

UNIVERSITY OF SANTO TOMAS  
COLLEGE OF SCIENCE  
*BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*

Effective Academic Year 2012-2013

**First Year – First Term / Semester**

Abbreviation	Title	Lec. Units	Lab. Units	Pre-Requisites
ENG 1	Introduction to College English	3	0	None
FIL 1	<i>Komunikasyon sa Akademikong Filipino</i>	3	0	None
MATH 101	College Algebra	3	0	None
PSY 1	General Psychology	3	0	None
PSY 201	Neuro-Anatomy	3	0	None
SA	Socio-Anthropology	3	0	None
THY 1	Contextualized Salvation History	3	0	None
ZOO 101	General Zoology	3	0	None
ZOO 101L	General Zoology (Laboratory)	0	2	None
PE	Physical Education 1	(2)	0	None
ROTC	Military Science I (Reserve Officers' Training Corps)	(3)	0	None
<b>TOTAL</b>		24	2	

**ENG 1 INTRODUCTION TO COLLEGE ENGLISH**

**Description** The course enhances the students' mastery of the basic communication skills in listening, speaking, reading, and writing.

Interactive activities have been designed to develop critical thinking and collaboration among students.



# UNIVERSITY OF SANTO TOMAS

## COLLEGE OF SCIENCE

### *BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*

#### **FIL 1 KOMUNIKASYON SA AKADEMIKONG FILIPINO (Communication for Academic Filipino)**

**Description** *Ang Filipino I ay isang metalinggwistik na pag-aaral ng wikang Filipino. Nakatuon ito sa estruktura, gamit, katangian at kahalagahan ng wikang Filipino sa akademikong larangan.*

*Sa lapit multidisiplinaryo at paraang interaktibo, inaasahang matutukoy at matatalakay ang mga pangunahing kaalaman sa wikang ito.*

*Malilinigang dito ang mga kasanayan sa paggamit ng wikang Filipino tungo sa lalong mataas na komunikasyon sa kritikal na pagdidiskurso.*

Filipino 1 is a metalinguistic study of Filipino language which focuses on the structure, usage, nature and its value in the academic field.

Using the interactive and multidisciplinary approach, it is expected to identify and discuss the fundamental concepts of Filipino and to develop the higher language / communication skills in a critical discourse.

#### **MATH 101 COLLEGE ALGEBRA**

**Description** This is a 3-unit Mathematics course for freshmen, dealing with the fundamental principles and applications of algebra. It begins with sets, the number system and algebraic expressions. Focus is given on operations on polynomials, one-variable linear equations and inequalities, quadratic equations, two-variable linear equations, systems of linear equations, and functions and relations. At the end of the course, students should develop the values of accuracy, analytical thinking and logical reasoning.

#### **PSY 1 GENERAL PSYCHOLOGY**

**Description** A three-unit course that deals with the fundamental concepts and principles in the study of human behavior and mental processes. It tackles psychological concepts, theories, and/or principles, such as the neurological basis of behavior, human development, sensation, perception, motivation, learning, and others. At the end of the course, students who major in psychology are expected to be able to have an overview of the biopsychosocial model in the scientific study of human behavior.



# UNIVERSITY OF SANTO TOMAS

## COLLEGE OF SCIENCE

### *BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*

#### **PSY 201 NEURO-ANATOMY**

**Description** A three-unit course which deals with the microscopic and macroscopic basis of the human nervous system that forms part of the neurological perspective of behavior. It presents the anatomy of the human nervous system in its external and internal considerations paving the way for an understanding of the neural pathways of the different sensorimotor activities of a person. At the end of the course, students are expected to be able to link the anatomy of the central nervous system and its role in the biological perspective in understanding the complexities of human behavior.

#### **SA SOCIO-ANTHROPOLOGY**

**Description** The course introduces the discipline of Sociology and Anthropology as social sciences, as professions and as ways of life.

It explores selected fundamental concepts in the study of Philippine society and culture and its relation to the global world using basic theories, research methodologies, and substantive issues defining the scientific practices of Sociology and Anthropology.

