



**NATIONAL UNIVERSITY OF ENGINEERING  
COLLEGE OF SCIENCES  
COMPUTER SCIENCE PROGRAM**

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**CC412 – RESEARCH PROJECT I**

**I. GENERAL INFORMATION**

<b>CODE</b>	: CC412 Research Project I
<b>SEMESTER</b>	: 8
<b>CREDITS</b>	: 4
<b>HOURS PER WEEK</b>	: 8 (Theory – Laboratory)
<b>PREREQUISITES</b>	: CC463 Research Methodology
<b>CONDITION</b>	: Mandatory

**II. COURSE DESCRIPTION**

Its purpose is to guide the student in the preparation of the professional thesis. It is based on prior knowledge, which is organized and updated in relation to a research plan that, besides being rigorous, must be feasible.

To supervise the initial stages of the thesis development of each of the students registered in the seminar; including the stages of bibliographic search, definition of the objectives, methodology, products to be delivered and calendar of the proposed research work.

Formal registration of the thesis topic (Protocol) according to the guidelines proposed by the College of Sciences in the Computer Science program.

**III. LEARNING UNITS**

**1. What is an investigation?**

**2. Thesis**

I: Introduction.

II: What is known so far (briefly)

III: Present the most relevant ideas that have been worked on by others.

IV: Problem to be solved.

V: Description of how you solved the problem.

VI: Conclusion.

VII: References.

VIII: Appendices.

**3. How to choose a teacher as a thesis guide**

**4. How research is done at MIT**

#### **IV. BIBLIOGRAPHY**

- <http://delta.cs.cinvestav.mx/~francisco/semtesis/semtesis07.html>.
- <http://www.cs.umd.edu/~oleary/gradstudy/gradstudy.html>.
- <http://www.cs.indiana.edu/mit.research.how.to.html>.