



**UNMUH BABEL**  
UNIVERSITAS MUHAMMADIYAH BANGKA BELITUNG  
*Berkemajuan & Mencerahkan*



**OFFICE OF  
INTERNATIONAL  
AFFAIRS**  
Connecting, Transforming, and Inspiring



# **Booklet** **2023/2024**

**UNMUH BABEL  
INTERNATIONAL  
SUMMER SCHOOL**



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# International

## Eduscience technopreneur Summer School

# International

## Edusciencepreneur Summer School

### Type

English Taught

### Dates

July - August

### Credits

3 Credits

### Email

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### Instructor

Winda Purnamasari, M.Pd.

Yuanita, M.Pd.

Feni Kurnia, M.Pd.

Pratiwi Amelia, M.Pd.

Eka Altiarika, S.Kom., M.Eng.

Fifin Fitriana, S.Hut., M.Si

### Website

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### Description

Edusciencepreneur is a new concept in teaching and learning that emphasizes education, science, technology, and entrepreneurial values as an integrated package that aims to gain various learning experiences, develop knowledge, improve skills through investigation and discovery learning from nature. Edusciencepreneur summer school aims to create new ideas and fuel creativity, productivity, and innovative entrepreneurial spirit among youth, academicians, and professionals. This program showcases how science, technology, and entrepreneurship in formal and non-formal education can enhance young people's creativity and innovation through their experimental nature, participatory approaches, and peer-learning, and how this can help them find their place in life and the labour market.

The Course Features Students will be able to:

1. Analyze the surrounding natural resources as a means of learning in nature
2. Formulate the idea of problem-solving as an effort to preserve nature
3. Design, manage and develop innovative work products in the teaching and learning process through learning materials, media, articles and portfolios through the utilization of Edusciencepreneur (education, science, technology, and entrepreneurship)







No	Day/Date	Hours	Tittle Course	Instruction
1	July - August	09.00 - 10.30 10.30 - 11.00 11.00 - 13.00	Course Introduction Break Rational and Core Values (5K) for Sustainable Development and Sustainable Economics: The Way for Future	Lecturing, discussions, workshop, peer learning, group discussion
2	July - August	09.00 - 10.30 10.30 - 11.00 11.00 - 13.00	Environtmental Sustainability: Global Climate Change and Economical Issues Break Group Discussion	Lecturing, discussions, workshop, peer learning, group discussion
3	July - August	09.00 - 10.30 10.30 - 11.00 11.00 - 13.00	Educational Issues for Sustainable Development Break Group Discussion	Lecturing, discussions, workshop, peer learning, group discussion
4	July - August	09.00 - 10.30 10.30 - 11.00 11.00 - 13.00	Harnessing Technological Innovations to Meet The Global Goals Break Group Discussion	Lecturing, discussions, workshop, peer learning, group discussion
5	July - August	09.00 - 10.30 10.30 - 11.00 11.00 - 13.00	The Concept of Edusciencepreneur: An Introduction Break Group Discussion	Lecturing, discussions, workshop, peer learning, group discussion
6	July - August	09.00 - 10.30 10.30 - 11.00 11.00 - 13.00	Edusciencepreneur: Project-based Learning and Personal Branding Break Group Discussion	Lecturing, discussions, workshop, peer learning, group discussion