The course exposes students to the unique use of the sociological imagination and anthropological perspective in understanding the world they live in so that they may find it useful, relevant, practical, and meaningful to their lives, no matter what life choices and trajectories they would take or endure in the future.

#### **THY 1 CONTEXTUALIZED SALVATION HISTORY**

**Description** This Course is a critical and reflective look into the different moments of God's intervention in the history of humanity, gradually disclosing Himself and His plan of salvation through persons and events, until this revelation reached its fullness in the incarnation of His Son, our Lord Jesus Christ.

The whole history of salvation has for its central figure the person of Jesus Christ. Hence, salvation history, in its very nature, is Christocentric. It is in Jesus that the entire history of humanity finds meaning. It is also to him that history tends. Because of this, all events and persons in the history of salvation are seen in the light of the person of Jesus, apart from whom they have no value. The course shall make use of the Sacred Scriptures as its primary source since it is the Bible that contains the record of God's interventions with humanity and the testimonies of the members of early Church about their encounters with Jesus.

The course, therefore, inevitably involves the actual reading of Sacred Scriptures in class in order to discover how God's Word, enveloped in human words, continues to communicate to humanity today; and at the same time to facilitate a dialogue between the text of the Bible and the day-to-day life of the Thomasian students.



# UNIVERSITY OF SANTO TOMAS

## COLLEGE OF SCIENCE

### *BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*

#### **ZOO 301 GENERAL ZOOLOGY**

**Description** This is a 3-unit introductory course designed for B. Sc. Psychology students which covers zoological concepts and principles related to animal form and function. Topics on cellular chemistry, structure and function, embryology, genetics, the different systems and survey of the animal phyla emphasizing on evolutionary relationship will be covered. At the end of the course, the learners are expected to be proficient in recalling basic biological concepts when these are taken up in specialized details when tackling various specialized subjects related to human anatomy and physiology.

#### **ZOO 301L GENERAL ZOOLOGY (LABORATORY)**

**Description** This is a 2-unit course designed for B. Sc. Psychology students to support the concepts learned during the lecture course, through tackling skills-specific topics in microcopy, cell transport, animal development, and eventually basic histology by utilizing the frog as an anatomical and histological model. At the end of the course, the learners are expected to be proficient in in utilizing the microscope and the frog model as tools for studying various specialized subjects related to human anatomy and physiology.



UNIVERSITY OF SANTO TOMAS  
COLLEGE OF SCIENCE  
*BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*

Effective: Academic Year 2012-2013

**First Year – Second Term / Semester**

Abbreviation	Title	Lec. Units	Lab. Units	Pre-Requisites
ENG 2	Reading and Thinking Skills for Academic Study	3	0	ENG 1
FIL 2	<i>Pagbasa at Pagsulat tungo sa Pananaliksik</i>	3	0	FIL 1
MATH 102	Trigonometry	3	0	MATH 101
PHIST	Philippine History	3	0	None
PHL 2	Logic	3	0	None
PSY 202	Human Development	3	0	PSY 1
PSY 203	Theories of Learning	3	0	PSY 1
PSY 204	Biopsychology	3	0	PSY 201
THY 2	Church and Sacraments	3	0	THY 1
PE	Physical Education 2	(2)	0	
ROTC	Military Science II (Reserve Officers' Training Corps)	(3)	0	
<b>TOTAL</b>		27	0	

**ENG 2 READING AND THINKING SKILLS FOR ACADEMIC STUDY**

**Description** The course aims primarily to develop students' reading and thinking skills for academic study.

It equips students with an understanding of the reading skills and thinking processes; and effective higher order reading strategies for understanding academic texts.

It also aims to prepare them for academic writing.



# UNIVERSITY OF SANTO TOMAS

## COLLEGE OF SCIENCE

### *BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*

#### **FIL 2 PAGBASA AT PAGSULAT TUNGO SA PANANALIKSIK (Reading and Writing Towards Research)**

**Description** *Ang Filipino 2 ay 3-yunit na kurso at ikalawa sa serye ng mga kurso sa ilalim ng kurikulum sa Filipino sa antas kolehiyo.*

*Nakasentro ang kursong ito sa paglilinang sa kasanayan at kahusayan ng mga mag-aaral sa matalino at makatuwirang pagbabasa at pagsusulat ng mga akademikong babasahin/sulatin upang makabuo ng mga makabuluhang pananaliksik sa kanilang larangang kinabibilangan gamit ang wikang Filipino.*

Filipino 2 aims to develop the proficiency of students in critical reading and academic writing that will guide them to do meaningful researches related to their discipline using the Filipino language.

