MINISTRY OF EDUCATION AND TRAINING

**LAC HONG UNIVERSITY**

**COURSE OUTLINE**

**<125012 – RESEARCH METHODOLOGY>**

| **1.** | **GENERAL INFORMATION** | |
| --- | --- | --- |
| Course name (Vietnamese): | | Phuong phap nghien cuu khoa hoc |
| Course name (English): | | Research Methodology |
| Course ID: | | 125012 |
| Types: | | Fundamentals of major |
| Faculty/Department: | | Administration – International Economics |
| Main Lecturer: | | Duong Thi Phuong Hanh ([hanhdtp@lhu.edu.vn](mailto:hanhdtp@lhu.edu.vn)) |
| Lecturer participating in: | | Tran Thi My Huong ([huongttm@lhu.edu.vn](mailto:huongttm@lhu.edu.vn)) |
| Number of credits: | | 2 |
| Theory: | | 1 period |
| Practice: | | 0 periods |
| Exercise: | | 1 period |
| Specialty: | | *Obligatory to students in Major of Tourism and Travel Management* |
| **2.** | **COURSE DESCRIPTION** | |

This course provides the basic information of doing scientific research. The first part of this course will demonstrate the theoretical overview of scientific research, ways to create the research problems. In addition, the course will focus on the sampling methods, how to collect the primary data and secondary data. Besides, this course will introduce how to establish a scientific research outline.

**3. COURSE LEARNING OUTCOMES**

**Table 1: Course Learning Outcomes (CLOs)**

| **Course Learning Outcomes (CLOs)** | **Course Learning Outcomes Content** | **Bloom domain/Bloom level** | **Program Learning Outcomes PLOs/SOs/PI (\*)** |
| --- | --- | --- | --- |
| CLO1 | Applying the knowledge to demonstrate the theoretical basis, establishing research outline in tourism activities | Knowledge (3) | PLO1  (PI1.2) |
| CLO2 | Doing the scientific research reports by languages, writings | Skills (3) | PLO5  (PI5.1, PI5.2) |
| CLO3 | Obeying the ethical standards in scientific research | Attitude (2) | PLO7  (PI7.2) |
| CLO4 | Creating a lifelong habit in self-reading and using online equipment to find the study documentation. | Attitude (4) | PLO8  (PI8.1) |

**4. COURSE CONTENT, LESSON PLAN**

**Table 2: Course Content, Lesson Plan**

| **Week** | **Lesson/**  **Chapter** | **Name/Chapter** | **Lesson Learning Outcomes (LLO)** | | **Lecture and Study activities** | **Teaching methods** | **Assessment methods** | **References (\*)** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | Chapter 1 | **The overview of science and scientific research**  1.1 Definitions of science & scientific research  1.2 The basic features of scientific research  1.3 The functions of scientific research  1.4 Classifying types of scientific research  1.5 The criteria of identifying the quality of a scientific research | LLO1.1 | **Presenting** basic concepts of scientific overview and scientific research | Lecturer introduces the course overview, regulations and study goals.  Students approach new knowledge by listening, observing and questioning.  Lecturer provides regulations on the evaluating methodology of subjects through Attendance Score, participation in classroom group activities and completion of group reporting topics. | - Lecture  - Didactic questioning | - Short answer test | **[2], [4]** |
| 2 | Chapter 2 | **Research Problems**  2.1 Research problems  2.2 Research goals  2.3 Research hypothesis  2.4 Research subjects  2.5 Research copes  2.6 Research methods  2.7 Research meaning  2.8 Research status overview | L  LLO2.1 | **Identifying** the research problem | Lecturer teaches and guides students to identify research issues and discuss about choosing a suitable research topic | - Lecture  - Didactic questioning  - Discussion | - Short answer test | **[2], [3]** |
| 3 | 2.9 Establishing the scientific research outline  - Name of subject  - Reason for writing  - Overview of relevant study issues  - Objectives and tasks of the study  - Object and scope of the study  - Study methods  - Estimated theme layout  - References  - Expected outcomes of the topic  - Plan of implementation of the subject  - Projected theme | L  LLO2.  2 | **Describing** the contents of scientific research outline. | Lecturer teaches and instructs students to know steps of establishing a research framework and discuss about the content of a group's scientific research proposal | - Lecture  - Discussion | - Short answer test | **[2]** |
| 4 | 2.10 Process of implementation of scientific research subjects  ▪ Identifying and describing the research problem  ▪ Learning the theoretical basis  ▪ Developing a research strategy and plan  ▪ Selecting patterns, research, collection and processing of information ▪ Verification of hypotheses   * Writing research reports | L  LLO2.  3 | **Applying** steps of the process to conduct scientific research. | Lecturer teaches and guides students to know steps in the process of conducting scientific research and discuss about how to select a sample for the group's research topic | - Lecture  - Didactic questioning  - Discussion | - Short answer test | **[2], [3]** |
| 5,6 | Chapter 3 | **Synthesizing the theoretical basis of research**  **▪** Concepts and purposes of the study of the theoretical basis  ▪ Requirements for setting uo a theoretical research base  ▪ Objectives of the theoretical foundation building  ▪ Source of documentation for the theory foundation construction   * ▪ The process of building the theoretical foundation | LLO3.1 | **Forming** an overview of research issues in the country | Lecturer teaches and instructs students to know the process of establishing the theoretical basis and discuss about the synthesis of the theoretical basis for the group's scientific research topic | - Lecture  - Didactic questioning  - Discussion | - Short answer test | **[2], [3]** |
| LLO3.2 | **Forming** an overview of research issues abroad |
| 7 | Chapter 4 | **Presentation of scientific research results**  **▪** The layout of the scientific research report  ▪ How to present the catalogue of references   * How to present a scientific journal | LLO4.1 | **Organizing** the layout of the scientific research report | Lecturer teaches and guides students to present the results of scientific research and discuss about how to quote and write references in the team's scientific research | - Lecture  - Discussion | - Short answer test | **[4]** |
| 8 | Chapter 5 | **Evaluation of scientific research work**  - Objective of ethical compliance in scientific research  - Requirements in scientific research  - Legal guarantees for scientific research  - Criteria for evaluation of research results | LLO5.1 | **Obeying** the ethical standards in scientific research | Lecturer teaches and instructs students to the purpose of ethical compliance in scientific research and discuss about the criteria for evaluating research | - Lecture  - Discussion | - Short answer test | **[5]** |
| 9 | Midterm | **Midterm test 30%** | LLO6.1 | **Obeying** the test regulations | Students take the test on Me (online test) | No | Multiple choice tests |  |
| 10 | Midterm | **Presentations of group 1, 2** | LLO7.1 | **Reporting** essay through oral exam | The team made a comprehensive presentation on the development of the scientific research framework. | No | Presentations |  |
| 11 | Midterm | **Presentations of group 3,4** |
| LLO7.2 | **Reporting** essay through written report | Essay |  |