No	Day/Date	Hours	Title Course	Instruction
7	July - August	09.00 - 10.30	Reading a Resource Map:	Lecturing,
			Learning in natural laboratories	discussions,
				workshop,
8	July - August	10.30 - 11.00	Break	peer learning,
		11.00 - 13.00	Group Discussion	group discussion
9	July - August	09.00 - 10.30	Analyzing and Utilizing Natural	Lecturing,
			Wealth: Biodiversity and	discussions,
			Non-Biodiversity	workshop,
10	July - August	10.30 - 11.00	Break	peer learning,
		11.00 - 13.00	Group Discussion	group discussion
11	July - August	09.00 - 10.30	STEAM: Future Focus Learning	Lecturing,
				discussions,
				workshop,
12	July - August	10.30 - 11.00	Break	peer learning,
		11.00 - 13.00	Group Discussion	group discussion
13	July - August	09.00 - 10.30	Project-based Learning	Lecturing,
				discussions,
				workshop,
14	July - August	10.30 - 11.00	Break	peer learning,
		11.00 - 13.00	Group Discussion	group discussion
15	July - August	09.00 - 10.30	Problem-based Learning	Lecturing,
				discussions,
				workshop,
16	July - August	10.30 - 11.00	Break	peer learning,
		11.00 - 13.00	Group Discussion	group discussion
17	July - August	09.00 - 10.30	Discovery Learning	Lecturing,
				discussions,
				workshop,
18	July - August	10.30 - 11.00	Break	peer learning,
		11.00 - 13.00	Group Discussion	group discussion
19	July - August	09.00 - 10.30	Analyzing and Mapping out	Lecturing,
			Teaching and Learning based	discussions,
			on Authentic Materials	workshop,
20	July - August	10.30 - 11.00	Break	peer learning,
		11.00 - 13.00	Group Discussion	group discussion

No	Day/Date	Hours	Tittle Course	Instruction
14	July - August	09.00 - 10.30	Designing Teaching and Learning Materials	Lecturing, discussions, workshop, peer learning, group discussion
		10.30 - 11.00	Break	
		11.00 - 13.00	Group Discussion	
15	July - August	09.00 - 10.30	Personal Branding and Expo	Lecturing, discussions, workshop, peer learning, group discussion
		10.30 - 11.00	Break	
		11.00 - 13.00	Group Discussion	
16	July - August	09.00 - 10.30	Personal Branding and Expo	Lecturing, discussions, workshop, peer learning, group discussion
		10.30 - 11.00	Break	
		11.00 - 13.00	Final-Reflection	





# International Course

on Neuroscience for Developing Creative Imagination



# International Course

## on Neuroscience for Developing Creative Imagination

### Type

English Taught

### Instructor

Desfa Yusmaliana, M.Pd.

### Dates

July - August

### Email

[oia.support@unmuhbabel.ac.id](mailto:oia.support@unmuhbabel.ac.id)

### Credits

3 Credits

### Website

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### Description

Creative imagination is one of the functions of the intuitive brain that has not been studied much, so imaginative thinking is often ruled out, even discredited. Earlier scholars and scientists often used their creative imaginations to create new theories. Therefore, an intuitive brain study model is needed—which has been studied in neuroscience—as the basis for creative imagination thinking.

The achievement of Islamic religious education contained in the concepts or learning models is an effort to maximize the ways of learning that are more constructive and affect the development of the potential of reason contained in students, namely creatures created by Allah SWT. The maximization effort is undoubtedly closely related to a teacher's creativity in managing the learning system and process. In this case, a creative imagination learning model can be stimulated and played in all lessons, particularly in Islamic religious education.

This state-of-the-art course explores a range of theory-formed and practice-oriented approaches to building Creative Imagination Based on Neuroscience-Based (CIBN), planning Framework of Creative Imagination Based on Neuroscience Model (CIBN), and implementing CIBN in Islamic Religious Learning.





No	Day/Date	Hours	Tittle Course	Instruction
1	July - August	09.00 - 10.30 10.30 - 11.00 11.00 - 13.00	Course Introduction Break Open dialogue among Course Participants	Lecturing, discussions, workshop, peer learning, group discussion
2	July - August	09.00 - 10.30 10.30 - 11.00 11.00 - 13.00	Structure of the brain and nervous system in humans Break Group Discussion	Lecturing, discussions, workshop, peer learning, group discussion
3	July - August	09.00 - 10.30 10.30 - 11.00 11.00 - 13.00	Rational and Intuitive Brain Break Group Discussion	Lecturing, discussions, workshop, peer learning, group discussion
4	July - August	09.00 - 10.30 10.30 - 11.00 11.00 - 13.00	Creative Imagination Based on Neuroscience-Based (CIBN) Break Group Discussion	Lecturing, discussions, workshop, peer learning, group discussion
5	July - August	09.00 - 10.30 10.30 - 11.00 11.00 - 13.00	Islamic Religious Learning Break Group Discussion	Lecturing, discussions, workshop, peer learning, group discussion
6	July - August	09.00 - 10.30 10.30 - 11.00 11.00 - 13.00	The essence of neuroscience in learning Break Group Discussion	Lecturing, discussions, workshop, peer learning, group discussion

