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Difficulty analysis of biology education students in learning microteaching at Universitas Labuhanbatu

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Pendidikan Biologi Fakultas keguruan dan Ilmu Pendidikan
Universitas Labuhanbatu



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**PROGRAM STUDI PENDIDIKAN BIOLOGI
FAKULTAS KEGURUAN DAN ILMU PENDIDIKAN
UNIVERSITAS LABUHANBATU
RANTAUPRAPAT
2023**

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JUDUL : Difficulty analysis of biology education
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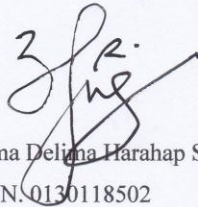
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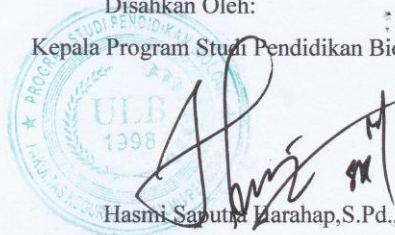
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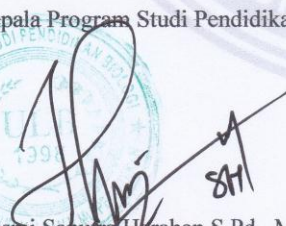
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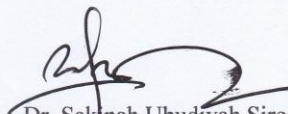
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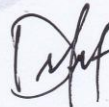
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5. Kepada Orangtua yang telah mendukung saya

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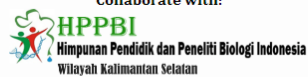


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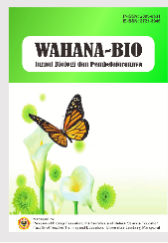
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Difficulty analysis of biology education students in learning microteaching at Universitas Labuhanbatu

Delvi Rukmana Putri, Risma Delima Harahap, Sakinah Ubudiyah Siregar

ABSTRACT

Education is a field that is very important for the future and influences other fields. One of the functions of education is to develop skills and abilities and form a better sense of dignity in the context of educating the life of the nation. This study aims to be able to see and know the difficulties faced by biology education students in microteaching lessons at Labuhanbatu University. The method used in this research is descriptive-qualitative. The sample in this study was made up of all fifth-semester biology education

students. Data collection techniques included questionnaires and interviews. The results of the research that has been carried out regarding the analysis of the difficulties of biology education students in microteaching learning at Labuhanbatu University are: use of learning methods (42.61%), mastery of material (42.15%), skills in teaching (52.67%), skills in opening learning (54.36%), readiness in learning (54.70%), skills to ask (46.79%), skills to close learning (50.81%), and skills to explain (40.81%). Microteaching is very important for students in preparing themselves as prospective teachers and adding insight and knowledge.

Abstrak

Pendidikan merupakan suatu bidang yang sangat penting bagi masa depan untuk mengembangkan keahlian dan kemampuan serta membentuk generasi yang lebih baik dalam rangka mencerdaskan kehidupan bangsa. Penelitian ini bertujuan untuk dapat melihat serta mengetahui kesulitan yang dihadapi mahasiswa pendidikan biologi dalam pembelajaran *microteaching* di Universitas Labuhanbatu. Metode yang digunakan dalam penelitian ini yaitu kualitatif deskriptif. Sampel dalam penelitian ini yaitu seluruh mahasiswa pendidikan biologi semester lima, teknik pengumpulan data berupa angket dan wawancara. Adapun hasil penelitian yang telah dilakukan mengenai analisis kesulitan mahasiswa pendidikan biologi dalam pembelajaran *microteaching* di Universitas Labuhanbatu yaitu: penggunaan metode pembelajaran (42.61%), penguasaan materi (42.15%), keterampilan dalam mengajar (52.67%), keterampilan dalam membuka pembelajaran (54.36%), kesiapan dalam pembelajaran (54.70%), keterampilan bertanya (47.69%), keterampilan menutup pembelajaran (50.81%), dan keterampilan menjelaskan (40.81%). Pembelajaran *microteaching* sangat penting bagi mahasiswa dalam mempersiapkan diri sebagai calon guru dan menambah wawasan dan pengetahuan.

