

THE ROLE OF MIXED METHODS APPROACHES IN MODERN FOREIGN LANGUAGE TEACHING

Soatova Sevara Komiljon qizi

Samarqand davlat chet tillar institute,

Ingliz tili fakulteti, 4-bosqich talabasi.

Mail: soatovasevara07@gmail.com

Scientific supervisor: Salohiddinov M.

Abstract: *The increasing complexity of modern foreign language teaching requires the application of comprehensive research methodologies. This study examines the role of mixed methods approaches in foreign language education and evaluates their effectiveness in integrating quantitative and qualitative data. A sequential explanatory design was employed, combining survey data with qualitative interviews. The findings indicate that mixed methods approaches provide a more comprehensive understanding of language learning by linking measurable outcomes with learners' experiences. The study concludes that mixed methods research plays a crucial role in improving teaching effectiveness and supporting evidence-based practices in modern language education.*

Annotatsiya: *Zamonaviy xorijiy tillarni o'qitishning murakkablashuvi keng qamrovli tadqiqot metodikalarini qo'llashni talab etadi. Ushbu tadqiqotda chet tili ta'limida aralash usullar yondashuvining o'rni o'rganilib, ularning miqdoriy va sifat ma'lumotlarini integratsiyalashdagi samaradorligi baholanadi. So'rovnoma ma'lumotlarini sifatli intervyular bilan birlashtirgan ketma-ket tushuntirish dizayni qo'llanildi. Natijalar shuni ko'rsatadiki, aralash usullar yondashuvlari o'lchanadigan natijalarni o'quvchilarning tajribalari bilan bog'lash orqali til o'rganishni to'liqroq tushunishni ta'minlaydi. Tadqiqot xulosasiga ko'ra, aralash usullar tadqiqoti zamonaviy til ta'limida o'qitish samaradorligini oshirish va dalillarga asoslangan amaliyotlarni qo'llab-quvvatlashda muhim rol o'ynaydi.*

Аннотация: *Растущая сложность современного преподавания иностранных языков требует применения комплексных методик исследования. В данном исследовании рассматривается роль смешанных методологических подходов в обучении иностранным языкам и оценивается их эффективность в интеграции количественных и качественных данных. Был использован последовательный объяснительный дизайн, сочетающий данные опроса с качественными интервью. Результаты показывают, что подходы смешанных методов обеспечивают более полное понимание языкового обучения, связывая измеримые результаты с опытом учащихся. В исследовании делается вывод, что исследования смешанных методов*

играют решающую роль в повышении эффективности обучения и поддержке научно обоснованных практик в современном языковом образовании.

Keywords: *mixed methods research, foreign language teaching, EMI, qualitative and quantitative analysis.*

Kalit so‘zlar: *aralash metodlar tadqiqoti, chet tili o‘qitish, EMI, sifat va miqdoriy tahlil.*

Ключевые слова: *исследование с использованием смешанных методов, обучение иностранному языку, ЭМИ, качественный и количественный анализ.*

In recent years, foreign language teaching has become increasingly complex due to globalization and the growing role of English as an international language. Modern education requires not only linguistic competence but also communicative and academic skills. However, research approaches based solely on quantitative or qualitative methods are often insufficient to fully explain language learning processes. Mixed methods research has emerged as an effective framework that integrates quantitative and qualitative data, allowing researchers to analyze both learning outcomes and learner experiences (Creswell & Plano Clark, 2018). This approach is particularly relevant in English-Medium Instruction (EMI) contexts, where both academic performance and language proficiency must be considered. The aim of this study is to analyze the role of mixed methods approaches in modern foreign language teaching and evaluate their effectiveness in understanding complex educational processes.

This study employs a mixed methods research design using a sequential explanatory approach. The research involved 60 undergraduate students and 5 instructors from a higher educational institution. Quantitative data were collected through a structured questionnaire to assess students' motivation, attitudes, and perceptions of teaching effectiveness. Qualitative data were obtained through semi-structured interviews to explore participants' experiences in greater depth.

Quantitative data were analyzed using descriptive statistics, while qualitative data were examined through thematic analysis (Braun & Clarke, 2006). The integration of both data sets was carried out during the interpretation stage to provide a comprehensive understanding of the research problem.

The results indicate that mixed methods approaches significantly enhance the analysis of foreign language teaching processes. Quantitative findings show that approximately 72% of students consider modern teaching methods effective, while 65% report increased motivation in interactive learning environments.

Qualitative findings support these results by revealing that students value participation, collaboration, and practical language use. At the same time, they experience challenges in

EMI contexts, including difficulties in understanding academic terminology and increased cognitive load. The integration of quantitative and qualitative data provides a more complete and reliable understanding of language learning processes.

The findings confirm that mixed methods research plays a key role in modern foreign language teaching by combining the strengths of quantitative and qualitative approaches. This integration allows for both generalizable results and deeper contextual insights, which are essential in complex educational environments.

The study also highlights the importance of mixed methods approaches in EMI contexts. While students generally demonstrate positive attitudes toward EMI, qualitative data reveal underlying challenges, emphasizing the need for adaptive and learner-centered teaching strategies. These results are consistent with previous research in the field (Macaro et al., 2018).

Despite its contributions, the study is limited by its sample size. Future research should involve larger populations and consider additional factors such as digital learning environments and cultural differences.

The study demonstrates that mixed methods approaches are essential in modern foreign language teaching, as they provide a comprehensive understanding of both learning outcomes and educational processes. The integration of quantitative and qualitative data enhances the analysis of complex teaching environments and supports the development of effective instructional strategies. Therefore, mixed methods research plays a crucial role in improving the quality of foreign language education.

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