

9-10-2020

## FORMATION OF PROFESSIONAL COMPETENCE OF BIOLOGY STUDENTS IN ENGLISH CLASSROOM

Mamura Bokijonovna Yuldasheva

*Namangan State University Teacher at the Department of Interfaculty Foreign Languages*

Follow this and additional works at: <https://uzjournals.edu.uz/namdu>



Part of the [Education Commons](#)

---

### Recommended Citation

Yuldasheva, Mamura Bokijonovna (2020) "FORMATION OF PROFESSIONAL COMPETENCE OF BIOLOGY STUDENTS IN ENGLISH CLASSROOM," *Scientific Bulletin of Namangan State University*. Vol. 2 : Iss. 9 , Article 51.

Available at: <https://uzjournals.edu.uz/namdu/vol2/iss9/51>

This Article is brought to you for free and open access by 2030 Uzbekistan Research Online. It has been accepted for inclusion in Scientific Bulletin of Namangan State University by an authorized editor of 2030 Uzbekistan Research Online. For more information, please contact [sh.erkinov@edu.uz](mailto:sh.erkinov@edu.uz).

---

## FORMATION OF PROFESSIONAL COMPETENCE OF BIOLOGY STUDENTS IN ENGLISH CLASSROOM

Cover Page Footnote

???????

Erratum

???????

ISSN:2181-0427

**ЎЗБЕКИСТОН РЕСПУБЛИКАСИ  
ОЛИЙ ВА ЎРТА МАХСУС  
ТАЪЛИМ ВАЗИРЛИГИ**

**НАМАНГАН ДАВЛАТ УНИВЕРСИТЕТИ  
ИЛМИЙ АХБОРОТНОМАСИ**

**НАУЧНЫЙ ВЕСТНИК НАМАНГАНСКОГО  
ГОСУДАРСТВЕННОГО УНИВЕРСИТЕТА**



**2020 йил 9 сон**

## FORMATION OF PROFESSIONAL COMPETENCE OF BIOLOGY STUDENTS IN ENGLISH CLASSROOM

Yuldasheva Mamura Bokijonovna

Namangan State University

Teacher at the Department of Interfaculty Foreign Languages

Phone: 998 94 156 99 44 e-mail: [mamuraxon8588@gmail.com](mailto:mamuraxon8588@gmail.com)

***Annotation:** The article presents the effectiveness of the formation of linguistic, lexical, speech, discursive, communicative competencies among students of the Faculty of Biology. In order to achieve this goal, professionally oriented and competence-based approaches have been suggested, referring reconstructing of the content of training sessions and tasks for students, which is tailored at motivating students' interest.*

***Key words:** professional competence, means, biologists, communication, motivation*

## ИНГЛИЗ ТИЛИ ДАРСЛАРИДА БИОЛОГИЯ ЙЎНАЛИШИ ТАЛАБАЛАРИНИНГ КАСБИЙ КОМПЕТЕНТЛАРИНИ РИВОЖЛАНТИРИШ

Юлдашева Маъмура Боқижоновна

Наманган давлат университети

Факультетлараро чет тиллар кафедраси ўқитувчиси

Тел: 998 94 156 99 44 e-mail: [mamuraxon8588@gmail.com](mailto:mamuraxon8588@gmail.com)

***Аннотация:** Ушбу мақолада биология факультети талабалари ўртасида лингвистик, лексика, нутқ ва коммуникатив компетенцияларининг такомиллаштиришининг самарадорлиги ҳақида сўз боради. Бу мақсадга эришиш учун талабаларнинг қизиқишларини оширишга мўлжалланган топшириқ ва дарс машгулотларининг таркибини қайта ташкиллаштириш орқали касбий компетенцияларига асосланган ёндашувлар таклиф қилинади.*

***Калит сўзлар:** касбий компетенция, восита, биологлар, коммуникация, мотивация*

## РАЗВИТИЕ ПРОФЕССИОНАЛЬНЫХ КОМПЕТЕНЦИЙ БИОЛОГИЧЕСКИХ СТУДЕНТОВ В АНГЛИЙСКОМ ЯЗЫКЕ

Юлдашева Мамура Бакижоновна

Наманганский государственный университет

Преподаватель кафедры межфакультетских иностранных языков

Тел: 998 94 156 99 44 e-mail: [mamuraxon8588@gmail.com](mailto:mamuraxon8588@gmail.com)

