

## **Enrollment in GRID 521 Research Ethics**

### 1. Number of credits

1 credit (1-0-2) (lecture/lab/self-study). This is an elective course.

### 2. Assessment

Student's achievement will be graded as “S” (Satisfactory) and “U” (Unsatisfactory). A student who passes will receive an “S” (Satisfactory) indicating that they he or she has successfully attended the class, participated in the assigned activities, and had more than 80% attendance (If a student absent for more than one thread will result in a full-time students 80%).

### 3. Attendance

- Students must sign the attendance sign-in sheet when attending class.
- If students forget to sign the entry. Students are considered absent.
- If a student is enrolled exceeds the normal school hours will be 30 minutes late. And the third consecutive time, a topic considered absent.
- Pass/Fail Grade : A student who passes will receive an “S” (Satisfactory) indicating that he/she has successfully attended both lecture and group discussion classes with verified attendance.
- If there are any questions, please go to Mahidol University Institutional Review Board (MU-IRB)’s web board. <http://mu-irb.mahidol.ac.th/> Choose “Web board MU-IRB”
- On Saturday, 1<sup>st</sup> November, 2014 “Turnitin” let the students. Notebooks / laptops come with training to be done.

### 4. Course Supervisor and Instructors

Course Supervisor: Assoc. Prof. Sukumal Chongthammakun, Deputy Dean for Research, Faculty of Graduate Studies, Mahidol University. E-mail: [sukumal.cho@mahidol.ac.th](mailto:sukumal.cho@mahidol.ac.th).

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[kanyapak.par@mahidol.ac.th](mailto:kanyapak.par@mahidol.ac.th) Tel. 0-2441-4125 Ext. 319-320.

- Please contact the instructors via the web board under the category “GRID 512 Research Ethics” at [www.grad.mahidol.ac.th](http://www.grad.mahidol.ac.th)

### 5. "Ethics in Human Research" Equivalent

- The students who pass the lecture and group discussion will receive a certificate that is equivalent to passing the research ethics seminar offered by the Faculty of Graduate Studies.

### 6. Objectives - when completing the course, the students will be able to:

- Explain the definition of ethical research and its guidelines, identify the authorship of published work, recognize the ethical misconduct, and use the knowledge to appropriately conduct research with the awareness of rights protection and the well-being of human and animal subjects, their biological security, and environment.
- Explain the ethics application process for volunteers, consent process of identification, vulnerable subjects, privacy protection, and confidentiality.
- Explain ethical conduct in the care and use of animals in ongoing research.
- Analyze the problems occurring from unethical behavior and seek solutions.
- Criticize appropriate ethical conduct by using case studies.
- Explain the principles and sources of biological safety and security, and apply them in research conducted in laboratories