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Course	Content
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Program Introduction & Greeting Speech

Major Course

Major Course

- class discussion: colour harmony, colour scheme, colour wheel, Josef Albers, atmospheric perspective of Matisse, cold colour and warm colour

Major Course **Major Course (5): Analyzing the Role of Light Through Paintings, Photos, and Films**

Major Course **Completion Presentation in Groups & Closing Speech of the Completion**

Note: The aforesaid courses will be given in a live streaming format. Students are required to take the online courses specified in the weekly module. The specific time is subject to adjustment according to the

 **Annexe 4 Carbon Neutrality Green, Circular, New Energy, and Sustainable**



1. The first part of the text discusses the importance of carbon neutrality in the context of sustainable development. It highlights the need for a transition to a low-carbon economy to mitigate the impacts of climate change. The text mentions that carbon neutrality is a key goal for many countries and organizations, and it is essential for achieving the Sustainable Development Goals (SDGs).



2. The second part of the text explores the various strategies and technologies that can be used to achieve carbon neutrality. It discusses the role of renewable energy sources, such as solar, wind, and hydropower, in reducing greenhouse gas emissions. It also mentions the importance of energy efficiency and the circular economy in reducing carbon footprints. The text notes that while there are significant challenges, there are also many opportunities for innovation and growth in the green economy.



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Course	Content
	Program Introduction & Greeting Speech
	Major Course (1): Carbon Dioxide, Global Warming, and Carbon Neutrality
Major Course	-)
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Extension Course Extension Course (1): Lecture on the Cultivation of International Talents

Major Course (2): Renewable Energy I

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 - carbon footprint
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Extension Course Extension Course (2): Lecture on Thesis Writing and Scientific Research Methods

Major Course (3): Renewable Energy II

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Extension Course Extension Course (3): Sharing Session of Overseas Study in Singapore

Major Course (4): Nuclear Energy

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Major Course (5): Management of Carbon Neutrality Energy & Summary

- - Why energy storage is so important?
 - electricity storage: battery and super-capacitor
 - thermal energy storage
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energy vector: hydrogen
carbon footprint
electric vehicle and energy storage

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Can global and regional carbon neutrality be achieved?

Major Course	Completion Presentation in Groups & Closing Speech of the Completion
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Note: The aforesaid courses will be given in a live streaming format. Students are required to take the online courses specified in the weekly module. The specific time is subject to adjustment according to the

Annexe 5 Urban Planning and Architecture Design



1. The first part of the course is about the history of urban planning and architecture design. It covers the evolution of cities from ancient times to the present day. The second part of the course is about the theory of urban planning and architecture design. It covers the principles of urban planning and architecture design, and the role of the architect in the design process. The third part of the course is about the practice of urban planning and architecture design. It covers the process of urban planning and architecture design, from the initial concept to the final construction. The fourth part of the course is about the future of urban planning and architecture design. It covers the challenges and opportunities of urban planning and architecture design in the 21st century.



2. The second part of the course is about the theory of urban planning and architecture design. It covers the principles of urban planning and architecture design, and the role of the architect in the design process. The third part of the course is about the practice of urban planning and architecture design. It covers the process of urban planning and architecture design, from the initial concept to the final construction. The fourth part of the course is about the future of urban planning and architecture design. It covers the challenges and opportunities of urban planning and architecture design in the 21st century.



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Courses	Details
	Program Introduction & Greeting Speech
Major Course	Major Course (1) - (())
Extension Course	Extension Course (1): Lecture on the Cultivation of International Talents
Major Course	Major Course (2) -

The course introduces the appropriate role of the government in urban development, tracing its history from the early development planning, to the reforms that emphasized operation of the free market under the Washington Consensus, and to the current institutional development with effective management in the post-Washington Consensus era.

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The course introduces the structure and procedures in urban planning, including the concepts, goals and principles behind the conceptual planning and general planning, land policies, infrastructure investment and development control.

Extension Course Extension Course (2): Lecture on Thesis Writing and Scientific Research Methods

Major Course (3): Integrated Planning of Towns

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Major Course

- The students make a presentation of what they have learned through the previous courses in groups. They can describe the urban planning in Chinese cities and compare it with that in other cities in America, Europe or Asia, e.g., New York, London, Singapore and Sydney.

Note: The aforesaid courses will be given in a live streaming format. Students are required to take the online courses specified in the weekly

Annexe 6 Scientific Exploration in the Metaverse