#### **MATH 102 TRIGONOMETRY**

**Description** This is a 3-unit course aimed to develop and enhance the student's mathematical concepts and improve their logical and critical thinking. It focuses on two-dimensional coordinate system, circular/trigonometric functions, angles, right and oblique triangles, fundamental identities, trigonometric equations, inverse trigonometric functions, logarithmic and exponential functions. At the end of the course, students are expected to appreciate and demonstrate mastery in understanding the basic concepts and principles in trigonometry and apply these concepts and principles to solve problems in some fields where trigonometry is involved.

#### **PHIST PHILIPPINE HISTORY**

**Description** This course exposes the students with the fundamental concepts and principles in the study of human behaviour, sensory modalities, perception, consciousness, and motivation, emotion, stress and health and personality theories

This course provides the students with a broad, eclectic understanding on the importance of understanding human behaviour by addressing the wide range of issues and problems encountered in everyday life.

Each student is expected to apply basic psychological concepts and principles in understanding and enhancing human behaviour.



# UNIVERSITY OF SANTO TOMAS

## COLLEGE OF SCIENCE

### *BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*

#### **PHL 2 LOGIC**

**Description** The course introduces the discipline of Sociology and Anthropology as social sciences, as professions and as ways of life.

It explores selected fundamental concepts in the study of Philippine society and culture and its relation to the global world using basic theories, research methodologies, and substantive issues defining the scientific practices of Sociology and Anthropology.

The course exposes students to the unique use of the sociological imagination and anthropological perspective in understanding the world they live in so that they may find it useful, relevant, practical, and meaningful to their lives, no matter what life choices and trajectories they would take or endure in the future.

#### **PSY 202 HUMAN DEVELOPMENT**

**Description** A 3-unit course that involves the discussion of biological, cognitive, social, moral, emotional and personality changes that occur in the life of human beings from conception to death. Specifically, this course provides students with an in-depth and empirical analysis of the factors underlying developmental transitions, individual differences, and the impact of the various developmental outcomes across the lifespan in the society. At the end of the course, students are expected to be able to apply their knowledge about the different stages of development within the life span in their study of human behavior.

#### **PSY 203 THEORIES OF LEARNING**

**Description** A 3-unit course that provides a current and comprehensive overview of research and theory related to human learning. It dwells on the learning process as well as the comprehensive and objective presentation of the various theories of learning as applied to human and animal behavior. This course discusses a broad, eclectic coverage of the field of learning and memory, by addressing the wide range of issues and problems within the field, from stimulus-response to cognitive psychology. At the end of the course, students are expected to be able to apply the major concepts of the different learning paradigms on the learning factors that either facilitate or impede the learning process.

#### **PSY 204 BIOPSYCHOLOGY**

**Description** A three-unit course that discusses the functions of tissues, organs and systems of humans and their effects on their psychological well-being. It will give an introduction to the field of neurosciences with an attempt to show the relationship of behavioral neuroscience to the allied disciplines involved in the scientific study of the nervous system. At the end of the course, students are expected to be able to: (1) understand how human emotions, thoughts and behavior are affected by the brain, the nervous system and neurotransmitters in human and (2) apply the biological perspective in explaining the complexities of human behavior.



# UNIVERSITY OF SANTO TOMAS

COLLEGE OF SCIENCE

*BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*

## **THY 2 CHURCH AND SACRAMENTS**

**Description** The course deals with the Church and Sacraments. The first part is about the nature, origin, characteristics, and mission of the Church, as having originated from the Trinitarian Community of God Whose love was revealed in the incarnate Son, Jesus Christ Who accomplished God's plan of salvation. The second part of the course deals with the liturgical life of the Church celebrated specifically through the Sacraments as visible signs of God's grace in the believing, worshipping and serving community.



