External reviewers:

- 1. Provorova Yevhenia Mykhailivna, PhD in Pedagogy, Associate Professor of Theory and Methodology of Vocal Training, Art Faculty named after Avdiievskyi National Pedagogical Dragomanov University;
- 2. Vrubliovskyi Volodydymyr Anatoliiovych, major conductor Kyiv Municipal Academic Opera and Ballet House for Children and Youth.

The educational-professional program was introduced from 01.09.2017. The review term for the educational program is once every 2 years.

#### Undated:

Date of revision of		
EP/		
Making changes to		
EP		
Signature		
Full name of the		
EP guarantor		

0	e educational and professional program n specialty 025 «Musical art» specialization «Vocal ensemble»)
	General information
Name of the higher education institution and structural subdivision	Borys Grinchenko Kyiv University Institute of Arts
Degree of higher education and qualification	Bachelor Specialty: 025 Musical art Selective specialization: Vocal ensemble Educational program: 025.00.02 Solo singing Educational qualification: Bachelor of musical art Professional qualification: 2453.2 – ensemble performer; 3340 – primary school teacher of
Official title of program	specialized art educational institutions 025.00.02 - Solo singing
Type of diploma and the volume of the educational program	Bachelor's degree, single, 240 ECTS credits, training period-3 years 10 months
Accreditation	Accreditation Commission. Ukraine. Certificate № ND1187355 Validity-01.07.2026
Cycle / level	NQF of Ukraine-Level 7, FQ-EHEA -first cycle, FQF-LLL-Level 6
Preconditions	Full general secondary education
Language (s) of instruction	Ukrainian
Educational and professional program has been appeared	since 01.09.2017
Duration of the program	2026
Internet address of the permanent description of the educational program	http://kubg.edu.ua/informatsiya/vstupnikam/napryami- pidgotovki/magistr.html

2-Aim of educational program

To prepare a competent competitive ensemble artist, a primary school teacher of specialized art educational institutions, capable of concert-performing and vocal-pedagogical activities. To provide higher vocal education with the possibility of teaching in primary specialized art educational institutions.

Specialty (a branch of knowledge, specialty, specialization (if any)	02 Culture and art. 025 Musical art (Solo singing).
Orientation of the	Educational and professional. It is aimed at
educational	independent creative and practical activity
program	independent creative and practical activity
The main focus of	Special education in the field of musical art.
the educational	Additional specialization: vocal ensemble
	Additional specialization. Vocal ensemble
program Features of the	Training is based on a research basis.
program	Training is based on a research basis.
Suitability for	Bachelor of musical art. Jobs in educational and art
employment	institutions:
emproyment	primary school teacher of specialized art educational
	establishments (children musical schools, art schools);
	Head of children amateur clubs of solo and ensemble
	singing
	out-of-school establishments (houses of culture, houses
	of children and youth creativity);
	actor, director of vocal ensembles.
	Individual employment.
	According to the national classification of professions
	DK 003: 2010 graduates can hold such primary
	positions:
	1492 - Managers in the field of culture, recreation and
	sports
	3476 - Providers in the field of culture and art
Eusthan advantion	3479 - Other specialists in the field of culture and art.
Further education	Ability to continue education in master's programs of
	educational, scientific and educational-professional orientation.
	5-Teaching and Evaluation
Teaching and	The educational process is based on the principles of
evaluation	student-centered person-oriented learning, on the basis
	of competency, systematic, integrative approaches.
	The internal quality assurance system of the University
	carries out continuous monitoring of the quality of
	_
	-
	educational services provided by the current and final examination: written, combined, practical exams, credits, course work, current module tests, practice reports, tests, public complex qualification