***Аннотация:** В статье представлены проблемы эффективности формирования лингвистических, лексических, речевых, дискурсивных, коммуникативных компетенций у студентов биологического факультета. Для достижения этой цели были применены профессионально ориентированные и компетентностные подходы, относящиеся к восстановлению содержания учебных сессий и заданий для студентов, которые ориентированы на мотивацию интересов студентов.*



*Ключевые слова: профессиональная компетентность, средства, биологи, общение, мотивация.*

In the world of increasing globalization, the need for the training of highly qualified natural specialists who speak English has become actual. For a modern specialist, not only communication is important with foreign partners, but also the ability to use knowledge of the English language in professional activities. In connection with this, the requirements for language training and the level of proficiency in professional competencies of a graduate of the biological faculty of a university are increasing. However, Educational Standard of Higher Education currently includes only one general cultural competence related to the study of foreign languages namely the ability to communicate in oral and written forms in foreign languages to solve problems of interpersonal and intercultural interaction. Considering that the growing need for proficiency in English by specialists, there is a contradiction between the modern requirements of society and the requirements of the Educational Standard of Higher Education. It should be admitted that there is not enough research into the improving of professional competencies in biology students through the study of the English language. A priority task in teaching English is the formation of professional competencies aimed at the practical use of English as a tool for realizing professional interests. As a rule, studies aimed at studying English at a university pay attention to interaction with people from different countries and cultures.

Professionally oriented teaching of a foreign language at non-linguistic faculties of universities is considered from the point of view of interdisciplinary coordination and intercultural interaction [1]. Based on the theories of the competence-based approach, it should be said that by competencies we mean knowledge, skills and the ability to apply them in various situations. The specificity of the formation of professional competencies in the process of studying English by students of the Faculty of Biology of the university is that the language acts as a means, and as a tool and basis for the formation of professional competencies. Professional success will not be achieved without proficiency in English. Therefore, there is a need not only in the selection of the content of educational material, but also in the application of innovative approaches and pedagogical technologies. In this case, it is necessary to use design technology, which is based on didactic principles, problem learning procedures.

Analysis of pedagogical experience and real practice shows that the complexity of the formation of professional competencies in the study of English among biology students lies in the fact that students need to form a package of professional competencies, while taking into account their internal consistency. In this regard, the following tasks are being clarified: to pay attention to the formation of speech and discursive competences; to form an English-language vocabulary on biological topics; draw up individual routes for mastering the language, in order to awaken motivation for learning a foreign language.

As a rule, in the educational process, more attention is paid to the communicative function of English, aimed at interpersonal and intercultural interaction [4]. Therefore, the development of language, speech and communicative competencies is limited, since it does not take into account the professional activities of future specialists. In this regard, the problem arises of forming discursive competence as the ability to understand the

realities of the country under study, as well as the biological diversity and resources of the country, knowledge of biographies and basic research of leading biologists. Discursive competence is the ability to perceive various types of discourses, which allows you to build a strategy of behavior and a background context in the process of professional communication. The formation of lexical competence allows you to meaningfully form vocabulary, fill it with a variety of terms in the framework of professional activity. Based on the experience of conducting classes and taking into account that passive knowledge of the language prevails among students, in our opinion, an emphasis should be placed in training sessions and in extracurricular activities on a combination of intensive and extensive reading of thematic texts. The text should attract a variety of vocabulary and, accordingly, expand the vocabulary of students. The interrelation of both the text and the oral situation allows you to expand the lexical field, it is easier to carry out word usage, and the thematic text allows you to combine lexical and semantic types [3].

The process of forming professional competencies in the study of English by students, future biologists, acts as an integral characteristic of achieving the main result. The introduction of integral competence, ensuring communication in English in the field of professional discourse, and the readiness to interact in a professional English-speaking environment will increase the effectiveness of students' language training.

