



BACHELOR OF SCIENCE IN NURSING

(Level 2 PAASCU Re-Accredited Status)

Program Description

The degree shall be Bachelor of Science in Nursing (BSN). To ensure the quality of the nursing graduate, the degree is conferred upon completion of at least four-year BSN program offered by the college duly recognized by the Commission on Higher Education. The BSN degree is equivalent to Level 6 of the Philippine Qualifications Framework.

The BSN is a four-year program consisting of general education and professional courses. Professional courses are threaded through from the first year thru the fourth year with emphasis on the nursing concepts with corresponding Related Learning Experiences (RLE). The BSN program provides an intensive nursing practicum that will refine further the nursing competencies to ensure achievement of the BSN program outcomes required of an entry level nurse.

Program Outcomes

1. Apply knowledge of physical, social, natural and health sciences, and humanities in the practice of nursing.
2. Provide safe, appropriate and holistic care to individuals, families, population groups and community utilizing nursing process.
3. Apply guidelines and principles of evidence-based practice in the delivery of care.
4. Practice nursing in accordance with existing laws, legal, ethical and moral principles.
5. Communicate effectively in speaking, writing and presenting using culturally-appropriate language.



6. Document to include reporting up-to-date client care accurately and comprehensively.
7. Work effectively in collaboration with inter-, intra-, and multi-disciplinary and multi-cultural teams.
8. Practice beginning management and leadership skills in the delivery of client care using a systems approach.
9. Conduct research with an experienced researcher.
10. Engage in lifelong learning with a passion to keep current with national and global developments in general, and nursing and health development.
11. Demonstrate responsible citizenship and pride of being a Filipino.
12. Apply techno-intelligent care systems and processes in health care delivery.
13. Adopt the nursing core values in the practice of the profession.
14. Apply entrepreneurial skills in the delivery of nursing care.



BACHELOR OF SCIENCE IN NURSING

FIRST YEAR

First Semester

		No. of hrs.		RLE		Total Units	Pre-requisites	Co-requisites
		Lec	Lab	SL	C			
GEDCORE01	Understanding the Self	3	0	0	0	3		
NCM100TFN	Theoretical Foundation of Nursing	3	0	0	0	3		
ANAPHYSIO	Anatomy and Physiology	3	2	0	0	5		
BICHMSTRY	Biochemistry	3	2	0	0	5		
GEDCORE04	Mathematics in the Modern World	3	0	0	0	3		
PHYSEDUC1	Physical Education (Wellness and Fitness)	2	0	0	0	2		
NSTPCWTS1	National Service Training Program	3	0	0	0	3		
RCICALL01	Computer Aided Language Learning Program 1	0	1	0	0	1		
Total		20	5	0	0	25		

Second Semester

		No. of hrs.		RLE		Total Units	Pre-requisites	Co-requisites
		Lec	Lab	SL	C			
NCM101HA	Health Assessment	3	0	0	0	3	NCM100TFN ANAPHYSIO BICHMSTRY	RLE101HA
RLE101HA	Related Learning Experience (102 hours)	0	0	2	0	2	NCM100TFN ANAPHYSIO BICHMSTRY	RLE101HA
NCM102HEDUC	Health Education	3	0	0	0	3		
NCM103FNP	Fundamentals of Nursing Practice	3	0	0	0	3	NCM100TFN ANAPHYSIO BICHMSTRY	RLE103FNP & NCM101HA
RLE103FNP	Related Learning Experience (102 hours)	0	0	2	0	2	NCM100TFN ANAPHYSIO BICHMSTRY	NCM103FNP NCM101HA
PHYSEDUC2	Physical Education (Self Defense)	2	0	0	0	2	PHYSEDUC1	
NSTPCWTS2	National Service Training Program	3	0	0	0	3	NSTPCWTS1	
GEDCORE07	Ethics	3	0	0	0	3		
GEDCORE03	Purposive Communication	3	0	0	0	3		
RCICALL02	Computer Aided Language Learning Program 2	0	1	0	0	1	RCICALL01	
Total		20	1	4	0	25		



SECOND YEAR

First Semester

		No. of hrs.		RLE		Total Units	Pre-requisites	Co-requisites
		Lec	Lab	SL	C			
NCM104CHN1	Community Health Nursing1: Individual and Family as Client	2	0	0	0	2	NCM101HA RLE101HA NCM103FNP RLE103FNP	RLE104CHN1
RLE104CHN1	Related Learning Experience (102 hours)	0	0	0	2	2	NCM101HA RLE101HA NCM103FNP RLE103FNP	NCM104CHN1
NCM107MCF	Care of Mother, Child, and Adolescent (Well Client)	4	0	0	0	4	NCM101HA RLE101HA NCM103FNP RLE103FNP	NCM107MCF MICROPARA
RLE107MCF	Related Learning Experience (255 hours)	0	0	2	3	5	NCM101HA RLE101HA NCM103FNP RLE103FNP	NCM107MCF MICROPARA
NCM108HCE	Health Care Ethics (BioEthics)	3	0	0	0	3		
MICROPARA	Microbiology and Parasitology	3	1	0	0	4	ANAPHYSIO BICHMSTRY	NCM107MCF RLE107MCF
PHYSEDUC3	Physical Education 3	2	0	0	0	2	PHYSEDUC3	
RCICALL02	Computer Aided Language Learning Program 3	0	1	0	0	1	RCICALL02	
GEDCORE05	The Contemporary World	3	0	0	0	3		
Total		17	2	2	5	26		