No	Day/Date	Hours	Title Course	Instruction
7	July - August	09.00 - 10.30	Planning Framework of Creative Imagination Based on Neuroscience Model (CIBN)	Lecturing, discussions, workshop, peer learning, group discussion
		10.30 - 11.00	Break	
		11.00 - 13.00	Group Discussion	
8	July - August	09.00 - 10.30	Outline of Creative Imagination Based on Neuroscience Model (CIBN)	Lecturing, discussions, workshop, peer learning, group discussion
		10.30 - 11.00	Break	
		11.00 - 13.00	Group Discussion	
9	July - August	09.00 - 10.30	CIBN in Islamic Religious Learning for Elementary School Students	Lecturing, discussions, workshop, peer learning, group discussion
		10.30 - 11.00	Break	
		11.00 - 13.00	Group Discussion	
10	July - August	09.00 - 10.30	The religion in higher education curriculum referring to Indonesian qualification framework: The inclusion of neuroscience and anti-corruption education	Lecturing, discussions, workshop, peer learning, group discussion
		10.30 - 11.00	Break	
		11.00 - 13.00	Group Discussion	
11	July - August	09.00 - 10.30	Tracing the Imprints of the Brain and 'Aql in the Koran from the Perspective of Neuroscience and Islamic Education	Lecturing, discussions, workshop, peer learning, group discussion
		10.30 - 11.00	Break	
		11.00 - 13.00	Group Discussion	
12	July - August	09.00 - 10.30	Rational Brain Transmutation Into Intuitive Brain Based on Neuroscience in Islamic Education	Lecturing, discussions, workshop, peer learning, group discussion
		10.30 - 11.00	Break	
		11.00 - 13.00	Group Discussion	



No	Day/Date	Hours	Title Course	Instruction
13	July - August	09.00 - 10.30	Teachers and Students Relation from Ibnu Sina's Multilevel Reasoning and Neuroscience Perspective: Implications for Islamic Education Development	Lecturing, discussions, workshop, peer learning, group discussion
		10.30 - 11.00	Break	
		11.00 - 13.00	Group Discussion	
14	July - August	09.00 - 10.30	Constitutional piety: the integration of anti-corruption education into Islamic religious learning based on neuroscience	Lecturing, discussions, workshop, peer learning, group discussion
		10.30 - 11.00	Break	
		11.00 - 13.00	Final Test and reflections	



# **Fun Edutainment Summer School (FESS) in Bangka Island**



[oia.unmuhbabel.ac.id](http://oia.unmuhbabel.ac.id)



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# Fun Edutainment Summer School (FESS) in Bangka Island

## Type

Lectures, discussions, excursions

## Dates

July - August

## Credits

3 Credits

## Total Hours

120 Minutes per each meeting

## Instructor

Pratiwi Amelia, M.Pd.B.I

Iful Rakhmawati, M.Pd

Aqci Hikmawati, M.Pd

Dwi Indra Aprilliani, M.Pd

## Email

[oia.support@unmuhbabel.ac.id](mailto:oia.support@unmuhbabel.ac.id)

## Website

[oia.unmuhbabel.ac.id](http://oia.unmuhbabel.ac.id)

## PROGRAM HIGHLIGHT

Universitas Muhammadiyah Bangka Belitung (Unmuh Babel) through Fun Edutainment Summer School (FESS) in Bangka Island provides you to Indonesian language, culture, and tourism. This program aims to familiarize you with Indonesia's society and culture, expand your knowledge with various topics and skills, improve your English, learn the basics of Bahasa Indonesia, develop your intercultural communication skills, and explore the famous paradise of Bangka Island. This course discusses the knowledge about basic Indonesian language such as greeting, family, daily activity. Besides, this course also introduces Indonesian-Bangkanese local wisdom, social organization, tourism, and the uniqueness of Bangkanese-Chinese living in harmony.