musical art especially which involves the use of vocal theories and methods of making a singing voice in vocal-performing and teaching activities and is characterized by complexity, integration of arts and innovation.  General GC 1 Worldview: the presence of a value-orientation position. Cultural crudition, wide range of interests. Understanding the significance for self-development of the historical experience of mankind. Understanding the essence and social significance of the future profession.  GC 2 Civic: the ability to realize the rights and responsibilities of a citizen of Ukraine. Ability to make conscious social choice and apply democratic decision-making technologies. Ability to act with social responsibility and public consciousness.  GC 3 Communicative: the ability to interpersonal communication, emotional stability, tolerance. Ability to work in a team. Fluent Ukrainian in accordance with the norms of the speech culture. Ability to communicate in a foreign language professionally.  GC 4 Informational: the ability to independent search and process information from different sources to address specific issues. Ability to effective use of information technology in social and professional activities.  GC 5 Scientific research: the ability to perform educational and research tasks on the basis of analytical and synthetic thinking activity. Possession of scientific research methods in accordance with the professional direction. Awareness of the peculiarities of the project activity, readiness for its realization. Critical awareness and intellectual honesty. Ability to non-standard solutions of typical tasks and the ability to solve non-standard tasks.  GC 6 Self-education: the ability to self-cognitive activity, self-organization and self-development. Focus on the disclosure of personal creative potential and self-realization. Aspiration for personal and professional leadership and success.		examination.
Integral competence  The ability to solve specialized problems and practical problems in the process of vocal training in the field of musical art especially which involves the use of vocal theories and methods of making a singing voice in vocal-performing and teaching activities and is characterized by complexity, integration of arts and innovation.  General competence (GC)  GC 1 Worldview: the presence of a value-orientation position. Cultural erudition, wide range of interests. Understanding the significance for self-development of the historical experience of mankind. Understanding the essence and social significance of the future profession. GC 2 Civic: the ability to realize the rights and responsibilities of a citizen of Ukraine. Ability to make conscious social choice and apply democratic decision-making technologies. Ability to act with social responsibility and public consciousness. GC 3 Communicative: the ability to interpersonal communication, emotional stability, tolerance. Ability to work in a team. Fluent Ukrainian in accordance with the norms of the speech culture. Ability to communicate in a foreign language professionally.  GC 4 Informational: the ability to independent search and process information from different sources to address specific issues. Ability to effective use of information technology in social and professional activities.  GC 5 Scientific research: the ability to perform educational and research tasks on the basis of analytical and synthetic thinking activity. Possession of scientific research methods in accordance with the professional direction. Awareness of the peculiarities of the project activity, readiness for its realization. Critical awareness and intellectual honesty. Ability to non-standard tasks.  GC 6 Self-education: the ability to self-cognitive activity, self-organization and self-development. Focus on the disclosure of personal creative potential and self-realization. Aspiration for personal and professional leadership and success.		6-Program competencies
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Professional PC 1 Organizational: the ability to plan, organize,	General competence (GC)	GC 2 Civic: the ability to realize the rights and responsibilities of a citizen of Ukraine. Ability to make conscious social choice and apply democratic decision-making technologies. Ability to act with social responsibility and public consciousness.  GC 3 Communicative: the ability to interpersonal communication, emotional stability, tolerance. Ability to work in a team. Fluent Ukrainian in accordance with the norms of the speech culture. Ability to communicate in a foreign language professionally.  GC 4 Informational: the ability to independent search and process information from different sources to address specific issues. Ability to effective use of information technology in social and professional activities.  GC 5 Scientific research: the ability to perform educational and research tasks on the basis of analytical and synthetic thinking activity. Possession of scientific research methods in accordance with the professional direction. Awareness of the peculiarities of the project activity, readiness for its realization. Critical awareness and intellectual honesty. Ability to non-standard solutions of typical tasks and the ability to solve non-standard tasks.  GC 6 Self-education: the ability to self-cognitive activity, self-organization and self-development. Focus on the disclosure of personal creative potential and self-realization. Aspiration for personal and professional
CUMPELENCIES LECT LECARMINATE MANITAR AND AVAIDATE THE ACTIVITY AND	Professional	PC 1 Organizational: the ability to plan, organize,

interaction of subjects of musical-performing and musical-educational process.

Ability to organize the work of musical-creative groups, school vocal clubs.

PC 2 Musical informational and technological: the ability to search the musical material on the Internet, repertoire collections, teaching aids indivdually. The ability to use Soundforge, Trancescrabe, Time Factore, Final, Sibelius, etc.

Possession of elementary sound recording technology. Ability to work with a microphone, sound amplifier and sound reproducing equipment.

PC 3 Art studies: possession of basic knowledge in the history of arts and the theory of vocal performance. Knowledge of the features of professional and amateur vocal performances. Understanding the differences of academic, pop, jazz and folk singing.

PC 4 Musical-theoretical: the ability to read music notes from a sheet. Skill possession of solfunging of one-way and multi-voiced musical material. Development of internal hearing and functional vocal hearing.

Ability to apply in the process of learning and professional activity knowledge about the theory of music, harmony, analysis of musical forms, polyphony. The formation of the musical and theoretical thesaurus.

PC Vocal-performing: possession of vocal technique (singing posture, sound formation, pure sonorous intonation, developed breathing and sound behavior, sound attack, high singing position, diction, articulation, working range, etc.). Ability to reveal the best artistic properties of the singer's voice (vibration, timbre, flight, mobility, etc.). Ability to sing with and without accompaniment. Formation of ensemble singing skills. The presence of an individual vocal-performing manner.