Second Semester

		No. of hrs.		RLE		Total Units	Pre-requisites	Co-requisites
		Lec	Lab	SL	C			
NCM105NDT	Nutrition and Diet Therapy	2	1	0	0	3	ANAPHYSIO BICHMSTRY MICROPARA	
NCM106PHR	PHARMACOLOGY	3	0	1	0	4	ANAPHYSIO MICROPARA BICHMSTRY	
NCM109MCP	Care of Mother and Child at Risk or with Problems (Acute and Chronic)	6	0	0	0	6	NCM104CHN1 RLE104CHN1 NCM107MCF RLE107MCF	RLE109MCP
RLE109MCP	Related Learning Experience (306 hours)	0	0	1	5	6	NCM104CHN1 RLE104CHN1 NCM107MCF RLE107MC	NCM109MCP



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PHYSEDUC4	PE 4 (Swimming)	2	0	0	0	2	PHYSEDUC3
NCM110NIF	Nursing Informatics	2	1	0	0	3	
RCICALL04	Computer Aided Language Learning Program 4	0	1	0	0	1	RCICALL03
Total		15	3	2	5	25	

Summer		No. of hrs.		RLE		Total	Pre-	Co-
		Lec	Lab	SL	C	Units	requisites	requisites
GEMANDATE	Life and Works of Rizal	3	0	0	0	3		
GEDELEC01	Great Books	3	0	0	0	3		
GEDCORE06	Science, Technology and Society	3	3	0	0	0		
Total		9	0	0	0	9		

THIRD YEAR First Semester

		No. of hrs.		RLE		Total	Pre-	Co-
		Lec	Lab	SL	C	Units	requisites	requisites
NCM111NR1	Nursing Research 1	2	0	1	0	3		
NCM107MCF	Care of Clients with Problems in Oxygenation Fluid and Electrolyte, Infectious, Inflammatory, And Immunologic Response, Cellular Aberration, Acute and Chronic	8	0	0	0	8	NCM109MCP RLE109MCP NCM109NDT NCM108PHR	RLE112OFI
RLE112OFI	Related Learning Experience (306 hours)	0	0	1	5	6	NCM105NDT RLE106PHR NCM109MCP RLE109MCP	NCM112OFI
NCM113CHN2	Community Health Nursing 2 (Population Groups and Community As Clients)	3	0	0	0	3	NCM104CHN1 RLE104CHN1	RLE113CHNS2
RLE113CHN2	Related Learning Experience (51 hours)	0	0	0	1	1	NCM104CHN RLE104CHN1	NCM113CHN2
GECELEC07	Gender and Society	3	0	0	0	3		
RCIREED01	Values and Leadership Of Jesus Christ	2	0	0	0	2		
Total		17	0	2	6	25		



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Second Semester		No. of hrs.		RLE		Total	Pre-	Co-
		Lec	Lab	SL	C	Units	requisites	requisites
NCM114COP	Care of Older Perso	2	0	0	0	2	NCM112OFI RLE112OFI	RLE114COP
RLE114COP	Related Leaning Experience (51 hours)	0	0	0	1	1	NCM112OFI RLE112OFI	NCM114COP
NCM115NR2	Nursing Research 2	0	0	2	0	2	NCM111NR1	
NCM116NGEP	Care of Clients with Problems in Nutrition, Gasytro-Intestinal, Metabolism and Endcrine, Perception, And Coordination, Acute and Chronic	5	0	0	0	5	NCM112OFI RLE112OFI	RLE116NGEP
RLE116NGEP	Related Learning Experience (204 hours)	0	0	1	3	4	NCM112OFI RLE112OFI	NCM116NGEP
NCM117MPB	Care of Clients with Maldaptive Patterns of Behavior, Acute and Chronic	4	0	0	0	4	NCM112OFI RLE112OFI	RLE117MPB
RLE117MPB	Related Leaning Experience (204 hours)	0	0	0	4	4	NCM112OFI RLE112OFI	NCM117MPB
GEDCORE08	Art Appreciatioin	3	0	0	0	3		
RCIREED02	Lessons of Professionalism in the Bible	2	0	0	0	2	RCIREED01	
Total		16	0	3	8	27		
Summer		No. of hrs.		RLE		Total	Pre-	Co-
		Lec	Lab	SL	C	Units	requisites	requisites
GEDELEC08	Entrepreneurial Mind	3	0	0	0	3		
GEDCORE02	Reading in Philippine History	3	0	0	0	3		
LOGICRIT	Logic and Critical Thinking	3	3	0	0	0		
Total		9	0	0	0	9		