## OBJECTIVES:

By the end of this course, students should be able:

1. To use greeting and introducing themselves and their family in the Indonesian language.
2. To introduce basic Indonesian language through survival phrases and useful vocabulary used in daily practical communication.
3. To exchange simple information, opinions and ideas in Indonesian.
4. To express simple ideas through the production of original texts in Indonesian understand aspects of the language and culture of Indonesian-speaking communities.
5. To understand Bangkanese local wisdom, social organization, tourism and the unique Bangkanese-Chinese ethnicity

**STUDY FIELD:** Indonesian language, culture, and tourism

This course is designed as a short-term program in 14-16 meetings to introduce and learn Bahasa Indonesia and Indonesian culture for citizens throughout the globe. The syllabus given in detail below is the available materials of the program.

## COURSE TOPICS

No	Day/Date	Hours	Tittle Course
1	July - August	120 minutes	Campus tour, explore the course plan
2	July - August	120 minutes	Greetings
3	July - August	120 minutes	Introduction
4	July - August	120 minutes	Family
5	July - August	120 minutes	Direction
6	July - August	120 minutes	Going-around
7	July - August	120 minutes	Daily-Activity
8	July - August	120 minutes	Foods and Drinks
9	July - August	120 minutes	Bangkanese language and local wisdom
10	July - August	120 minutes	Lifestyle system and social organization
11	July - August	120 minutes	Explore Tourism in Bangka Island
12	July - August	120 minutes	The uniqueness of Bangkanese-Chinese living in harmony through diversity
13	July - August	120 minutes	Exhibition, Excursion and Gallery
14	July - August	120 minutes	Final Test and Reflection





## International Course on Artificial Intelligence for Youth



[oia.unmuhbabel.ac.id](http://oia.unmuhbabel.ac.id)



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# International Course on Artificial Intelligence for Youth

## Type

English Taught

## Instructor

Eka Altiarika, S.Kom., M.Eng

## Dates

July - August

## Email

[oia.support@unmuhbabel.ac.id](mailto:oia.support@unmuhbabel.ac.id)

## Credits

3 Credits

## Website

[oia.unmuhbabel.ac.id](http://oia.unmuhbabel.ac.id)

## Total Hours

120 Minutes per each meeting

## PROGRAM HIGHLIGHT

Artificial intelligence (AI) is a wide-ranging tool that enables people to rethink how we integrate information, analyze data, and use the resulting insights to improve decision making and how to transform it in our life. This program will focus on discuss AI's application across a variety of sectors, address issues in its development, and offer recommendations for getting the most out of AI while still protecting important human values.

The Course Features Students will be able to:

1. Empower youth with AI tech and social skills in an inclusive way
2. Deep understanding of AI: Demystify AI for youth and equip them with the skillet and mindset required for AI readiness.
3. Access and use of AI toolsets: Democratize access to AI tools with AI technologies and train youth to use them skillfully.
4. Create solutions with AI: Empower youth to use AI to create meaningful social impact solutions in their communities as evidence of achievement.