KEYWORDS

Difficulty; Student; Learning; Microteaching

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Apriani, L., Alpen, J., & Arisman, A. (2020). Tingkat percaya diri dan keterampilan micro teaching. *Edu Sportivo: Indonesian Journal of Physical Education*, 1(1), 42-49. DOI: [https://doi.org/10.25299/es:ijope.2020.vol1\(1\).5155](https://doi.org/10.25299/es:ijope.2020.vol1(1).5155)

Chera, M. R., Salong, A., & Manuhutu, S. (2022). Analisis keterampilan dasar mengajar mahasiswa pada mata kuliah micro teaching: (Studi pada mahasiswa angkatan 2018 di Program Studi Pendidikan Ekonomi). *Jurnal Administrasi Terapan*, 1(1), 79-86. DOI: Retrieved from <https://ejournal-polnam.ac.id/index.php/JAT/article/view/1273>

Christi, L. Y. (2020). Analisis pelaksanaan microteaching mahasiswa PGSD pada mata kuliah PSAP sains dan teknologi. *Jurnal Basicedu*, 4(3), 707-715. DOI: <https://doi.org/10.31004/basicedu.v4i3.424>

Febrian, F., & Fera, M. (2019). Kualitas perangkat dan keterampilan mengajar mahasiswa pendidikan matematika pada mata kuliah micro teaching menggunakan analisis model Rasch. *Jurnal Gantang*, 4(1), 87-95. DOI: <https://doi.org/10.31629/jg.v4i1.1065>

Gumohung A. M., Moonti, U., & Bahsoan, A. (2021). Pengaruh keterampilan menjelaskan guru terhadap hasil belajar siswa. *Jambura Economic Education Journal*, 3(1), 1-7. DOI: <https://doi.org/10.37479/jej.v3i1.8312>

Hidayah, N. (2018). Analisis kesiapan mahasiswa Prodi Pendidikan Guru Madrasah Ibtidaiyah sebagai calon pendidik profesional. *Terampil : Jurnal Pendidikan dan Pembelajaran Dasar*, 5(1), 117-137. DOI: <https://doi.org/10.24042/terampil.v5i1.2936>

Irawati, H. (2020). Analisis keterampilan dasar mengajar mahasiswa calon guru biologi di Pendidikan Biologi FKIP UAD. *INKUIRI: Jurnal Pendidikan IPA*, 9(1), 33-39. DOI: <https://doi.org/10.20961/inkui.v9i1.41378>

Rachmadyanti, P. (2021). Persepsi mahasiswa PGSD tentang penggunaan padlet pada pembelajaran microteaching. *JP2SD (Jurnal Pemikiran dan Pengembangan Sekolah Dasar)*, 9(2), 103-115. DOI: <https://doi.org/10.22219/jp2sd.v9i2.17105>

Rahayu, D. S., & Sulistyawati, E. (2022). Preservice mathematics teachers' performance and challenges on video-based microteaching amid pandemic. *Jurnal Cendekia: Jurnal Pendidikan Matematika*, 6(2), 1335-1344. DOI: <https://doi.org/10.31004/cendekia.v6i2.1034>

Rosali, E. S., & Singkawijaya, E. B. (2020). Peningkatan kompetensi mahasiswa calon guru melalui mata kuliah pengajaran mikro. *Jurnal Pendidikan Sosial Budaya*, 6(2), 161-178. Retrieved from <https://jurnal.ideaspublishing.co.id/index.php/ideas/article/view/275>

Sholikhah, F. N., & Wahidah, Z. (2021). Penggunaan metode pembelajaran guru biologi di Pasuruan: Analisis persepsi siswa. *Alveoli: Jurnal Pendidikan Biologi*, 2(1), 16-29. DOI: <https://doi.org/10.35719/alveoli.v2i1.20>

Sugiyono, S. (2014). *Statistika untuk penelitian*. Bandung: Alfabeta.

Turmuzy, M., & Kurniawan, E. (2021). Kemampuan mengajar mahasiswa calon guru matematika ditinjau dari Technological Pedagogical and Content Knowledge (TPACK) pada mata kuliah micro teaching. *Jurnal Cendekia: Jurnal Pendidikan Matematika*, 5(3), 2484-2498. DOI: <https://doi.org/10.31004/cendekia.v5i3.881>

Wijarini, F., & Ilma, S. (2017). The analysis of teacher candidates' teaching skill in Department of Biology Education, University of Borneo Tarakan, through pre-service teaching activities. *JPBI (Jurnal Pendidikan Biologi Indonesia)*, 3(2), 149-159. DOI: <https://doi.org/10.22219/jpbi.v3i2.4311>

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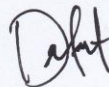
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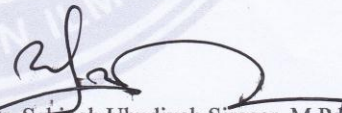
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