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FOURTH YEAR

First Semester

		No. of hrs.		RLE		Total Units	Pre-requisites	Co-requisites
		Lec	Lab	SL	C			
NCM118CLME	Care of Clients with Life Threatening Conditions, Acutely ill/Multi-organ Problems High Acuity and Emergency Situations, Acute and Chronic	4	0	0	0	4	NCM116GEP RLE118GEP NCM117MPB RLE117MPB NCM114COP RLE114COP	RLE118LME
RLE118LME	Related Learning Experience (255 hours)	0	0	2	3	5	NCM116GEP RLE116GEP NCM117MPB RLE117MPB NCM114COP RLE114COP	NCM118LME
COMPAPPR1	Competency Appraisal 1	3	0	0	0	3	NCM100 NCM117	
NCM119NLM	Nursing Leadership and Management	4	0	0	0	4	NCM116GEP RLE116GEP NCM117MPB RLE117MPB NCM114COP RLE114COP	RLE119NLM
RLE119NLM	Related Learning Experience (153 hours)	0	0	0	3	3	NCM116GEP RLE116GEP NCM117MPB RLE117MPB NCM114COP RLE114COP	NCM119NLM
NCM120DET	Decent Work, Employment, and Transcultural Nursing	3	0	0	0	3		
Total		14	0	2	6	22		

Second Semester

		No. of hrs.		RLE		Total Units	Pre-requisites	Co-requisites
		Lec	Lab	SL	C			
NCM121DN	Disaster Nursing	2	1	0	0	3	COMPAPPR1 NCM118LME RLE118LME NCM119NLM RLE119NLM	COMPAPPR2
NCM122INP	Intensive Nursing Practicum	0	0	0	8	8	All Professional Courses	
COMPAPPR2	Competency Appraisal 2	3	0	0	0	3	COMPAPPR1 NCM100 NCM120	NCM121DN
Total		11	0	1	8	20		



SUMMARY OF REQUIRED COURSES Bachelor of Science In Nursing

	Number of	RLE/ Courses Required	Lec	Lab	Total Subtotal	Units
Core Courses						24
Understanding the Self	1		3	0	3	
Readings in Philippine History	1		3	0	3	
The Contemporary World	1		3	0	3	
Mathematics in the Modern World	1		3	0	3	
Purposive Communication	1		3	0	3	
Art Appreciation	1		3	0	3	
Science, Technology and Society	1		3	0	3	
Ethics	1		3	0	3	
Elective Courses						9
Great Books	1		3	0	3	
Gender and Society	1		3	0	3	
Entrepreneurial Mind	1		3	0	3	
The Life and Works of Rizal						3
The Life and Works of Rizal	1		3	0	5	
Other Courses						14
Physical Education	4		2	0	8	
National Service Training Program (NSTP 1 and 2)	2		3	0	6	
Major Courses						17
Biochemistry	1		3	2	5	
Logic and Critical Thinking	1		3	0	3	
Anatomy and Physiology	1		3	2	5	
Microbiology and Parasitology	1		3	1	4	
Other Institutional Courses						14
Computer Aided Learning Program 1	1		1	0	1	
Computer Aided Learning Program 2	1		1	0	1	
Computer Aided Learning Program 3	1		1	0	1	
Computer Aided Learning Program 4	1		1	0	1	
Values and Leadership of Jesus	1		2	0	2	
Lessons of Professionalism in the Bible	1		2	0	2	
Competency Appraisal	2		3	0	6	



Professional Courses

125

Theoretical Foundations in Nursing	1	3	0	3
Health Assessment	2	3	2	5
Health Education	1	3	0	3
Fundamentals of Nursing Practice	2	3	2	5
Community Health Nursing I	2	2	2	4
Nutrition and Diet Therapy	1	2	1	3
Pharmacology	1	3	0	3
Care of Mother, Child at risk or with problems	2	6	6	12
Nursing Informatics	1	3	0	3
Nursing Research 1	1	3	0	3
Care of Clients with Problems Fundamentals of Oxygenation, Fluid and Electrolyte, Balance, Metabolism and Endocrine	2	8	6	14
Community Health Nursing II	2	2	1	3
Care of the Older Person	2	2	1	3
Nursing Research II	1	3	0	3
Care of Clients with Problems in Nutrition And GI Metabolism and Endocrine, Perception and Coordination, Acute and Chronic	2	5	4	9
Care of Clients with Maladaptive Patterns of Behavior, Acute and Chronic	2	2	1	3
Care of Clients with Life Threatening Conditions, accurately ill, multi-organ Problems, high acuity and emergency Situations, acute and chronic	2	4	5	9
Nursing Leadership and Management	2	4	3	7
Decent Work Employment and Transcultural Nursing	1	3	0	3
Disaster Nursing	1	2	1	3
Intensive Nursing Practicum	1	0	8	8

Total

206



COURSE DESCRIPTION
Bachelor of Science In Nursing

BICHMSTRY **5 units**
BIOCHEMISTRY

The course gives a general knowledge of chemistry (mostly inorganic) with an emphasis on health-related topics and problem-solving strategies. Descriptive and quantitative principles are discussed. This course also introduces the fundamental principles of biochemistry and biochemical reaction cycles. Its deals with the study of the properties, structures, functions, absorption, digestion and metabolism of proteins, enzymes, carbohydrates and lipids.

