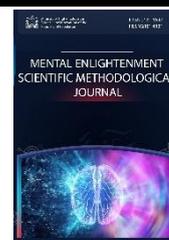




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DEVELOPMENT AND STABILIZATION PROCESSES OF PROFESSIONAL LEXICON IN MODERN ENGLISH

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ABOUT ARTICLE

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Kalit soʻzlar: talabalar, jismoniy tayyorgarlik darajasi koʻrsatkichlari, statistik tavsiflar, amplituda, mashqlar majmuasi, pay refleksi.

Ключевые слова: Профессиональный лексикон, терминология, лексическое развитие, стабилизация, профессиональная речь, языковая политика, лингвокультурология, терминологическая система, дискурсивный анализ.

Abstract. This article analyzes the processes of formation, development, and stabilization of professional lexicon in modern Uzbek and English professional discourse. The study focuses on the emergence, semantic stabilization, and normalization mechanisms of professional vocabulary. The article substantiates the importance of regulating terminological systems in the context of globalization and digitalization.

Annotatsiya: Ushbu maqolada zamonaviy o'zbek va ingliz professional nutqida kasbiy leksikaning shakllanishi, rivojlanishi va barqarorlashuvi jarayonlari tahlil qilinadi. Tadqiqot professional lug'atning paydo bo'lishi, semantik barqarorligi va normalizatsiya mexanizmlariga qaratilgan. Maqolada globallashtirish va raqamlashtirish sharoitida terminologik tizimlarni tartibga solish muhimligi asoslab berilgan.

Аннотация: В данной статье анализируются процессы формирования, развития и стабилизации профессионального лексикона в современном узбекском и английском профессиональном дискурсе. Исследование сосредоточено на механизмах возникновения, семантической стабилизации и нормализации профессиональной лексики. В статье обосновывается важность регулирования терминологических систем в контексте глобализации и цифровизации.

INTRODUCTION

In modern society, the rapid development of science, technology, education, medicine, and industry leads to continuous enrichment of professional vocabulary. Each new concept emerging in specialized fields requires adequate linguistic representation.

Professional lexicon represents a complex system of lexical units expressing concepts related to specific professional activities. Its stability and standardization ensure the effectiveness of professional communication and knowledge transmission.

In Uzbekistan, terminology studies have been actively developing since independence. State language policy, academic institutions, and educational standards play a crucial role in regulating professional vocabulary. In the context of international communication, English professional terminology also influences national terminological systems.

The aim of this study is to analyze the development and stabilization processes of professional lexicon from a functional-semantic and linguocultural perspective.

The objectives of the study are:

- to identify major tendencies in terminological development;
- to analyze stabilization mechanisms;
- to examine institutional and cultural influences;
- to provide statistical and contextual evidence.

Modern terminology theory emphasizes the dynamic nature of professional vocabulary. Cabré (1999) considers terminology as an interdisciplinary field combining linguistics, cognition, and communication. Sager (1990) highlights the importance of standardization for professional interaction.

Uzbek linguists such as Karimov (2018) and Yuldoshev (2020) focus on national terminology formation and language policy. Rahmatullayev (2016) analyzes lexical processes in contemporary Uzbek.

Methodology

Recent studies stress the role of digital technologies and globalization in accelerating term formation and diffusion. These processes require continuous linguistic monitoring and regulation.

The empirical corpus includes:

- scientific articles and dissertations;
- university textbooks;
- technical and economic documents;
- terminological dictionaries;

-mass media materials.

Approximately 600 terminological units were selected from texts published between 2015 and 2024.

The following methods were applied:

- descriptive analysis;
- semantic analysis;
- comparative method;
- contextual interpretation;
- functional approach;
- quantitative analysis.

Results and discussion

These methods enabled systematic examination of terminological development patterns.

Table 1.

Field	Number	Percentage
Information Tech	180	30%
Economics	140	23%
Education	110	18%
Medicine	95	16%
Engineering	75	13%
Total	600	100%

The data show that information technology and economics are the most productive domains.

Concept → Term Creation → Professional Usage → Stabilization → Standardization

This model demonstrates the gradual transformation of concepts into stable terminological units.

New terms actively emerge in the following areas:

- software, cloud computing, database;
- startup, marketing strategy, management;
- distance learning, e-platform;
- telemedicine, digital diagnostics.

Initially, many terms have multiple meanings, but professional usage gradually narrows their semantic scope.

Stabilization involves:

- unified spelling;
- standardized pronunciation;
- fixed grammatical forms;
- stable collocations.

Examples include: *information security, digital platform, project management.*

Professional lexicon is mainly used in scientific and institutional discourse, ensuring terminological precision.

Table 2. Influencing Factors

Factor	Influence	Function
Education	High	Fixes norms in curricula
State Policy	High	Regulates official terminology
Scientific Usage	Very High	Ensures professional acceptance
Media	Medium	Disseminates terms
Digitalization	High	Generates new vocabulary

Interaction Scheme

1. Education

Terminological Stability:

2. Policy

3. Science

4. Media

Digitalization → New Terms

The stabilization process depends on coordinated institutional activity.

Cultural traditions influence term perception and adaptation. English-based terminology often enters Uzbek through transliteration or semantic translation, forming hybrid models.

For example:

startup → startap

online learning → onlayn ta'lim

database → ma'lumotlar bazasi

These adaptations reflect national linguistic identity.

Examples of Terminological Stabilization

Information Technology

Early: ma'lumotlar bazasi tizimi- database system Stable: ma'lumotlar bazasi - database

Economics

Early: biznesni rejalashtirish - business planning Stable: biznes-reja - business plan

Education

Early: masofadan o'qitish - distance learning Stable: masofaviy ta'lim- distance learning

Medicine

Early: yurak faoliyatini tekshirish- check heart function
Stable: kardiologik monitoring- cardiological monitoring

These examples show the transition from descriptive expressions to concise terminology.

Conclusion

The study demonstrates that professional lexicon in modern language develops dynamically and undergoes systematic stabilization. This process is characterized by:

- semantic clarity;
- formal stability;
- functional specialization;
- institutional regulation.

Terminological standardization improves professional communication and knowledge transfer. Future research should focus on digital corpora development, automated terminology management, and multilingual terminological harmonization.

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