PC 6 Vocal scenic: the ability to creative interpretation of vocal works. Presence of the creative image. Formation of stage culture and verbal and non-verbal communication skills with the audience during the performing. Possession of acting and stage movement skills. Ability to produce concert performances. Ability to work with different types of microphones.

PC 7 Vocal-methodical: possession of the voice training method, methods of development of vocal technique, singing culture, creative potential of the singer.

Knowledge of the principles of the singing voice classification and the ability to determine the type of voice of the singer correctly.

The ability to design vocal and pedagogical repertoire for different types of singing voices (children, adults). Possession of the methodology to work on vocal exercises, vocalies, vocal works of various forms, genres and styles.

Ability to apply acquired knowledge and skills in the process of teaching solo singing in primary specialized art educational institutions.

PC 8 Instrumental-performing: the ability to apply instrumental-performing skills in educational, pedagogical and concert-performing activities. Knowledge of instrumental-pedagogical repertoire and possession of methodology to work on works of various forms, genres and styles.

### 7-Program learning results

PLR 1 The formation of a worldview, an active civic position, and common culture. Ability to analyze and interpret social and cultural-artistic phenomena and processes, to prove their own evaluative views.

PLR 2 Ability to interpersonal communication, emotional stability, tolerance. Ability to work in a team (musical and creative team). Fluent Ukrainian in accordance with the norms of the speech culture, the basics of communication in foreign languages..

PLR 3 Ability of effective usage of information technology in social and professional activities. Possession of elementary sound recording technology. Ability to work with a microphone, sound amplifier and sound reproducing equipment.

PLR 4 Ability to research in the field of vocal performance and vocal pedagogy. Mental activity, creative approach to solving non-standard tasks.

PLR 5 Readiness to plan and organize vocal-performing and vocal-pedagogical process, artistic programs and projects.

PLR 6 Ability to apply knowledge on the history of arts, history and theory of music, solfeggio, harmony, polyphony, analysis of musical forms in vocal-performing and vocal-pedagogical activities. Possession of the skills of singer's vocal ear

development.

PLR 7 The formation of vocal technique, the sound culture, the skills of solo and ensemble singing, individual performance manners. Ability to interpret the vocal works creatively.

PLR 8 Ability to perform public vocal and concert performances. Possession of acting skills and the skills of the stage movement.

PLR 9 Possession of the method of setting and development of the singer's voice, methods of work on vocal repertoire for different types of voices. Readiness to teach primary pupils'solo singing of specialized art educational institutions.

PLR 10 Possession of playing piano in the volume necessary for vocal-performing and vocal-pedagogical activity. Ability to play simple piano accompaniment to vocal exercises, vocals and vocal works, scores for vocal ensembles.

PLR 11 The desire for personal and professional leadership and success. Focusing on the individual creative potential realization and self-realization. Ability to self-education, self-organization, reflection, self-correction and self-improvement.

### 8-Resource provision of the program implementation

Staffing provision

The staffing of the educational program consists of the faculty of the Departments of Academic and Pop Vocal, Instrumental and Performing Arts, Theory and Methodology of Musical Education, Choreography, Fine Arts of Institute of Arts; the Department of Philosophy, History of Ukraine of Historical and Philosophical faculty; the Department of Sports and Fitness of Faculty of Health, Physical Education and Sports; Romance Philology and Comparative-Typological Linguistics.

The practice-oriented nature of the educational program involves a wide participation of practitioners, corresponding to the direction of the program, which enhances the synergy of practical and theoretical training.

The head of the project group and the teaching staff, which ensures its implementation, meets the requirements defined by the License conditions for the implementation of educational activities of educational institutions.

Material and	The rooms for individual classes are equipped with
technical support	professional equipment: Alto acoustic systems,
	Yamaha mixing consoles, Beringer EPA-900 sound
	amplifiers with microphones and material: microphone
	stands, piano "Ukraine", "Weinbach", "Petrof", grand
	piano "Estonia".
	Lecture classrooms with information and
	communication technical equipment (computers,
	SMART Boards).
Information and	Visual teaching aids - textbooks, teaching and
educational-	repertoire from the funds of the department, library
methodological	electronic resources, electronic scientific publications,
provision	e-learning courses with the possibility of distance
	learning and independent work, Microsoft cloud
	services.
	Practical training centres:
	- educational laboratory of performing skills.
	9-Academic mobility
National credit	
mobility	
International credit	
mobility	
Training of foreign	
applicants to	
higher education	