UNIVERSITY OF SANTO TOMAS  
COLLEGE OF SCIENCE  
*BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*  
Effective Academic Year 2012-2013

**Second Year – First Term / Semester**

Abbreviation	Title	Lec. Units	Lab. Units	Pre-Requisites
CHEM 100	General Inorganic Chemistry	3	0	
CHEM 100L	General Inorganic Chemistry (Laboratory)	0	2	
ENG 3	Academic Writing Skills	3	0	ENG 1, ENG 2
LIT 102A	Philippine Literatures	3	0	
PHL 5	Christian Ethics	3	0	THY 1, THY 2
PSY 206	Theories of Personality	3	0	PSY 1, PSY 202
PSY 209	Educational Psychology	3	0	PSY 203
PSY 234	Behavior Measurement and Analysis I	3	0	MATH 101
PE	Physical Education 3	(2)	0	
NSTP	Literacy Training Service I <i>or</i> Civic Welfare Training Service I	(3)	0	
<b>TOTAL</b>		21	2	

**CHEM 100 GENERAL INORGANIC CHEMISTRY**

**Description** A 3-unit one-semester course on General Inorganic Chemistry designed for the College of Science and Rehabilitation Science students, it emphasizes on the stoichiometric relationships of substances; gases and energy changes in a chemical reaction; basic concepts and principles on atomic structure; periodicity; chemical bonding and molecular geometry; intramolecular and intermolecular forces of attraction; solutions, acid-base concepts and chemical equilibria. At the end of the course, students are expected to know and correctly use the language of chemistry (nomenclature, terminology, and symbolic representations), understand and be able to apply chemical facts, concepts, and models, and be able to use them as a foundation to organize further chemical knowledge in understanding the physical world.



# UNIVERSITY OF SANTO TOMAS

## COLLEGE OF SCIENCE

### *BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*

#### **CHEM 100L GENERAL INORGANIC CHEMISTRY (LABORATORY)**

**Description** This two unit introductory laboratory course allows students to conduct observation and perform fundamental experiments on chemical reactions, stoichiometry, thermochemistry, and the periodic table. As in any laboratory course, the students are likewise expected to carry out experiments safely and carefully in the laboratory and to obtain data accurately. At the end of the course, students are expected to understand the nature and application of chemistry at a basic level sufficient to conduct simple experiments.

#### **ENG 3 ACADEMIC WRITING SKILLS**

**Description** This course centers on honing college students' writing and research skills for academic study.

It equips students with effective techniques in writing expository, persuasive, and argumentative compositions and any other academic texts, e.g., library, term, and research papers.

This course engages also students to craft academic papers with strong, effective, and clear theses, body paragraphs, and conclusions. It likewise helps them edit their writing to be more formal and appropriate. It also provides the students with various strategies for generating ideas about a topic and teaches them organizational patterns, topic development, and methods for making their writing more coherent. Additionally, this course helps the students develop revision strategies that can be used in other courses and trains them to use and cite references properly in their writing to avoid plagiarism.

#### **LIT 102A PHILIPPINE LITERATURES**

**Description** The course is designed to develop among students an awareness, appreciation, and critical view of the depth and breadth of our country's literature in order to foster among them the desire for truth, love for country and nature, and respect for peoples and cultures, which will eventually constitute a competent, compassionate, and committed Thomasian.

The course is focused on representative literatures from the regions, tackling the wide array of Filipino encounters and experiences that are expressed through themes such as gender, racial identity, class and history.

The students are expected to write a critique on a Filipino novel, epic, drama or any other genre. They are also expected to transform or adapt Philippine literary texts into other art forms or media.



# UNIVERSITY OF SANTO TOMAS

## COLLEGE OF SCIENCE

### *BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*

#### **PHL 5 CHRISTIAN ETHICS**

**Description** The course provides an overview of Christian Ethics which is designed to help students begin answering some fundamental questions about Christ-centered life and what makes it worth living.