LOGICCRIT **3 units**
LOGICAL AND CRITICAL THINKING

This course describes and examines the fundamental concept of terms,

MICROPARA **4 units**
MICROBIOLOGY **AND**
PARASITOLOGY

This is an introductory course designed to assist students in the study of the important microorganisms and parasites. The first part covers the fundamentals of Microbiology (forms, morphology, arrangement and physiology of bacteria, fungi, viruses and protozoa) mechanics of causing diseases, their resistance to treatment and the body's immune defense against them. The second part briefly covers the study of human parasites (mode of transmission, life cycle and disease process) which are of medical importance. Emphasis of this course is given on pathology, treatment and prevention of various diseases.

propositions and inference by way of deductive method. It will further enhance the intellectual aspects of the students in presenting their assumptions and arguments through logical and critical approach to have a valid reasoning.

ANAPHYSIO **5 units**
ANATOMY AND PHYSIOLOGY

This course deals with the human being in terms of its adaptations, structural framework, with emphasis on physiological regulations' adaptive mechanisms; giving and integrating lecture and laboratory experiences which provide exercises and techniques in clinical situation.



OTHER INSTITUTIONAL COURSE DESCRIPTION

COMPAPPR1 **3 units** **COMPETENCY APPRAISAL 1**

The program deals with the health promotion, disease prevention, health maintenance, risk reduction, curative and rehabilitative aspects of care of the mother, child and family, population group and community, as well as sick individuals with alterations in oxygenation, fluid and electrolyte balance, metabolism, endocrine, inflammatory and immunologic response, and perception and coordination, in varied healthcare settings utilizing the core competencies in the 11 key areas of responsibilities.

COMPAPPR2 **3 units** **COMPETENCY APPRAISAL 2**

This course deals with the application of the concepts, principles and processes basic to the practice of nursing with emphasis on health promotion, health maintenance, preventive, risk reduction, curative and rehabilitative aspects of care of sick individual with alterations in cellular aberrations, adjustment problems and maladaptive patterns of behavior, acute biologic crisis, disaster and emergency. It includes the utilization of the nursing process and the core competencies under the eleven (11) key areas of responsibility.

PROFESSIONAL COURSE DESCRIPTION

NCM100TFN **3 units** **THEORETICAL FOUNDATIONS OF NURSING**

This course deals with nursing theories as applied to nursing practice on the aspect of the metaparadigm: person, health, environment and nursing. It includes other theories relevant to nursing.

NCM101HA **5 units** **HEALTH ASSESSMENT**

This course deals with concepts, principles and techniques of history taking, head to toe physical examination and psychosocial assessment using various tools and interpretation of laboratory findings to arrive at a nursing diagnosis.

NCM102HED **3 units** **HEALTH EDUCATION**

This course deals with concepts, principles and theories in teaching and learning. It also focuses on the appropriate strategies of health education as they apply in various health care scenarios.

NCM103FNP **5 units** **FUNDAMENTALS OF NURSING PRACTICE**

This course deals with concepts, principles, theories and techniques basic to nursing as a profession, science and art. It emphasizes on the concept of man as a holistic being and the professional roles of the nurse in health care setting.



NCM104CHN1 4 units
COMMUNITY HEALTH NURSING 1
(INDIVIDUAL AND FAMILY)

This course deals with concepts, principles, theories, and techniques in the provision of basic care in terms of health promotion, disease prevention, restoration and maintenance at the individual and family level. It includes the study of the Philippine Health Care Delivery System, national health situation and the global context of public health.

NCM105NDT 3 units
NUTRITION AND DIET THERAPY

This course deals with the study of food in relation to health and illness. It covers nutrients and other substances and their action, and interaction and balance in relation to health and diseases and the process by which an organism ingests, digests, absorbs, transports, utilizes and excretes food substances. Includes therapeutic and food service aspects of delivery of nutritional services in hospitals and other healthcare institutions.

NCM106PHR 3 units
PHARMACOLOGY

This course deals with pharmacodynamics, pharmacokinetics, clinical or therapeutic uses of drugs in health promotion, disease prevention, restoration and maintenance, and rehabilitation of clients across the lifespan utilizing the nursing process. Emphasis is given on the nursing responsibilities related to safe drug administration through medication monitoring and client education. It also includes complementary and alternative therapies.

NCM107MCF 4 units Lec, 5 units RLE
CARE OF MOTHER, CHILD AND
ADOLESCENT (WELL CLIENT)

This course deals with concepts, principles, theories, and techniques in the nursing care of individuals and families during childbearing and childbearing years toward health promotion, disease prevention, restoration and maintenance, and rehabilitation.

