

Summer Course Curriculum

“Data Analysis in Sustainable Development Goals Cases”

Universitas Pendidikan Indonesia

Lecturer:

1. Prof. Dr. Lala Septem Riza (Universitas Pendidikan Indonesia, Indonesia)
2. Shah Nazir, PhD, M.T, (University of Swabi, Pakistan)
3. Associate Prof. Dr. Azizi Abdullah (Universiti Kebangsaan Malaysia, Malaysia)
4. Prof. Ts. Dr. Faaizah Shahbodin (Universiti Teknikal Malaysia Melaka, Malaysia)
5. Ts. Dr. Khyrina Airin Fariza Abu Samah (Universiti Teknologi MARA, Malaysia)
6. Erlangga, M.T. (Universitas Pendidikan Indonesia, Indonesia)
7. Ani Anisyah, M.T. (Universitas Pendidikan Indonesia, Indonesia)
8. Dr. Rani Megasari, M.T. (Universitas Pendidikan Indonesia, Indonesia)
9. Erna Piantari, M.T (Universitas Pendidikan Indonesia, Indonesia)
10. Andini Setya Arianti, M.Ds (Universitas Pendidikan Indonesia, Indonesia)
11. Nusuki Syariati Fathimah M.Pd (Universitas Pendidikan Indonesia, Indonesia)

No	Time	Activity	Duration	Lecturer	PIC
1	1-23 June 2024	Student Registration	-	-	Committee
2	Monday, 24 June 2024 1PM GMT+7 - 1.45PM GMT+7	Opening Event, Curriculum Introduction	45 minutes	Prof. Dr. Lala Septem Riza, M.T	Andini Setya Arianti, M.Ds
3	Monday, 24 June 2024 2PM GMT+7 - 4PM GMT+7	Course 1A: Introduction to Algorithm and Programming: Python	2 hours	Shah Nazir, PhD	Committee
4	Monday, 24 June 2024	Course 1B: Case Study in Python Programming (Asynchronous)	2 hours	Erlangga, M.T.	Committee
5	Tuesday, 25 June 2024 1PM GMT+7 - 3PM GMT+7	Course 1C: Case Study in Python Programming (Discussion)	2 hours	Erlangga, M.T.	Committee
6	Tuesday, 25 June 2024 3PM GMT+7 - 5PM GMT+7	Course 2A: Python for Data Analysis	2 hours	Shah Nazir, PhD	Committee
7	Tuesday, 25 June 2024	Course 2B: Python for Data Analysis (Case Study) (Asynchronous)	2 hours	Ani Anisyah, M.T.	Committee

8	Wednesday, 26 June 2024 1PM GMT+7 - 3PM GMT+7	Course 2C: Python for Data Analysis (Discussion)	2 hours	Ani Anisyah, M.T.	Committee
9	Wednesday, 26 June 2024 3PM GMT+7 - 5PM GMT+7	Course 3A: Data Visualization in Python	2 hours	Dr. Rani Megasari, M.T.	Committee
10	Thursday, 27 June 2024 1PM GMT+7 - 3PM GMT+7	Course 4: Image Processing and Computer Vision	2 hours	Associate Prof. Dr. Azizi Abdullah	Committee
11	Thursday, 27 June 2024 3PM GMT+7 - 5PM GMT+7	Course 5: Machine Learning in Python	2 hours	Erna Piantari, M.T	Committee
12	Monday, 1 July 2024 1PM GMT+7 - 3PM GMT+7	Course 6: Time Series Data Analysis	2 hours	Ts. Dr. Khyrina Airin Fariza Abu Samah	Committee
13	Monday, 1 July 2024 3PM GMT+7 - 5PM GMT+7	Course 7A: Dashboard Design Concept (UI/UX)	2 hours	Prof. Ts. Dr. Faaizah Shahbodin	Committee
14	Monday, 1 July 2024	Course 7B: Dashboard Design Concept (UI/UX) (Asynchronous)	2 hours	Andini Setya Arianti, M.Ds	Committee
15	Tuesday, 2 July 2024 1PM GMT+7 - 3PM GMT+7	Course 7C: Dashboard Design Concept (UI/UX) (Discussion)	2 hours	Andini Setya Arianti, M.Ds	Committee
16	Tuesday, 2 July 2024 3PM GMT+7 - 5PM GMT+7	Course 8: Data Analysis: MySQL	2 hours	Dr. Rani Megasari, M.T	Committee
17	Wednesday, 3 July 2024 1PM GMT+7 - 4PM GMT+7	Course 9A: Web Programming (Dashboard data analysis)	3 hours	1. Erlangga, M.T. 2. Nusuki Syariati Fathimah M.Pd	Committee
18	Wednesday, 3 July 2024	Course 9B: Web Programming (Dashboard data analysis) (Asynchronous)	2 hours	1. Erlangga, M.T. 2. Nusuki Syariati Fathimah M.Pd	Committee
19	Thursday, 4 July 2024 1PM GMT+7 - 3PM GMT+7	Course 9C: Web Programming (Dashboard data analysis)	2 hours	1. Erlangga, M.T. 2. Nusuki Syariati Fathimah M.Pd	Committee

		(Discussion)			
20	Thursday, 4 July 2024 3PM GMT+7 - 4PM GMT+7	Course 10: Briefing Student Project	1 hours	<ol style="list-style-type: none"> 1. Prof. Dr. Lala Septem Riza, 2. Shah Nazir, PhD, M.T, 3. Associate Prof. Dr. Azizi Abdullah 4. Prof. Ts. Dr. Faaizah Shahbodin 5. Ts. Dr. Khyrina Airin Fariza Abu Samah 	Committee
21	5-15 July 2024	Student Project (Asynchronous)	5 hours	<ol style="list-style-type: none"> 12. Prof. Dr. Lala Septem Riza, 13. Shah Nazir, PhD, M.T, 14. Associate Prof. Dr. Azizi Abdullah 15. Prof. Ts. Dr. Faaizah Shahbodin 16. Ts. Dr. Khyrina Airin Fariza Abu Samah 	Committee
22	Monday, 15 July 2024 1PM GMT+7 - 4PM GMT+7	Course 10: Student Showcase and Assesment	3 hours	<ol style="list-style-type: none"> 1. Prof. Dr. Lala Septem Riza, 2. Shah Nazir, PhD, M.T, 3. Associate Prof. Dr. Azizi Abdullah 4. Prof. Ts. Dr. Faaizah Shahbodin 5. Ts. Dr. Khyrina Airin Fariza Abu Samah 	Committee
23	16 July 2024	Closing Event		Prof. Dr. Lala Septem Riza, M.T,	Committee