

# DOCTOR OF PHILOSOPHY IN EDUCATION

## (Ph.D. in Education)

The Ph.D. and the D.Ed. programs in Education follow the same curriculum. Ph.D. candidates, however, need to fulfill the following additional graduation requirements: 1) two articles published in scholarly journals, 2) a reading knowledge of two foreign languages aside from English, and 3) a research-based dissertation.

### **301 PRINCIPLES OF ADMINISTRATION IN EDUCATIONAL INSTITUTIONS** **3 units**

This course provides an overview of the historical development of educational administration. The major emphasis will be on studying basic principles of management, administrative concepts, decision-making techniques and other major aspects involved in effectively managing an educational institution in the Philippines.

### **302 LEGAL BASIS OF EDUCATION IN THE PHILIPPINES** **3 units**

Study of the rights of the family, the church and the state in the education of the youth; how they constitute limitations upon the government's power to legislate on education; the Philippine constitutional and statutory provisions on education, including pertinent regulations and circulars; organization of the Philippine educational system. Emphasis on class discussion of students' reports, especially on school legislation.

### **303 PERSONNEL ADMINISTRATION IN EDUCATION** **3 units**

Primarily concerned with the administration of teacher-personnel; the role of the faculty in decision-making; in-service education and programs; teacher recruitment, selection and retention; tenure; salary schedule, etc.

### **304 FINANCIAL MANAGEMENT AND CONTROL: A SEMINAR** **3 units**

This course covers such topics as basic accounting principles, analysis of financial statements, procurement procedures, student registration procedures, budgeting, control, long-range planning of needs and resources.

### **305 EDUCATIONAL PLANNING: A SEMINAR** **3 units**

Rational methods and outcomes; quantification of educational data; criteria of measuring instruments; sampling survey; inter-relationships and production; and correlation analysis.

### **306 PRACTICUM IN EDUCATIONAL ADMINISTRATION: A SEMINAR** **3 units**

The planning, supervision, and maintenance of the school buildings, shops and other school facilities.

**307 PRACTICUM IN EDUCATIONAL ADMINISTRATION: A SEMINAR** **3 units**

Each student will undertake a study of a real problem in education existing on a local level and will report it to the class for discussion. A written report is also required.

**308 HUMAN BEHAVIOR IN ORGANIZATION: A SEMINAR** **3 units**

This course builds upon basic concepts found useful by administrators in dealing with individual and group behavior, including supervisory behavior, within various organization settings. A significant portion of the course consists of case studies written on problems dealing with human behavior factors in the school environment.

**309 SCIENCE CURRICULUM IN SECONDARY SCHOOLS** **3 units**

Students identify objectives appropriate for secondary science curriculum. Students examine instructional materials and teaching strategies for achieving the objectives and select evaluation procedures.

**310 BIOLOGICAL SCIENCE IN SECONDARY SCHOOLS** **3 units**

Review of related research findings on current available biological curriculum. Teaching methods are examined in the light of objectives, materials and evaluation.

**311 CURRICULUM DEVELOPMENT RECENT TRENDS** **3 units**

This course attempts to acquaint the student with the issues involved in curriculum development, and to develop an understanding of the learning process of the Filipino student in the context of the local school environment. Resource persons may be brought in to discuss recent developments in curriculum offerings in a wide variety of fields.

**312 PHYSICAL SCIENCE CURRICULUM IN SECONDARY SCHOOLS** **3 units**

Examination and evaluation of physics, chemistry and earth science curriculum and teaching methods currently used. This includes a review of related literature.

**313 SCIENCE IN THE ELEMENTARY SCHOOLS** **3 units**

Organizing and planning elementary science instruction. A review of instructional procedures. Introduction to inquiry and discovery approach, science projects, student evaluation.

**314 SCIENCE IN THE ELEMENTARY SCHOOLS** **3 units**

An interdisciplinary approach to current problems in science education with an emphasis on research methodology, design and application.

**315 USING COMMUNITY RESOURCES TO SUPPORT SCIENCE EDUCATION** **3 units**

The class visits community resources with an in-depth study of the educational program offered by three of these resources:

1. Bais or Tolong or Victorias Milling
2. Settling Basin
3. Marine Laboratory and Sumilon Island
4. Titanium Mines and CDCP
5. Geothermal Plant
6. Forest Area (Camp Look-out)

**316 SEMINAR IN THE IMPROVEMENT OF INSTRUCTION** **3 units**

Students review and interpret research reports concerned with supervisory function: develop plans related to improvement of instruction.

