

Staff Handbook

Name	Dr. Ulfi Faizah, S.Pd., M.Si.				
Position	Lecturer				
Academic Career	Academic Appointment		Institution	Year	
	Doctorate (Science Education, Major Biology)		Universitas Pendidikan Indonesia	2019-2023	
	Master (Biology, Major Zoology)		Institut Pertanian Bogor	2006-2008	
	Undergraduate degree (Biology Education)		Universitas Negeri Malang	1997-2001	
Employment	No	Position	Employer	Period	
	1	Lecturer	Biology Unesa	2005-now	
	2	Staff	NGO Raditya Lestari	2002-2004	
Research and development projects over the last 5 years	No	Name of project or research focus	Period	Partners	Amount of Financing
	1	Peningkatan Kompetensi Pedagogik Mahasiswa S1 Pendidikan Biologi UNESA melalui Perangkat Pembelajaran <i>Deep Learning</i> Berbasis Teknologi	2025	Biology Unesa	IDR 20.000.000 (€1.036)
	2	Integrasi Multi-omics Tor duoronensis khas Telaga Banyu Biru Pasuruan sebagai Dasar <i>Evidence-Based Policy</i> dalam Pengelolaan Konservasi dan Inovasi Pakan untuk Keberlanjutan Sumber Daya Perikanan Indonesia	2025	University Malaya, BRIN	IDR 50.000.000 (€12.589)
	3	Eksplorasi Gastropoda dan Bivalvia Pantai Bohay, Probolinggo untuk Mendukung Konservasi Wilayah Pesisir	2025	BRIN	IDR 30.000.000 (€1.553)
	4	Implementasi Model Pembelajaran PjBL untuk membekalkan Nilai-Nilai Keberlanjutan Berorientasi Biodiversitas pada Mata Kuliah Sistematis Hewan	2024	Biology Unesa	IDR 45.000.000 (€2.330)
	5	Pengembangan Modul Pembelajaran Berbasis SDGs untuk Membekalkan Nilai-Nilai Keberlanjutan pada Mata Kuliah Perencanaan Pembelajaran	2024	Biology Unesa	IDR 20.000.000 (€1,036)
	6	Pemetaan Keong Air Tawar (Mollusca: Gastropoda) Pulau Madura untuk Mendukung Konservasi Ekosistem Air Tawar	2024	BRIN	IDR 47.000.000 (€2.433)
	7	<i>Haplotype Networking</i> Mimi Mintuna Lokal Jawa Timur melalui Pendekatan Integratif Morfo-Genetik sebagai Strategi Pengembangan <i>Sustainable Aquaculture</i>	2024	Biology Unesa	IDR 30.000.000 (€1.553)
	8	Pengembangan Buku Ajar <i>Conservation of Natural Resources and Environment</i> Bermuatan <i>Sustainable Development Goals</i> (SDGS)	2024	Biology Unesa	IDR 20.000.000 (€1,036)
	9	Uji Aktivitas Antimikroba Nano-Silver pada Cairan Pembersih Lantai sebagai Produk Komersil Fakultas MIPA	2024	FMIPA, Unesa	IDR 20.000.000 (€1,036)
	10	Dinamika Kompetensi Pedagogi Mahasiswa Calon Guru Biologi Sebelum, Selama, dan Setelah Pandemi Covid-19.	2023	Biology Unesa	IDR 20.000.000 (€1,036)
Industry collaborations	No	Project title	Partners		
	-	-	-		