Therefore, the introduction of professional competencies, reflecting the integral nature of the formation of competencies in the classroom for learning English, is an urgent need [2]. It should be noted here that for the effective implementation of English-language communication for students of a natural profile, the need for skills and competencies in listening comprehension and speaking is revealed. For successful mastering of English-speaking communication in the field of professional activity, attention should be paid to the formation of speech competencies. It is most advisable to form these competencies in creating an environment of professionally oriented English-speaking communication, which implies a combination of learning English as a means of mastering one's specialty and as a means of expanding professional communication. This necessitates changes in the content of education and the structure of training sessions. It is necessary to shift the emphasis in the content of the thesaurus, to increase attention to the training on the speech activity of students.

A pedagogical analysis of the existing practice shows that traditional education does not fully achieve the goal of forming professional competencies. Therefore, the proposed approach allows you to get more durable results in teaching and English language proficiency by students of the Faculty of Biology for the purpose of professional-oriented use of the language. When organizing training sessions, one should pay attention to the following:

- types of speech practice should be related to the specifics of the specialty being acquired;
- verbal interaction should correspond to the set goals, for which it is necessary to organize not only intra-group communication, but also the purposeful implementation of independent work by students;
- focusing on speech content rather than grammar rules.

Improving of professional competencies requires the development of listening and speaking skills in English, taking into account professional training and the scope of the language in future professional activities. Analysis of the process of teaching English, the content of educational texts, assignments, exercises, as well as the organization of forms and methods of educational activities led us to the implementation of a multilevel approach to teaching. This approach implies highlighting the individual route of language acquisition in order to form a positive motivation for language learning. This approach allows you to gradually align the level of knowledge in the study group, which subsequently opens up the possibility of using various forms of classes, organizing intra-group communication, as well as the practical manifestation of knowledge of the English language in the form of role-based trainings, presentations, preparation of articles and participation in scientific conferences.

The conditions for the formation of professional competencies are the building of individual professionally-oriented routes for learning the language, leveling the level of training in the study group by organizing intra-group communication in English. In classroom activity, it is important to expand vocabulary on professional topics by combining intensive and extensive reading of texts. Extensive reading presupposes an emphasis on the correct interpretation of texts. We believe that a combination of intensive and extensive reading is important. Methodologically important is the importance of thematic texts as the basis for expanding the vocabulary and lexical-semantic typology. In real practice, using this approach, when appropriate, helps to enhance and intensify the learning process [5]. The selection of educational content should be constantly improved and updated on the basis of modern data from biological science, which also increases the interest and motivation of students. The level of formation of professional competencies among students - future biologists is determined by the following indicators:

- proficiency in vocational lexical units;
- readiness for speech activity, which is manifested in the realization of potential in foreign language professional communication;
- the ability to use ICT in language learning;
- readiness for creative self-realization within the framework of professional activity, which indicates a formed motivation for learning English.

Thus, the process of forming professional competencies is not confined to the framework of the educational process. Increasing the student's subjectivity and motivation to learn English allows you to launch a mechanism for the continuous formation of professional competencies in students. The introduction of general professional competence in Higher Education namely the ability to use knowledge of a foreign language in professional activity will allow to develop the process of competencies in English classes and will meet modern realities.

#### **References:**

1. Morozova G.N. Modern requirements for the competences and content of higher professional education: a collection of scientific articles. - Kazan, 2009, p – 100
2. Pokushalova L.V. Formation of a foreign language professionally oriented competence among students of a technical university– 2011, № 3. p – 151-154



3. Fedotkina E.V. Professional orientation of teaching a foreign language. 1856-1860. - URL: <http://e-koncept.ru/2016/96290.htm>.
4. Aleshanova I.V., Frolova N.A. Development of discursive competence in foreign language classes at the university. – 2014, № 11. p - 92-95
5. Obraztsov PI, Ivanova O.Yu. Professionally oriented teaching of a foreign language at non-linguistic faculties of universities // Orel: OSU. - 2005. p - 102

### **ИЛГОР ХОРИЖИЙ ДАВЛАТЛАР ОЛИЙ ТАЪЛИМ МУАССАСАЛАРИДА КОРПОРАТИВ БОШҚАРУВНИНГ ТАШКИЛИЙ-ПЕДАГОГИК ХУСУСИЯТЛАРИ**

Абдурасулов Абдуллажон Абдукаримович

Кўқон давлат педагогика институти мустақил тадқиқотчиси

*Аннотация:* Ушбу мақолада ривожланган давлатларнинг олий таълим муассасаларидаги энг самарадор бошқарув модели бўлган корпоратив бошқарув усулининг ижобий жиҳатлари, ўзига хос ташкилий, педагогик тамойиллари, бошқарув жараёнига татбиқ этиш усуллари таҳлил қилинган.