NCM108HCE 3 units
HEALTH CARE ETHICS (BIOETHICS)

This course deals with the application of ethico-moral concepts and principle affecting care of the individuals, families, population group and community. It involves discussion of issues and concerns in varied health care situations.

NCM109MCP 12
units
CARE OF MOTHER, CHILD AT RISK
OR WITH PROBLEMS

This course deals with concepts, principles, theories, and techniques in the nursing care of at risk/high risk/sick clients during childbearing and childbearing years toward health promotion, disease prevention, restoration and maintenance, and rehabilitation.

NCM110NIF 3 units
NURSING INFORMATICS

This course deals with concepts, principles, theories, and techniques on nursing informatics in clinical practice, education and research.

NCM111NR1 3 units
NURSING RESEARCH 1

This course deals with concepts and principles in the application of the major phases of the nursing research process.



It introduces the beginning role of the nurse as a nurse researcher.

NCM112OFI **3 units**
CARE OF CLIENTS WITH PROBLEMS IN OXYGENATION, FLUID AND ELECTROLYTE BALANCE, INFECTIOUS, INFLAMMATORY AND IMMUNOLOGIC RESPONSE, CELLULAR ABERRATION, ACUTE AND CHRONIC

This course deals with concepts, principles, theories and techniques of nursing care management of at risk and sick adult clients in any setting with alterations/problems in oxygenation, fluid and electrolytes, infectious, inflammatory and immunologic response, cellular aberrations, acute and chronic.

NCM113CHN2 **3 units**
COMMUNITY HEALTH NURSING 2 (POPULATION GROUPS AND COMMUNITY AS A CLIENT)

This course deals with concepts, principles, theories and techniques in the care of population groups and communities utilizing community organizing strategies toward health promotion, disease prevention, restoration and maintenance, and rehabilitation, and community development.

NCM114COP **3 units**
CARE OF THE OLDER PERSON

This course deals with concepts, principles, theories and techniques in the care of older adults.

NCM115NR2 **3 units**
NURSING RESEARCH II

This course deals with the application of concepts, principles, theories, and techniques in the major phases of the

nursing research process. This includes the collection, analysis, interpretation and presentation of data, conclusions and recommendations.

NCM116GEP **9 units**
CARE OF CLIENTS WITH PROBLEMS IN NUTRITION, GASTRO-INTESTINAL, METABOLISM, AND ENDOCRINE, PERCEPTION AND COORDINATION, ACUTE AND CHRONIC

This course deals with the application of concepts, principles, theories, and techniques of nursing care of at-risk and sick adult clients in any setting with alterations/problems in nutrition, gastro-intestinal, metabolism, and endocrine, perception and coordination, acute and chronic toward health promotion, disease prevention, restoration and maintenance, and rehabilitation.

NCM117MPB **8 units**
CARE OF CLIENTS WITH MALADAPTIVE PATTERNS OF BEHAVIOR, ACUTE OR CHRONIC

This course deals with the application of concepts, principles, theories, and techniques of nursing care management of clients with maladaptive patterns of behavior of individuals, families, population groups and communities, across the lifespan in any health care setting.

NCM118LME **9 units**
CARE OF CLIENTS WITH LIFE THREATENING CONDITIONS, ACUTELY ILL/ MULTI-ORGAN PROBLEMS, HIGH ACUITY AND EMERGENCY SITUATIONS, ACUTE AND CHRONIC

This course deals with the application of concepts, principles, theories, and techniques of nursing care of sick adult clients with life-threatening conditions,



acutely ill/ multi-organ problems, high acuity and emergency situation toward health promotion, disease prevention, restoration and maintenance, and rehabilitation.

NCM119NLM **7 units**
NURSING LEADERSHIP AND MANAGEMENT

This course deals with the application of concepts, principles, theories, methods and strategies of management and leadership in the delivery of client care based on professional standards of nursing practice.

NCM120DET **3 units**
DECENT WORK EMPLOYMENT AND TRANSCULTURAL NURSING

This course provides the students with an overview of the influence of culture on health care practices and in the delivery of nursing care for individuals, groups, and communities. Students will gain

increased awareness of culturally diverse nursing care and a sound understanding of the impact of cultural beliefs, values, and practices upon health and health care delivery.

NCM121DN **3 units**
DISASTER NURSING

This course deals with the application of concepts, principles, theories, methods and strategies in disaster risk reduction and management to groups of clients in any setting.

NCM122INP **3 units**
INTENSIVE NURSING PRACTICUM

This course deals with the 3 major roles of a beginning professional nurse as a care provider, leader and manager, and researcher in the context of the Philippine professional nursing practice standards.



INSTITUTIONAL COURSE DESCRIPTION

GEDCORE01 **3 units** **UNDERSTANDING THE SELF**

This course deals with the different aspects and concepts of self in terms of physical, emotional, cognitive, social, moral and responsible self. It covers topics about the nature of personal identity, enhancing one's self-image and assessing self-improvement. It aims to assist students in developing self-awareness, understanding and accepting oneself and others. As the course progresses, it will guide them to realize their vision in life and increase commitment to find meaning in their life.