No	Day/Date	Hours	Tittle Course
1	July - August	120 minutes	Course Introduction
2	July - August	120 minutes	Qualities of Artificial Intelligence and AI Body Knowledge
3	July - August	120 minutes	Artificial Intelligence in Diverse Sectors
4	July - August	120 minutes	AI Trends
5	July - August	120 minutes	AI and Data Science
6	July - August	120 minutes	Artificial Intelligence Transformation in digital world
7	July - August	120 minutes	Artificial Intelligence and Bias
8	July - August	120 minutes	Artificial Intelligence and Sustainable Computing
9	July - August	120 minutes	AI project based learning
10	July - August	120 minutes	AI Problem based learning
11	July - August	120 minutes	Work and social policy in the age of artificial intelligence
12	July - August	120 minutes	Standardized implementation of AI: Proven approach, with content customization and coach certification through local training partners across the globe.
13	July - August	120 minutes	Leveraging the disruptive power of artificial intelligence for fairer opportunities.
14	July - August	120 minutes	Demonstrated outcomes: AI-enabled project showcase to solve problems in the society and community.



# **International Course** **on Multimodality in Language Teaching**

# International Course on Multimodality in Language Teaching

## Type

Lectures, Discussions, Excursions

## Dates

July - August

## Credits

3 Credits

## Total Hours

120 Minutes per each meeting

## Instructor

Pratiwi Amelia, M.Pd.B.I

Iful Rakhmawati, M.Pd

Aqci Hikmawati, M.Pd

Dwi Indra Aprilliani, M.Pd

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## Website

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## PROGRAM HIGHLIGHT

International Summer Course on Multimodality in Language Teaching aims to introduce, to implement multimodality in the process of meaning-making, and to discuss how it can contribute to language teaching in the Indonesian curricula through a sociosemiotic and multimodal approach. This course investigates the support in the curricula for multimodal meaning-making by stressing the importance of recognizing multimodal meaning-making as learning in language education. To create multimodal in language teaching, this course highlights the use of digital technology that enables the combining of resources as a new approaches in making meaning using a wide range of modalities and media.





## OBJECTIVES:

By the end of this course, students should be able:

1. The students are able to elaborate the concept of multimodal and digital literacies in foreign language
2. The students are able to create multimodal texts: literary and cultural understandings of texts
3. The students are able to design literary works as pedagogical approach based on multimodal and intercultural understandings
4. The students are able to create visual and media literacy in ELT text
5. The students are able to produce multimodal text through digital storytelling
6. The students are able to implement multimodal EFL projects
7. The students are able to design assessment for multimodal text production in the ELT classroom

This course is designed as a short-term program in 14-16 meetings to introduce and implement multimodality in language teaching. The syllabus given in detail below is the available materials of the program.

## COURSE TOPICS

No	Day/Date	Hours	Title Course
1	July - August	120 minutes	1. Program opening, campus tour, explore the course plan 2. Multimodality in the teaching and learning of English: Introduction
2	July - August	120 minutes	A design-theoretic and multimodal approach to language teaching and learning
3	July - August	120 minutes	Multimodal literacy in teaching English
4	July - August	120 minutes	Integrating multimodal and digital literacies in foreign language
5	July - August	120 minutes	Making sense of multimodal texts in the English classroom: literary and cultural understandings of texts
6	July - August	120 minutes	Introducing critical literacy and multimodal perspectives into film pedagogies
7	July - August	120 minutes	Graphic novels in the ELT classroom: a pedagogical approach based on multimodal and intercultural understandings
8	July - August	120 minutes	The multimodal incorporation of tablet-based materials in the teaching
9	July - August	120 minutes	Choice in multimodal text production and consequences
10	July - August	120 minutes	Visual and media literacy put into practice: Creating Multimodal Text in ELT



No	Day/Date	Hours	Tittle Course
10	July - August	120 minutes	Visual and media literacy put into practice: Creating Multimodal Text in ELT
11	July - August	120 minutes	Creating multimodal text through digital storytelling
12	July - August	120 minutes	Enhancing classroom authenticity, motivation, and learner autonomy through multimodal EFL projects.
13	July - August	120 minutes	Developing an assessment framework for multimodal text production in the ELT classroom
14	July - August	120 minutes	Excursion and School Visit: Implementation of Multimodal EFL Project in Actual English Classroom
15	July - August	120 minutes	1. Exhibition 2. Final test and reflection





## UNIVERSITAS MUHAMMADIYAH BANGKA BELITUNG

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