

## Course Syllabus

1. **Name of Curriculum** Bachelor of Science (Biological Science).  
**Faculty/Institute/College** International College, Mahidol University
2. **Course Code** ICBI 498  
**Course Title** Research project in Biological Science
3. **Number of Credits** 6 (0-12-6) (Lecture / Lab./self-study)
4. **Prerequisite** none
5. **Type of Course** Required course
6. **Trimester / Academic year**  
First Trimester of every academic year
7. **Course Condition**  
None
8. **Course Description**  
Small research project in biological sciences under supervision of an advisor.
9. **Course Objective**  
By the end of the course, students should be able to  
-Know how to do a research project on Biological Science.  
-Collect and analyze data obtained from experiments in Biological Science.  
-Summarize the data and writing up as a scientific paper.
10. **Course Outline**  
Each student will choose to do a research project from the topics offered by the staffs of the Science Division. The student will do so under the supervision of the staff who offers such a project topic. Each student is expected to carry out the research attentively everyday to obtain results.
11. **Teaching Methods**  
Research project is carried out in a laboratory under supervision of a supervisor.
12. **Teaching Media**  
Laboratory equipments and supplies.
13. **Course Achievement**  
Student achievement is measured and evaluated by
  - 13.1 The ability to do a research project on Biological Science.
  - 13.2 The ability to collect and analyze data
  - 13.3 The ability to achieve the result of the problem set up for the research
  - 13.4 The ability to summarize the data and writing up in a form of scientific paper. The ability to achieve the result of the problem set up for the research
  - 13.5 The ability to present and explain the research that had been done

Student's achievement will be graded according to the college and university standard using the symbols: A, B+, B, C+, C, D+, D and F. Students must attend at least 80% of the total class hours of this course.

Attentions paid to the research	70%
Research paper	20%
Presentaion	10%
Total	100%

#### **14. Course Evaluation**

14.1 Students' achievement as indicated in number 13 above.

14.2 Students' satisfaction towards teaching and learning of the course using questionnaires.

#### **15. References**

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#### **16. Instructors**

The staff who offer such a research problem.

#### **17. Course Coordinator**

Assoc. Prof. Saovanee Dharmsthiti