

# Graduate School

## Welcome to the Graduate School of NUBB

Envisioned to be a leading educational body, the Graduate School has carried out its mission of delivering high-quality academic and research programmes for doctoral and master students in Cambodia. Currently, the Graduate School is offering six programmes to 130 master students in the fields of Business Administration (MBA), Public Administration (MPA), Teaching English to Speakers of Other Languages (TESOL), Sustainable Agriculture (MSA), Sustainable Management of Ecosystem Management (SEM), and Science in Education (MSE). The Graduate School also provides doctoral studies to 20 postgraduate students in Educational Management (PhD-EM) and Sustainable Management of Ecosystem Management (PhD-SEM).

Over two decades, the Graduate School has achieved its mission of producing well-rounded graduates from 13 cohorts of MBA, 6 cohorts of MPA, 3 cohorts of TESOL, 3 cohorts of MSA and 2 cohorts of SEM. More than 500 graduates have been working for public, private and non-profit organizations across Cambodia. Aligning its mission with the government's development goals, the Graduate School has inspired intellects to pursue their endeavor for knowledge, research, and innovation that contribute to personal, institutional, and social development.

The Graduate School of NUBB can advance individual knowledge and research and bridge individuals to the brightness of the future.

Dr. HUM Chan  
Acting-Director of Graduate School



**Graduate School is composed of two departments:**

1. Department of Master's Degree
2. Department of PhD Degree

**Fields of Study for Master's Degree:**

1. Master of Business Administration (MBA)
2. Master of Public Administration (MPA)
3. Master of Teaching English to Speakers of Other Languages (TESOL)
4. Master of Sustainable Agriculture (MSA)
5. Master of Sustainable Management of Ecosystem Management (SEM)
6. Master of Science in Education (MSE) *Education science*

**Fields of Study for Doctoral Degree:**

1. Educational Management (PhD-EM)
2. Sustainable Management of Ecosystem Management (PhD-SEM)

**Department of Master's Degree**

**Master of Business Administration [MBA]**

MBA program is designed to train students with initiative ideas and concept in business or new generation business model (start-up) development and entrepreneurship to increase student excellence and workforce competitiveness, as well as to provide modern scientific business management skills in human resource management and financial management, ethics in business and the development of marketing strategies in the context of the Industrial Revolution 4.0.

**List of Core Subjects**

- Operation and Quality Management
- Research Methodology
- Scientific Writing and Communication
- Project Management and Evaluation
- Management and Organization
- Marketing Management
- Quantitative Business Analysis
- Business Statistics
- Green Entrepreneurship
- Management Information System
- Logistics and Supply Chain
- Financial Planning and Management
- Global Business Management

**Prospectus careers:**

- Middle or senior manager in public and private entities.
- New Generation Entrepreneur (Start-Up)
- National-International Business and Investment Project Consultant
- President of a company of senior technicians in public and private entities.
- Professor, researcher at public and private research institutes



## Master of Public Administration [MPA]

MPA program is desigend to enhance student's capacity to analyze, evaluate and formulate public and private policies in response to socio-economic challenges. This educational program provides students knowledge of national and sub-national administration, implementation of monitoring and evaluation of administrative procedures, as well as planning for population and territorial administration in accordance with the reform policies of the Royal Government of Cambodia.

### List of Core Subjects

- Policy Process and Analysis
- Management and Organization
- Research Methodology
- Scientific Writing and Communication
- Advanced Study in Public Management
- Leadership and Changing Management
- Territorial Administrative Management
- Applied Statistics
- Human Resources Management in Public Administration
- Public Financial Management
- Project Management and Evaluation
- Legal Traditions of the World
- Quantitative Business Analysis

### **Prospectus careers:**

- Director or head of administration in public and private administrative institutions
- Provincial-Capital Governor, District-Municipal Governor, Provincial-Capital Council, District-Municipal Council
- Consultants, analyzes, evaluates and develops national and sub-national public policies.
- Member of Parliament, senior official in front of public representatives in the Royal Government
- Professor, researcher in public and private higher education institutions





## Master of Art<sup>4</sup> in Teaching English to Speakers of Other Languages (TESOL)

TESOL program is designed to enhance students' ability to develop teaching methods, educational programs, action plans, teaching and solving problems that arise in the classroom. This educational program incorporates theories, concepts and practices in line with the current needs of the job market, English teaching and education management. Graduates of this educational program will be effective and superior educational leaders.