|  | **5. MAPPING OF LESSON AND COURSE LEARNING OUTCOMES** |
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**Table 3: Mapping of Lesson and Course Learning Outcomes**

| **Lesson Learning Outcomes** | **Course Learning Outcomes** | | | | **Evaluation Component** |
| --- | --- | --- | --- | --- | --- |
| **CLO1** | **CLO2** | **CLO3** | **CLO4** |
| **LLO1.1** | x |  |  |  | A1, A2, A3 |
| **LLO2.1** | x |  |  |  | A1, A2, A3 |
| **LLO2.2** | x |  |  |  | A1, A2, A3 |
| **LLO2.3** | x |  |  |  | A1, A2, A3 |
| **LLO3.1** |  |  |  | x | A1 |
| **LLO3.2** |  |  |  | x | A1 |
| **LLO4.1** | x |  |  |  | A1, A2, A3 |
| **LLO5.1** |  |  | x |  | A2 |
| **LLO6.1** |  |  | x |  | A2 |
| **LLO7.1** |  | x |  |  | A1 |
| **LLO7.2** |  | x |  |  | A1 |

| **5.** | **COURSE ASSESSMENT** |
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**Table 4: Course assessment**

| **Evaluation Component** | **Assessment** | **CLOs** | **Percentage (%)** |
| --- | --- | --- | --- |
| A1. Process | - Repetitive oral test  - Essay  - Presentations | CLO1, CLO2, CLO4 | *30%* |
| A2. Midterm | Multiple choice tests | CLO1, CLO3 | *30%* |
| A3. Final | Doing test on papers | CLO1 | *40%* |

| **6.** | **COURSE REQUIREMENTS AND EXPECTATIONS** |
| --- | --- |

- Attendance: Obeying the regulations.

- Students have to read the given study documentation by the lecturer before every lesson on the online learning system (LMS - learn.lhu.edu.vn).

- Students who do homework on LMS, answer short questions and do exercises in class will be given bonus marks for the students’ process.

- Finishing given group discussions according to the lecturer's regulations.

| **7.** | **STUDY REFERENCES** |
| --- | --- |

**Textbook**

[1] Vu Cao Dam (2023), Giao trinh Phuong phap nghien cuu khoa hoc, NXB

Giao duc Viet Nam.

**References**

[2] Dinh Phi Ho, Phuong phap nghien cuu kinh te va viet luan van thac si & luan van tien si, NXB Tai chinh, 2021.

[3] Ha Nam Khanh Giao, Bui Nhat Vuong, Phuong phap nghien cuu khoa hoc trong kinh doanh - cap nhat SmartPLS, NXB Tai chinh, 2019

[4] Dinh Phi Ho, Nghien cuu dinh luong trong kinh te & viet bai bao khoa hoc, NXB Tai chinh, 2019.

[5] Dinh Phi Ho, Phuong phap dinh luong trong nghien cuu quan tri kinh doanh va quan ly kinh te, NXB Tai chinh, 2020.

| **8.** | **SOFTWARE OR SUPPORTING EQUIPMENTS FOR PRACTICE** |
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- Internet

- Google Chrome

**General rules:**

| **Abbreviation** | **Description** |
| --- | --- |
| **PLO/SO** | Program Learning Outcomes/Standard Outcomes |
| **PI** | Performance Indicators |
| **CLO** | Course Learning Outcomes |
| **LLO** | Lesson Learning Outcomes |

| **Head of Major/ Head of Faculty**  (sign and write full name) | Dong Nai, 2024  **Responsible lecturer**  (sign and write full name)  Duong Thi Phuong Hanh |
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