It is divided into three parts: Human Person's Ethics of Being and Doing, introduces one to the realities of moral life, to an analysis of the moral process (constituents, sources and modifiers of human acts), to the relationship of ethics and morality to religious faith, and to the specific nature of Christian morality; Unit 2, Realizing Human Dignity and Genuine Freedom, deals with the human person as a moral agent, human freedom, conscience, sin and moral obligation in the light of the Word of God in the Sacred Scriptures and in the teachings of the Church enshrined in Her Traditions, Pronouncements and Documents; and, Unit 3, the Christian Response to some Special Contemporary Moral Issues, gives special attention to the Ten Commandments in highlighting the moral principles and virtues vis-à-vis some contemporary moral issues.

The course seeks the formation of a Christian conscience of the students to enable them to make correct judgments in their everyday moral decisions and choices especially about specific moral issues they are encountering and thus lead them towards committed moral living.

#### **PSY 206 THEORIES OF PERSONALITY**

**Description** A three-unit course that provides a basic orientation and introduction on the different theories and concepts of personality. This course shall likewise dwell on the various perspectives on the definition and explanation of personality. Emphasis is on the discussion and comparison of the major theoretical paradigms concerning their views on personality as regards to: its structure, growth and development, psychopathology, behavior change, and research strategies. At the end of the course, students are expected to be able to use the criteria for evaluating personality theories in critically analyzing the strengths and limitations of each theory as well as utilize the various theoretical paradigms in the study of personality and human behavior in general.



# UNIVERSITY OF SANTO TOMAS

## COLLEGE OF SCIENCE

### *BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*

#### **PSY 209 EDUCATIONAL PSYCHOLOGY**

**Description** A three-unit course that deals with the concepts of the teaching and learning processes of a student-teacher relationship within a learning environment. The necessity of the interaction among the teacher, student and learning environment for the maximum output of the concepts and theories used in this particular field of psychology shall be emphasized. At the end of the course, students are expected to be able to establish the: (1) role of the teacher as primarily the source of learning and formation of character in the classroom; (2) role of students as the beneficiary of the knowledge bestowed upon them by the teacher; and (3) role of the learning environment as the representation of the dynamism of the teacher-student interaction that takes place in the classroom.

#### **PSY 234 BEHAVIOR MEASUREMENT AND ANALYSIS I**

**Description** A three-unit basic course in behavioral evaluation which deals with the statistical measurement of psychological data, analysis and interpretation. It will mainly cover descriptive and correlational statistics. At the end of the course, students are expected to be able to apply elementary statistics in the study of human behavior.



UNIVERSITY OF SANTO TOMAS  
COLLEGE OF SCIENCE  
*BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*  
Effective Academic Year 2012-2013

**Second Year – Second Term / Semester**

Abbreviation	Title	Lec. Units	Lab. Units	Pre-Requisites
CHEM 200	Organic Chemistry	3	0	CHEM 100, CHEM 100L
CHEM 200L	Organic Chemistry (Laboratory)	0	2	CHEM 100, CHEM 100L
ENG 4	Oral Communication in Context	3	0	ENG 1, ENG 2, ENG 3
PSY 208	Psychological Assessment I	3	0	PSY 206, PSY 234
PSY 208L	Psychological Assessment I (Laboratory)	0	2	PSY 206, PSY 234
PSY 221	Social Psychology	3	0	PSY 203, PSY 206
PSY 235	Behavior Measurement and Analysis II	3	0	PSY 234
SCL 3	The Social Teachings of the Church	3	0	THY 1, THY 2, PHL 5
PE	Physical Education 4	(2)	0	
NSTP	Literacy Training Service II <i>or</i> Civic Welfare Training Service II	(3)	0	
<b>TOTAL</b>		14	6	

**CHEM 200 ORGANIC CHEMISTRY**

**Description** This course is designed for biological sciences majors and deals with important concepts of organic chemistry as applied to the biomedical and health sciences. It is centered on acquiring a conceptual understanding of the structure, bonding and chemistry of organic molecules. It will be assumed that students recall principles of general chemistry. It focuses on the relation of organic structure to chemical and physical properties. This includes the study of the different functional groups. The content is classified as structure and reactivity. This will cover how atoms are joined together in organic compounds and how their *structure* affects their *properties* and *reactivity*.