### List of Core Subjects

- Academic Writing for Post Graduate Studies
- Second Language Acquisition
- Educational Psychology
- Educational Research Method
- Advanced Applied Linguistics
- Advanced Teaching Methodology
- Testing and Assessment in ESL
- Educational Statistics
- Curriculum Design and Development
- TESOL Practicum
- Sociolinguistics
- Teaching English for Specific Purposes (ESP)
- Professional and Research Ethics

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### Prospectus careers:

- Freeland consultant on education, <sup>and</sup> educational policies in national and international institutions
- Professor and researcher in public and private higher education institutions (*freelance?*)
- Senior Technician in Educational Program Development for National and International Institutions
- Education policy developer or maker
- Coordinator of development projects and investments in educational sectors
- Entrepreneur in educational sectors, director of public and private foreign language institutions

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## **Master of Science in Sustainable Agriculture (MSA)**

MSA program is designed to provide opportunities for Cambodian students and researchers to develop capacity, knowledge and agricultural skills in a sustainable manner in response to the current social, economic and environmental situation in Cambodia. This MSA program provides students with analytical skills and agricultural entrepreneurship in line with the agricultural value chain to ensure food security in response to rapid global, regional and global changes.

### **List of Core Subjects**

- Concept of Sustainable Agriculture
- Research Methodology
- Cropping Systems Management
- Scientific Writing and Communication
- Agro-Ecosystems Management
- Integrated Pest Management
- Plant Nutrient and Soil Fertility Management
- Agricultural Statistics
- Seed Production and Quality Management
- Soilless Cultivation
- Climate Change Adaptation

### **Prospectus careers:**

- A new generation entrepreneur in agriculture, agro-industry
- Professor, researcher working in public and private higher education institutions
- Manager of agricultural business and investment projects
- National and international agricultural consultants
- Senior Technician for Sustainable Agriculture in national institutions, national and international civil society organizations.





## Master of Science in Sustainable Ecosystem Management (SEM)

SEM master program is designed to develop human resources in natural resource governance in Cambodia in the context of rapid global environmental changes to ensure food security and sustainable development in the region. This master program focuses on the development of a Decision Support System (DSS) that can mitigate the effects of climate change and human activities and contribute to short-term and long-term planning for the management of ecosystem services.

### List of Core Subjects

- Community Ecology and Ecosystem Functioning
- Field Methods in Ecology
- Research Methodology
- Scientific Writing and Communication
- Conservation Biology
- GIS & Remote Sensing
- Ecological Economics
- Basic Statistics
- Machine Learning
- Ecological Status and Reference Condition
- Climate Change Adaptation and Mitigation

### **Prospectus careers:**

- Senior technical advisor on Decision Support (DSS) development in the fields of natural resource governance
- Professor and researcher in public and private higher education institutions (field?)
- National or international consultant on natural resource governance
- Policy makers or environmental managers for the development of natural resources in government agencies and civil society organizations at the national and sub-national levels.
- A new generation entrepreneur in ecosystem services business.





## Department of Doctoral Degree

### PhD of Science in Sustainable Ecosystem Management (PhD SEM)

The PhD SEM program is designed to train human capital in natural resource governance in Cambodia in the context of rapid global environmental change to ensure food security and sustainable development in the region. This program focuses on the development of a Decision Support System (DSS) that can mitigate the effects of climate change and human activities and contribute to short-term and long-term planning for ecosystem service management.

*Leading academically in...*

#### List of Core Subjects

- Field Method in Ecology
- Machine Learning
- Research Methodology
- Community Ecology and Ecosystem Dynamics
- Ecological Status and Reference Condition
- Sustainable and Economic Development
- Biodiversity Conservation and Management

#### Prospectus careers:

- Senior expert on decision support systems in natural resource management
- Lecturer or researcher in public or private universities (*-field?*)
- National or international consultant in natural resource management
- Policy makers or environmental managers in the field of natural resource development in government institutions and national and subnational civil society
- New generation entrepreneur (start-up) on ecosystem services

### PhD in Educational Science in Educational Management (PhD EM)

The PhD EM program is designed to train human capital in educational leadership and management, curriculum design, educational policy, STEM education, and internal quality assurance in education. This program is a combination of theory and practice based on labor market needs in recent times.

#### List of Core Subjects

- Curriculum Development and Planning
- Educational Leadership and Management
- Educational Research
- Educational Policy Studies
- STEM Education
- Institution Quality Assurance

#### Prospectus careers:

- Senior consultant in education to make educational policy in national and international institutions
- Head of research team, lecturer, and master teacher in public and private universities, civil societies, and non-governmental organizations
- National and international project coordinators and research project managers to human resource development plans in education
- Postdoctoral fellowship in the social science field that enhances research knowledge to request a professorship rank in research institutions or higher education institutions