GEDCORE02 **3 units** **READINGS IN PHILIPPINE HISTORY**

This course critically analyses Philippine History from multiple perspectives through the lens and selected primary sources. Priority will be given to primary sources that describe the important turning points in Philippine History from prehistoric times up to the contemporary period and articulate various perspectives. The approach, though historical, will deal with interdisciplinary subjects so as to broaden and deepen the student's understanding of Philippine political, economic, social and cultural history and equip the learner with the competencies necessary to analyze and evaluate different types of information: print, visual and audio visual and quantitative. The end goal is to develop the historical and critical consciousness of the students so that they will become versatile, broad-minded, morally upright and responsible citizens.

GEDCORE03 **3 units** **PURPOSIVE COMMUNICATION**

Purposive communication is a three-unit course that develops students' communicative competence and enhances their cultural and intercultural awareness through multimodal tasks that provide them opportunities for communicating effectively and appropriately to a multicultural audience in a local or global context. It equips students with tools for critical evaluation of a variety of texts and focuses on the power of language and the impact of images to emphasize the importance of conveying messages responsibly. The knowledge, skills, and insights that students gain from this course may be used in their other academic endeavors, their chosen disciplines, and their future careers as they compose and produce relevant oral, written, audio-visual and /or web-based output for various purposes.

GEDCORE04 **3 units** **MATHEMATICS IN THE MODERN WORLD**

This course deals with nature of mathematics, appreciation of its practical, intellectual and aesthetic dimensions and application of mathematical tools in daily life.

The course begins with an introduction to the nature of mathematics as an exploration of patterns (in nature and environment) and an application of inductive and deductive reasoning. By exploring these topics, students are encouraged to go beyond the typical understanding of mathematics as merely a set of formulas but as a source of



aesthetics in patterns of nature and a rich language in itself (and the science) governed by logic reasoning.

The course then proceeds to survey ways in which mathematics provides a tool for understanding and dealing with various aspects of present day living such as managing personal finances, making social choices, appreciating geometric designs, understanding codes used in data transmission and security, and dividing limited resources fairly. These aspects will provide opportunities for actually doing mathematics in a broad range of exercises that bring out the various dimensions of mathematics as a way of knowing the test the students' understanding and capacity. (CMO No. 20, series of 2013)

GEDCORE05 **3 units** **THE CONTEMPORARY WORLD**

This course introduces students to the contemporary world by examining the multifaceted phenomenon of globalization. Using the various disciplines of the social sciences, it examines the economic, social, political, technological and other transformations that have created an increasing awareness of the interconnectedness of people and places around the globe. To this end, the course provides an overview of the various debates in global governance, development and sustainability. Beyond exposing the student to the world outside the Philippines, it seeks to inculcate a sense of global citizenship and global ethical responsibility.

This course includes mandatory topics on population education in the context of population and demography.

GEDCORE06 **3 units** **STS- SCIENCE, TECHNOLOGY AND SOCIETY**

The course deals with the interaction between science and technology and social, cultural, political and economic contexts that shape and are shaped by them (CMO No. 20, series of 2013)

The interdisciplinary course engages students to confront the realities brought about by science and technology in society. Such realities pervade the personal, the public, and the global aspects of our living and are integral to human development. Scientific knowledge and technological development happen in the context of society with all its socio-political, cultural, economic and philosophical underpinnings at play. This course seeks to instill reflective knowledge in the students that they are able to live the good life and display ethical decision making in the face of scientific and technological advancement. This course includes mandatory topics on climate change and environmental awareness.

GEDCORE0 7 **3 units** **ETHICS**

Ethics deals with principles of ethical behavior in modern society at the level of the person, society, and in interaction with the environment and other shared resources. (CMO 20 s 2013)

Morality pertains to the standards of right and wrong that an individual originally picks up from the community. The course discusses the context and principles of



ethical behavior in modern society at the level of individual, society, and interaction with the environment and other shared resources. The course also teaches students to make moral decisions by using dominant moral frameworks and by applying a seven-step moral reasoning model to analyze and solve moral dilemmas. The course is organized according to the three (3) main elements of the moral experience: (a) agent, including context-cultural communal, and environmental; (b) the act; and (c) reason or framework (for the act).

GEDCORE08 **3 units**
ART APPRECIATION

Art Appreciation is a three-unit course that develops students' ability to appreciate, analyze, and critique works of art. Through interdisciplinary and multimodal approaches, this course equips students with a broad knowledge of the practical, historical, philosophical and social relevance of the arts in order to hone students' ability to articulate their understanding of the arts. The course also develops students' competency in researching and curating art as well as conceptualizing, mounting and evaluating art productions. The course aims to develop students' genuine appreciation for Philippine arts by providing them opportunities to explore the diversity and richness and their rootedness in Filipino culture.