*Калит сўзлар:* олий таълим, бошқарув, бошқарув усуллари, корпоратив бошқарув, бошқарувда мустақиллик, бошқарувда ҳисобдорлик, бошқарувда овоз бериш, корпоратив бошқарув тамойиллари.

### **ОРГАНИЗАЦИОННО-ПЕДАГОГИЧЕСКИЕ ОСОБЕННОСТИ КОРПОРАТИВНОГО УПРАВЛЕНИЯ В ВЫСШИХ ОБРАЗОВАТЕЛЬНЫХ УЧРЕЖДЕНИЯХ РАЗВИТЫХ ЗАРУБЕЖНЫХ СТРАН**

Абдурасулов Абдуллажон Абдукаримович

Независимый исследователь Кокандского государственного педагогического института

*Аннотация:* В данной статье проанализированы положительные аспекты, специфические организационные, педагогические принципы, методы внедрения в управленческий процесс, методы корпоративного управления, являющиеся наиболее эффективной моделью управления в высших учебных заведениях развитых государств.

*Ключевые слова:* высшее образование, управление, методы управления, корпоративное управление, независимость в управлении, подотчетность в управлении, голосование в управлении, принципы корпоративного управления.

### **ORGANIZATIONAL AND PEDAGOGICAL FEATURES OF CORPORATE GOVERNANCE IN HIGHER EDUCATIONAL INSTITUTIONS OF ADVANCED FOREIGN COUNTRIES**

Abdurasulov Abdullajon Abdukarimovich

Independent researcher of the Kokand State Pedagogical Institute

*Annotation:* This article analyzes the positive aspects of the corporate governance method, specific organizational, pedagogical principles, methods of application to the management process,



46	Қалбимизга яқин одамлар Тўйчиев А.Х. ....	268
47	Ўзбек тилшунослиги атамалари тарихидан Бобомуродова Ш.Э. ....	272
48	Таржимашуносликда экзотизм тушунчаси ва унинг тавсифи ҳақида Дехқонов И. ....	277
	<b>13.00.00</b>	
	<b>ПЕДАГОГИКА ФАНЛАРИ ПЕДАГОГИЧЕСКИЕ НАУКИ PEDAGOGICAL SCIENCES</b>	
49	Олимпия таълими дастурларининг мазмуни Мамажонов Д.А, Тураев В.Б. ....	282
50	On the questions of improving the professional skills of the teacher Rakhmatova O. ....	290
51	Formation of professional competence of biology students in english classroom Yuldasheva M. B. ....	294
52	Илғор хорижий давлатлар олий таълим муассасаларида корпоратив бошқарувнинг ташкилий-педагогик хусусиятлари Абдурасулов А.А. ....	298
53	Бўлажак муҳандисларнинг илмий-тадқиқот компетентлигини шакллантириш жараёнини моделлаштириш Ахмедов А.Б. ....	303
54	Ал Хоразмийнинг меросни тақсимлаш ҳақидаги қарашлари ва унинг ++builder алгоритмик тилидаги дастури Арипов М.М.,Орипова У. ....	308
55	Мактабгача таълим ташкилоти тарбиячиларининг касбий маҳоратини ошириш йўллари Бердалиева Г.А. ....	315
56	Ажиниёз шоир ижодида фалсафа ва дунёқараш Таспанова Ж.К. ....	320
57	Некоторые аспекты в подготовке детей дошкольного возраста к программированию Икромова М.Н. ....	326
58	Бўлажак дастурчиларни касбий фаолиятга тайёрлашда дастурий воситалар имкониятларидан фойдаланиш методикаси Тўраев М.Ф. ....	332
59	Maple tizimi yordamida tekislikda vektorlarni qo'shishning animatsiya usulidan foydalanib talabalarning matematik kompetentligini rivojlantirish orqali o'qitishning sifat va samaradorligini oshirish Mirzakarimov E. M, Fayzullayev J. I. ....	337
60	Ўзбекистон-япония таълим тизими ривожланиш истиқболлари Хошимов Ф.Ф. Эгамбердиева Р. Файзуллаева М.Ф. ....	343