# II. The list of components of the educational-professional program and their logical order

### 2.1. 2.1. EPPcomponents

The code	The code	components of the educational-	The number of	The form of final
of the	(s/d, pr.,	professional program(study	credits	control
compone	cert.)	disciplines, course projects, practice, qualification work)		
nt			D D	<u> </u>
		I. Compulsory EPR of		
		1. Compulsory EPP co General Competence Fo		
CC 1	CDG.01	University studios	4	credit
CC 2	CDG.02	Ukrainian studios	6	examination
CC 3	CDG.03	Philosophical studios	4	examination
CC 4	CDG.04	Physical Education	4	credit
		Professional Competence	Formation	
CC 5	CDP.1	Solo singing	20	credit, examination
CC 6	CDP.2	Work with the concertmaster and	8	credit
	021.2	the vocal repertoire	· ·	010011
CC 7	CDP. 3	Pianoforte	8	credit, examination
CC 8	CDP.4	Choreography	12	credit, examination
CC 9	CDP.05	Scenic skill (stage language, stage movement)	9	examination
CC 10	CDP.6	Acting Skills	6	examination
CC 11	CDP.7	Concerted Number Production	7	examination
CC 12	CDP.8	Foreign Language:	14	
		English Language	10	examination
		Italian Language	4	credit
CC 13	CDP.9	Musical and Theoretical Studios:	20	
		Musical Theory	4	examination
		Solfeggio	12	examination
		Harmony	4	examination
CC 14	CDP.10	History of Music:	9	
		History of Foreign Music	5	examination
		History of Ukrainian Music	4	credit
CC 15	CDP.11	History of Arts:	8	
		History of Foreign Fine Art	2	credit
		History of Theatrical Art	2	credit
_		History of Vocal Art	2	credit

		History of Pop Art	2	credit
CC 16	CDP.12	ICT in Art	4	credit
CC 17	CDP.13	Musical Pedagogy	5	examination
CC 18	CDP.14	Vocal Singing Methodology	5	examination
		(voice protection)		
		2. Practice		•
CC 19	PP.1	Concert (inseparable)	12	credit
CC 20	PP.2	Pedagogical (inseparable)	12	credit
		3. Review		•
CC 21	SP.1	Complex Qualificational	1,5	examination
		Examination in Solo Singing		
CC 22	SP.2	Complex Qualificational	1,5	examination
		Examination in Pedagogy and		
		Methodology		
	The to	tal amount of compulsory compone		180 credits
		II. Optional EPI	P	
		4. Optional EPP comp	onents	
		4.1. Choice of specialization «V	ocal Ensemble»	
		4.1.1. Educational Su	•	
SC 1.1	SDS.1.01	Pop Vocal Ensemble / Chamber	16	credit, examination
		Ensemble		
SC 1.2	SDS.1.02	Jazz Solfeggio and Jazz	6	examination
		Improvisation /Opera Class		
SC 1.3	SDS.1.03	Methodology to Work with Vocal	5	examination
		Ensemble		
SC 1.4	SDS.1.04	Conductor Class		
		Score Reading for Vocal	5	credit
		Ensemble		
		Conducting	5	examination
		4.1.2. Practice		<del>_</del>
SC 1.5	SD.1.01	Vocal and Ensemble practice	3	credit
BC 1.5				
50 1.5		(inseparable)		
		(inseparable) total amount of optional component size of the educational-professiona		60 credits 240 credits

### 2.2. EPP Structural-logical scheme

I course	II c	ourse	III co	ourse	IV course				
1 term 2 term	3 term	4 term	5 term	6 term	7 term	8 term			
University studios Ukrainian studios		Philosophical							
(4 credits) (6 credits)		studios (4 credits)							
Physical Education (2+2 credits)									
Foreign Language – English Language	(4+4+2 credits)								
Foreign Language – Italian Language (2+2									
credits)									
	Sc	lo singing (2+2+2+2+2	2+2+4+4 credits)			•			
	Work with the concerts	master and the vocal rep	pertoire (1+1+1+1+1	+1+1+1 credits)					
		ianoforte (1+1+1+1+1		•					
		`		2+2+2+2 credits)					
Scenic skill (stage language, stage	movement) (3+2+2+2+2	credits)							
		ng Skills (2+2+2+2 cre	edits)						
			,	Concerted	d Number Production	n (2+2+3 credits)			
	Musical and Theoret	cal Studios:							
Musical Theory (2+2 credits)									
	(2+2+2+2+2+2  cred)	its)							
Solloggio			Harmony (2	2+2 credits)					
History o	of Arts:		i i i i i i i i i i i i i i i i i i i						
History of Foreign Fine History of	History of Vocal	History of Pop Art							
Art (2 credits) Theatrical Art	Art	(2 credits)							
(2 credits)	(2 credits)	(2 creates)							
History of	` ,								
History of Foreign Music (3+2 credits)		krainian Music							
Thistory of Foreign Wasie (5+2 creatis)		credits)							
ICT in Art	(212								
(2+2 credits)									
(2+2 eredies)			Vocal Singing Me	ethodology (voice					
			protec						
			(3+2 c						
	Musical Pedago	ogy (3+2 credits)	(5.20						
	1.1351vai 1 vaag	6, (2.2000)			Practice – Cond	cert (inseparable) (6+6			
						credits)			
				1		ogical (inseparable) (6+6			
					_	credits)			
						Review			
						Complex Qualification			
						Examination in Solo			
						Singing (1,5 credits)			
						Complex			