BICHMSTRY **5 units**
BIOCHEMISTRY

Chemistry for the Life Sciences is a course for students typically majoring in nursing. The course gives a general knowledge of chemistry (mostly

inorganic) with an emphasis on health-related topics and problem-solving strategies. Descriptive and quantitative principles are discussed. This course also introduces the fundamental principles of biochemistry and biochemical reaction cycles. Its deals with the study of the properties, structures, functions, absorption, digestion and metabolism of proteins, enzymes, carbohydrates and lipids.

MICROPARA **4 units**
MICROBIOLOGY **AND**
PARASITOLOGY

This is an introductory course designed to assist students in the study of the important microorganisms and parasites. The first part covers the fundamentals of Microbiology (forms, morphology, arrangement and physiology of bacteria, fungi, viruses and protozoa) mechanics of causing diseases, their resistance to treatment and the body's immune defense against them. The second part briefly covers the study of human parasites (mode of transmission, life cycle and disease process) which are of medical importance.

Emphasis of this course is given on pathology, treatment and prevention of various diseases.

CO PHYSICS **3 units**
COLLEGE PHYSICS

It is a lecture and laboratory course. The course deals with the basic concepts of Physics, such as matter and energy and their interaction. Conceptual approach is used. Covers the ideas of motion, forces, momentum and energy from within the framework of Newton's Laws. The principles and applications of classical mechanics and thermodynamics,



including harmonic motion, mechanical waves and sound, physical systems, Newton's Laws of Motion, and gravitation and other fundamental forces are studied with emphasis on problem solving. Laboratory experiments supporting the topics are included. The students are provided with laboratory activities designed to strengthen classroom discussions and lectures.

EARTH SCIE **3 units** **EARTH SCIENCE**

Earth Science and the Environment is a 3-unit course intended for college students who are taking a portion of their college general requirements. The course will cover basic topics in geology (major minerals and rock types, rock-forming processes, time scales; temperatures, pressures, compositions, structure of the Earth, and measurement techniques; geologic structures and relationships observable in the field; sediment movement and landform development by moving water, wind, and ice; crustal processes and planetary evolution in terms of global plate tectonics) and astronomy (stars, solar system, interstellar medium, the galaxy, and the universe). The course will also cover various environmental issues such as global warming, climate change, geological hazards, pollution, and renewable energies

GEMANDATE **3 units** **LIFE AND WORKS OF RIZAL**

As mandated by Republic Act 1425, this course covers the life and works of the country's national hero, Jose Rizal. Among the topics covered are Rizal's biography and writings, particularly the novels *Noli Me Tangere* and *El*

Filibusterismo, some of his essays, and various correspondences.

RCIREED01 **2 units** **VALUES AND LEADERSHIP OF JESUS CHRIST**

Values and Leadership of Jesus Christ is designed to give student's adequate knowledge about Catholic Faith and Doctrine in the light of the Sacred Scripture, Sacred Tradition and Church Documents. It exposes students to the many misconception and corrections about Catholic Faith which led them to carry out the sound and authentic Catholic Faith in their day to day lives. The course is organized according to the three (3) main elements of the moral experience: (a) agent, including context-cultural communal, and environmental; (b) the act; and (c) reason or framework (for the act).

The Course also tackles the Values and Leadership of Jesus Christ as portrayed from the Sacred Scriptures and Church social teachings. It identifies the different kinds of Christian Leadership a student of Riverside College must become.

RCIREED02 **2 units** **LESSON OF PROFESSIONALISM FROM THE BIBLE**

The Lesson of Professionalism from the Bible (Sacred Scriptures) is designed to give students the adequate knowledge about the fundamental biblical descriptions according to the Catholic Church teachings. It exposes students the right way in understanding the Bible as a means for them to share their experiences and lessons taken from the biblical chapters and verses discussed. The Course tackles the value of professionalism which can be associated



to the different human characters discussed in the subject. This is organized according to the connectivity of the Sacred Scriptures to the Trinitarian perspectives of God the Father, God the Son and God the Holy Spirit

RCIPHYSICS **3 units** **COLLEGE PHYSICS**

The course deals with the basic concepts of Physics, such as matter and energy and their interaction. Conceptual approach is used. Covers the ideas of torque, motion, forces, momentum and energy from within the framework of Newton's Laws. The principles and applications of classical mechanics and thermodynamics, including harmonic motion, mechanical waves and sound, physical systems, Newton's Laws of Motion, and gravitation and other fundamental forces are studied with emphasis on problem solving.

GEDELEC01 **3 units** **GREATBOOKS**

The course aims to introduce students to the international dimension of the Western literary tradition. Throughout this history, readers & writers were familiar with works in a variety of languages, & the great books all arise within a multilingual context. The course will draw on literatures written in English. The course aims to build up a sense of this broad context, & to give students the opportunity to read some "great books" with the understanding that this brings.