# UNIVERSITY OF SANTO TOMAS

## COLLEGE OF SCIENCE

### *BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*

#### **CHEM 200L ORGANIC CHEMISTRY (LABORATORY)**

**Description** CHEM 200L is a one-semester course in organic chemistry designed to develop in students the skills in using laboratory techniques basic in organic chemistry, concerned with the formation of proper practices and habits, including laboratory and chemical safety, waste minimization and proper disposal, and the preparation of proper laboratory reports. Furthermore, students are able to independently perform analysis, isolation, purification and synthesis of selected organic compounds. The experiments chosen for the laboratory component of this course hope to keep students motivated as they try to discover connection between organic chemistry with everyday living

#### **ENG 4 ORAL COMMUNICATION IN CONTEXT**

**Description** The course aims to develop students' speaking skills for effective communication in diverse contexts.

It likewise endeavors to enhance their listening skills in carrying out meaningful transactions needed in real communication situations making them communicatively competent.

#### **PSY 208 PSYCHOLOGICAL ASSESSMENT I**

**Description** A three-unit course that provides a basic orientation and introduction on the principles and applications of psychological testing. It involves a discussion on the theory, practice and issues of psychological testing, particularly its history, psychometric properties and basic samples of different psychological tests. At the end of the course, students are expected to be able to: (1) evaluate the characteristics of good standardized psychometric tests in terms of its construction, reliability and validity and (2) discuss competently the nature, theory and characteristic features of different kinds/classifications of psychometric tests.

#### **PSY 208L PSYCHOLOGICAL ASSESSMENT I (LABORATORY)**

**Description** A two-unit course that provides a basic orientation and introduction on the major structured psychological instruments: their rationale and uses. It involves a discussion on the theory and practice of psychological testing and supervision in administration, scoring and interpretation of different psychometric tests; both group and individual. The writing and preparation of psychological reports will likewise be taken into consideration in the laboratory activities. At the end of the course, students are expected to be able to: (1) demonstrate skills in choosing, administering, scoring and interpreting different psychometric tests and (2) develop in them the value of respect for individual examinees as persons and strictly adhere to the Code of Ethics for Psychologists with regards to psychological testing.



# UNIVERSITY OF SANTO TOMAS

## COLLEGE OF SCIENCE

### *BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*

#### **PSY 221 SOCIAL PSYCHOLOGY**

**Description** A three-unit course that provides basic knowledge about the individual's behavior as affected by how one thinks, influenced by one's environment and how he relates to others within the social context. Discussion on the nature and concerns of this field in psychology shall dwell on explaining and understanding behavior through the context of social thinking, social influence and social relations. At the end of the course, students are expected to be able to apply one's knowledge in the different fields where such principles of social psychology may be applied.

#### **PSY 235 BEHAVIOR MEASUREMENT AND ANALYSIS II**

**Description** A three-unit course in behavior measurement which focuses on the use of inferential statistical procedures in the analysis and interpretation of psychological data. It also aims to differentiate the nature of parametric and nonparametric tests, and their application in various statistical problems in the field of Psychology. At the end of the course, students are expected to be able to apply inferential statistics in the study of human behavior.

#### **SCL 3 THE SOCIAL TEACHINGS OF THE CHURCH**

**Description** The course is an in-depth thematic study of Catholic social thought as found in the Gospel, in the tradition of primitive Christianity, the Fathers of the Church, the official documents of the social teachings of the Church and the lived experience of peoples.

As Mother and Teacher, the Church keeps alive in the personal and collective memory of the people the saving mission of Christ, who became all things to all human beings except sin, and its implication to the final destiny of the human person. She proposes individual and societal life witnessing in the very real experiences of the human person and the communities of peoples in the socio-cultural, economic, political, technological and ecological environments.

As a true disciple of the Risen Christ and moved by the Spirit, the human person is empowered and challenged to bring about social transformation and development by practical competent acts of compassion and commitment to truth in love.