over the last 5 years			
Patents and proprietary rights over the last 5 years	No	Title	Year
	1	HKI Booklet Budidaya Maggot dalam Pembelajaran: Strategi Edukatif untuk Mendukung SDGs 12	2025
	2	HKI E-Modul Interaktif Materi Pertumbuhan dan PerkembanganTumbuhan untuk Melatihkan Keterampilan Literasi Sains Peserta Didik	2025
	3	HKI E-LKPD Biologi Pertumbuhan dan Perkembangan Tumbuhan Berbasis <i>Problem Based Learning</i> untuk Melatih Keterampilan Berpikir Kritis	2024
	4	HKI Modul Pembelajaran Berjudul: Perencanaan Pembelajaran Berbasis SDGs Dengan Membekalkan Nilai-Nilai Keberlanjutan	2024
	5	HKI Modul Pembelajaran Berjudul: Pembekalan Nilai-Nilai Keberlanjutan Berorientasi Biodiversitas Melalui Pembelajaran <i>Project Based Learning</i> (PjBL)	2024
Important publications over the last 5 years	Total number: 11		
	1. Faizah, U., Ambarwati, R., Rahayu, D. A., & bin Ahmad, M. K. A. (2025). Implementation of the PjBL learning model to provide biodiversity-oriented sustainability values in the animal systematics course to realize goal life on land and below water. In <i>E3S Web of Conferences</i> (Vol. 640, p. 02013). EDP Sciences. 2. Faizah, U., Susantini, E., Prastiwi, M. S., Raharjo, R., Indana, S., Kuswanti, N., & Ali, M. (2024). Profile of potential prospective biology teachers designing SDGs-Based Teaching Modules on learning planning courses to realize quality education. In <i>E3S Web of Conferences</i> (Vol. 568, p. 04025). EDP Sciences. 3. Faizah, U., Rustaman, N. Y., Sanjaya, Y., Wulan, A. R., Ambarwati, R., & Rahayu, D. A. (2023). <i>Integrating citizen science in animal systematics course using iNaturalist platform. Journal of Engineering Science and Technology: Special Issue on ISCoE2022</i>, 18(4), 10-19. 4. Faizah, U., Rustaman, N. Y., Sanjaya, Y., Wulan, A. R., Ambarwati, R., & Rahayu, D. A. (2022). How are problem-solving skills equipped in learning biodiversity? The efforts to realize learning of society 5.0. <i>Biosfer: Jurnal Pendidikan Biologi</i>, 15(1), 51-61. 5. Faizah, U., Rustaman, N. Y., Sanjaya, Y., Wulan, A. R., Ambarwati, R., & Rahayu, D. A. (2022, March). Citizen Science sebagai Solusi Mengatasi Faktor Pembatas dalam Membekalkan Keterampilan Meneliti dan Memecahkan Masalah pada Perkuliahan Biologi. In <i>Seminar Nasional IP2B V 2021</i>. 6. Faizah, U., Rustaman, N. Y., Sanjaya, Y., Wulan, A. R., Ambarwati, R., & Rahayu, D. A. (2022). How are problemsolving skills equipped in learning biodiversity? The efforts to realize learning of society 5.0. <i>Biosfer: Jurnal Pendidikan Biologi</i>, 15(1), 51-61. 7. Faizah, U., Rustaman, N. Y., Sanjaya, Y., Wulan, A. R., Ambarwati, R., & Rahayu, D. A. (2021, December). Manifestation a Meaningful and Sustainable Value of Research Skills: Study of Biodiversity Learning. In <i>International Joint Conference on Science and Engineering 2021 (IJCSE 2021)</i> (pp. 218-222). Atlantis Press. 8. Faizah, U., Rustaman, N. Y., Ambarwati, R., & Rahayu, D. A. (2021). Persepsi Calon Guru Biologi tentang Keterampilan Memecahkan Masalah Biodiversitas: Kajian Terkait Society 5.0. <i>Jurnal Inovasi Pembelajaran Biologi</i>, 2(2), 12-23. 9. Faizah, U., Permanasari, A., & Rustaman, N. Y. (2021, July). How Did Lecturers and Students Adapt to online Learning During the Covid-19 Pandemic? In <i>5th Asian Education Symposium 2020 (AES 2020)</i> (pp. 140-144). Atlantis Press. 10. Faizah, U., Rustaman, N. Y., & Supriatno, B. (2021, March). The potential of citizen science as a follow up program of student project assignment for biodiversity studies to be meaningful. In <i>Journal of Physics: Conference Series</i> (Vol. 1806, No. 1, p. 012172). IOP Publishing. 11. Faizah, U., Ambarwati, R., & Rahayu, D. A. (2021, February). From offline to online learning: Various efforts to secure the learning process during covid-19 outbreaks. In <i>Journal of Physics: Conference Series</i> (Vol. 1747, No. 1, p. 012002). IOP Publishing.		
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	Himpunan Pendidik dan Peneliti Biologi Indonesia (HPPBI)	Member	2025
*Membership without a specific role need not be mentioned			