**317 TEACHING LITERATURE IN SECONDARY SCHOOLS** **3 units**

Literature for adolescents and young adult programs and materials appropriate for High School are examined. Development of interest and appreciation for them.

**318 TEACHING CONSTITUTIONAL ISSUES TO ELEMENTARY OR HIGH SCHOOL CHILDREN** **3 units**

This course is restricted to elementary teachers and administration. It concentrates on a certain amount and methodological approach for teaching liberty and equality at the elementary and high school levels.

**319 METHODOLOGY OF SECONDARY SCHOOL TEACHING** **3 units**

Models of teaching, strategies for curriculum implementation and instructional technology and process.

**320 PRINCIPLES OF RESEARCH** **3 units**

Application of the principles of scientific research to the problems in classroom instruction.

**321 HISTORY OF EDUCATIONAL THOUGHT** **3 units**

An overview of the historical development of education from early beginnings of the 20th century.

**322 PHILOSOPHY OF EDUCATION** **3 units**

Study of selected philosophical systems affecting education: Naturalism, Idealism, Realism and Pragmatism, etc., their evaluation and significant contributions to the creation of present institutions, educational methods and objectives.

**323 PHILOSOPHY OF THE PHILIPPINE EDUCATION** **3 units**

A critical examination of the philosophical foundations of the Philippine educational system and viewing it in the light of contemporary society.

**324 PROBLEMS IN PHILIPPINE EDUCATION (ELEMENTARY, SECONDARY AND HIGHER LEVELS) 3 units**

A study of the Philippine educational system of today, with special emphasis on current problems and issues as they affect social, political, and economic life.

**325 COMPARATIVE EDUCATION I (ASIAN EDUCATIONAL SYSTEMS) 3 units**

Educational goals, state relationships, system and teacher training in South and Southeast Asia (Japan, India, Republic of China, People's Republic of China, Pakistan, Thailand, Indonesia), and their implications in the Philippine educational system.

**326 ADVANCED STATISTICS 3 units**

This course is designed as a sequel to Principles of Research. Its emphasis is on applicable and appropriate statistical tools for analysis of specific types of variables that a student deals with in his/her research. Stress is made on the use of statistical tools in interpreting the results rather than on the mechanics of computational procedures.

**327 COMPARATIVE EDUCATION II (EUROPEAN AND WESTERN EDUCATIONAL SYSTEM) 3 units**

Educational goals; state relationships, systems and teacher training in Spain, United States, France, Germany, England and Russia and their implication in the Philippine educational system.

**328 ANALYSIS OF THE TRAINING PROCESS 3 units**

An examination of the classroom behavior of students and teachers through observational and interaction analysis.

**329 ATTITUDE FORMATION AND CHANGE IN THE CLASSROOM 3 units**

Affective learning, values and valuing, group process translation of the student and teacher behavior.

**330 PRODUCTION OF INSTRUCTIONAL MEDIA 3 units**

Special graphic techniques for preparing slides, transparencies, and charts for classroom use.

**331 EDUCATIONAL SOCIOLOGY IN THE PHILIPPINE SETTING 3 units**

The application of sociological approaches to problems in education within the context of Philippine conditions.

**332 EDUCATION AND ANTHROPOLOGY 3 units**

The cultural approach to the study of educational problems.

**333 SELECTION AND UTILIZATION OF MEDIA**

**3 units**

Survey of audio-visual materials and equipment for instructional purposes. Emphasis on grade level and subject matter adaptation of media to curriculum.

**334 PROBLEMS IN COLLEGE TEACHING**

**3 units**

Principles of course planning, teaching procedures, evaluation techniques and assessment of instructional objectives and outcomes.

**335 HISTORY AND PHILOSOPHY OF PHILIPPINE HIGHER EDUCATION: A SEMINAR**

**3 units**

Scholarly literature is discussed and special topics are considered.

**341 GUIDANCE AND STUDENT SERVICES IN EDUCATION**

**3 units**

Presents the organization and administration of guidance programs; student discipline; the philosophy and management of the student activities; health and athletic programs, their financing and evaluation; student publications; supervision of student residence; social attendance, etc.

**336 ISSUES IN SECONDARY EDUCATION**

**3 units**

Issues and problems that influence the organization and program of secondary schools in the Philippines as well as the secondary school, in a changing society