				Qualificational Examination in Pedagogy and Methodology (1,5 credits)					
	Optional EPP con								
	Choice of specialization «								
	Pop Vocal I	Ensemble / Chamber Ensemble (3+2+3+							
		Jazz Solfeggio and Jazz Improvisat	ion /Opera Class						
		(2+2+2 credits)							
		Methodology to Work with Vocal							
		Ensemble (2+3 credits)							
		Conductor Class							
		Score Reading for Vocal Ensemble (2+2+1 credits)							
		Conducting (2+3 credits)							
			Vocal and						
			Ensemble						
			practice						
			(inseparable)						
			(3 credits)						
Compuls	ory EPP	Opt	ional EPP						
180 cre	dits		60 credits						

## III. The form of certification of applicants for higher education

Certification of graduates of the educational and professional program of specialty 025 «Musical art» is carried out in the form of public passing of Complex Qualificational Examination in Solo Singing and Complex Qualificational Examination in Pedagogy and Methodology and ends with the issuance of the document of the established sample on awarding the bachelor's degree with qualification: Bachelor of Musical Art with additional specialization "Vocal ensemble").

The certification is carried out openly and publicly.

# IV. The matrix of compliance of program competences with educational and professional program components

Signs of program competences and educational	CC 1	CC 2	CC 3	CC 4	CC 5	9 22	CC 7	8 DD	6 22	CC 10	CC 11	CC 12	CC 13	CC 14	CC 15	CC 16	CC 17	CC 18	CC 19	CC 20	CC 21	CC 22	SC 1.1	SC 1.2	SC 1.3	SC 1.4	SC 1.5
GC 1	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+			+	+	+	+	+
GC 2	+	+	+		+		+				+	+		+	+		+	+	+	+					+	+	+
GC 3	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC 4	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC 5	+	+	+		+		+		+	+		+	+	+	+	+	+	+	+	+	+	+			+	+	+
GC 6	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PC 1				+	+	+	+	+	+	+	+						+	+	+	+	+	+	+		+	+	+
PC 2					+	+					+					+		+	+	+	+	+	+		+	+	+
PC 3					+	+	+		+		+			+	+		+	+	+	+	+	+	+	+	+	+	+
PC 4					+	+	+						+					+	+	+	+	+	+	+	+	+	+
PC 5					+	+							+						+	+	+	+	+	+	+	+	+
PC 6				+	+	+		+	+	+	+					+			+		+		+		+	+	+

PC 7			+	+	+						+	+	+	+	+	+	+		+	+	+
PC 8			+	+	+			+	+		+	+	+	+		+	+	+	+	+	+

# V. The matrix providing program studying results for the relevant components of the educational and professional program

Signs of program-learning results and education al componen ts	CC 1	CC 2	CC 3	CC 4	CC 5	9 DD	CC 7	8 DD	6 22	CC 10	CC 11	CC 12	CC 13	CC 14	CC 15	CC 16	CC 17	CC 18	CC 19	CC 20	CC 21	CC 22	SC 1.1	SC 1.2	SC 1.3	SC 1.4	SC 1.5
PLR 1	+	+	+	+	+	+	+	+	+	+	+	+		+	+		+	+	+	+	+		+		+	+	+
PLR 2	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PLR 3					+	+		+	+	+	+					+			+	+	+		+				+
PLR 4					+	+	+	+	+	+	+		+	+	+		+	+	+	+	+	+	+	+	+	+	+
PLR 5					+	+		+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+
PLR 6					+	+	+						+	+	+			+	+	+	+	+	+	+	+	+	+
PLR 7					+	+							+	+	+					+	+	+	+	+	+	+	+
PLR 8				+	+	+		+	+	+	+								+		+		+		+		+
PLR 9					+	+	+						+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

PLR 10					+	+	+						+					+	+	+			+	+	+	+	+
PLR 11	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+