GEDELEC04 **3 units** **PHILIPPINE POPULAR CULTURE**

This course locates popular culture as a historico-spatial condition and

phenomenon of Philippine modernity. It provides the students with critical perspective in understanding and way of knowing popular culture in the Philippines. This course also provides multi-disciplinary attention on how art, music, and literature arising from opportunities and demands of mass audiences, markets and mass media and their social, economic, and political contexts.

GEDELEC05 **3 units** **PEOPLE AND THE EARTH'S ECOSYSTEM**

This course explores the ways in which human activity impacts the natural environment and how modification of environment can eventually have significant consequences to human activity. Topics include environmental challenges, such as air and water pollution, population growth and distribution, global atmospheric changes, ecosystems and evolution, agriculture and food resources and renewable and non-renewable energy resources.

GEDELEC06 **3 units** **LIVING IN THE IT ERA**

This course described the science, culture and ethics of Information Technology, in various uses and applications as well as its influence on culture and society. It is also designed to introduce the students to more advanced applications that can be used for research, communication, and electronic presentations.



GEDELEC07 **3 units** **GENDER AND SOCIETY**

Gender as a social construction, its role in the society and impact on different facets of societal life. This course critically examines the ways gender informs the social world in which we live. It exposes the "common sense" world of gender around us, considers how we develop our gendered identities, explores the workings of the institutions that shape our gendered lives and leads to an understanding of the between gender and the social structure

GEDELEC08 **3 units** **THE ENTREPRENEURIAL MIND**

This course introduces the concept of an entrepreneurial mindset and encourages the development of mindset and its associated enterprising skills, such as solving problems creatively, communicate persuasively, work effectively in teams and understand individual and organizational impact.

RCICALL1 **1 unit** **NEW DYNAMIC ENGLISH**

RCI Computer Aided Language Learning (RCI CALL) is designed to equip students the needed skills in English communication such as reading, listening, speaking and writing with the use of courseware and other references. RCI CALL embraces a wide range of information and communications technology applications and approaches to teaching and learning the universal language. The 21st century learners' interest in technology will be aided by the said program into an interactive and fun learning experience. Thus, the RCI CALL programs can be used by teachers as

technology partners in running their classrooms and solve problems like capturing students' attention and maintaining their interests. The nature of RCI CALL ensures that learning is a two-way street — dynamic and rigid.

RCICALL01 (NEW DYNAMIC ENGLISH) focuses on writing skills and uses well-designed scope and sequence. It promotes long term learning and keeps learners engaged with language. Since it focuses on the writing skill, it introduces students to the norms of academic writing

RCICALL2 **1 unit** **ENGLISH FOR SUCCESS**

RCI Computer Aided Language Learning (RCI CALL) is designed to equip students the needed skills in English communication such as reading, listening, speaking and writing with the use of courseware and other references. RCI CALL embraces a wide range of information and communications technology applications and approaches to teaching and learning the universal language. The 21st century learners' interest in technology will be aided by the said program into an interactive and fun learning experience. Thus, the RCI CALL programs can be used by teachers as technology partners in running their classrooms and solve problems like capturing students' attention and maintaining their interests. The nature of RCI CALL ensures that learning is a two-way street — dynamic and rigid.

RCI CALL 2 (ENGLISH FOR SUCCESS) Improves students reading comprehension and develops their English vocabulary. Also, It helps them



master the foundational reading skills and most importantly, it enhances their English language skills.

RCICALL3 **1 unit** **CLEAR SPEECH WORKS**

RCI Computer Aided Language Learning (RCI CALL) is designed to equip students the needed skills in English communication such as reading, listening, speaking and writing with the use of courseware and other references. RCI CALL embraces a wide range of information and communications technology applications and approaches to teaching and learning the universal language. The 21st century learners' interest in technology will be aided by the said program into an interactive and fun learning experience. Thus, the RCI CALL programs can be used by teachers as technology partners in running their classrooms and solve problems like capturing students' attention and maintaining their interests. The nature of RCI CALL ensures that learning is a two-way street — dynamic and rigid.

RCICALL03 (CLEAR SPEECH WORKS) focuses on Speaking skills, emphasizes the use of English language in expressing oneself orally and Improves students' oral communication and comprehension skills.

RCICALL4 **1 unit** **ADVANCE LISTENING**

RCI Computer Aided Language Learning (RCI CALL) is designed to equip students the needed skills in English communication such as reading, listening, speaking and writing with the use of courseware and other references. RCI CALL embraces a wide range of

information and communications technology applications and approaches to teaching and learning the universal language. The 21st century learners' interest in technology will be aided by the said program into an interactive and fun learning experience. Thus, the RCI CALL programs can be used by teachers as technology partners in running their classrooms and solve problems like capturing students' attention and maintaining their interests. The nature of RCI CALL ensures that learning is a two-way street- dynamic and rigid.

RCICALL04 (Advanced Listening) is a useful and interesting tool because it develops the listening strategies, vocabulary and critical thinking skills of students. It also enhances their high-level listening and note taking skills. It emphasizes on English sounds, stress, and intonation pattern.