UNIVERSITY OF SANTO TOMAS  
COLLEGE OF SCIENCE  
*BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*  
Effective Academic Year 2012-2013

**Third Year – First Term / Semester**

Abbreviation	Title	Lec. Units	Lab. Units	Pre-Requisites
CHEM 600	Biochemistry	3	0	CHEM 100, CHEM 100L, CHEM 200, CHEM 200L
CHEM 600L	Biochemistry (Laboratory)	0	2	CHEM 100, CHEM 100L, CHEM 200, CHEM 200L
PSY 210	Experimental Psychology	3	0	PSY 203, PSY 235
PSY 210L	Experimental Psychology (Laboratory)	0	2	PSY 203, PSY 235
PSY 211	Abnormal Psychology	3	0	PSY 202, PSY 204, PSY 206
PSY 213	Industrial Psychology	3	0	PSY 208, PSY 208L
PSY 214	Psychological Assessment II	3	0	PSY 208, PSY 208L
PSY 218	Group Dynamics	3	0	PSY 203, PSY 206
SCL 9	Marriage and Family	3	0	THY 1, THY 2, PHL 5, SCL 3
<b>TOTAL</b>		21	2	

**CHEM 600 BIOCHEMISTRY**

**Description**

A 3-unit one-semester course in Basic Biochemistry designed for College of Science students. Biochemistry is chemistry applied to biological systems. It involves the study of structure and function of molecules that make up living cells and organisms. Understanding the structural properties of a molecule enables the students to understand its interaction with other molecules and its function in a cell. In CHEM 600, the molecular aspects of the four major types of biological molecules: proteins (including enzymes), carbohydrates, lipids and nucleic acids will be discussed. Further topics include the assembly of these molecules into cellular structures such as membranes and organelles. At the end of the course, students are expected to comprehend the physiological implications of the structures and functions of different biomolecules in biological systems.



# UNIVERSITY OF SANTO TOMAS

## COLLEGE OF SCIENCE

### *BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*

#### **CHEM 600L BIOCHEMISTRY (LABORATORY)**

**Description** A 2-unit one semester laboratory course that emphasizes on the isolation and characterization of the biomolecules designed for BS Biology and Microbiology majors. The course consists of experiments that teach students the techniques and methods used in the extraction, isolation, purification, characterization and quantitative determination of the primary metabolites found in biological samples namely proteins (including enzymes), nucleic acids, lipids and carbohydrates. Moreover, chemical analysis of metabolic products in urine samples is also included. At the end of the course, students are expected to appreciate the diversity of structures and functions of biomolecules demonstrated through in vitro experiments.

#### **PSY 210 EXPERIMENTAL PSYCHOLOGY**

**Description** A three-unit course that provides an introduction to the philosophy of science through the scientific approach and statistical methods, as applied to the different areas of psychology. This course shall dwell mainly on the nature and requirements of the different experimental designs as well as differentiate between experimental and non-experimental designs used in research. Ethical principles and issues of research shall also be considered and emphasized. At the end of the course, students are expected to be able to: (1) understand the nature, principles and ethics in involved in experimental research; (2) describe the different experimental designs and distinguish the difference among them; and (3) identify the difference between experimental and non-experimental designs in research.

#### **PSY 210L EXPERIMENTAL PSYCHOLOGY (LABORATORY)**

**Description** A two-unit course that provides an introduction to the philosophy of science through the scientific approach and statistical methods, as applied to the different areas of psychology. It will focus on the actual conduct of both true and quasi experimental designs in a laboratory setting as well as in writing experimental reports in a publishable format in accordance with the APA style. At the end of the course, students are expected to be able to: (1) replicate, modify, and/or design their own psychological experiments based on existing experimental psychology journals and (2) conduct/execute this psychological experiments following the principles and standards of laboratory experimentation.



# UNIVERSITY OF SANTO TOMAS

## COLLEGE OF SCIENCE

### *BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*

#### **PSY 211 ABNORMAL PSYCHOLOGY**

**Description** A three-unit course that discusses the nature of different psychopathological behaviours with emphasis on the characteristic signs and symptoms as well as its causative factors, namely: the biological, psychological and socio-cultural determinants. The course deals with the discussion of different mental disorders as outlined in the classification systems of the Diagnostic Statistical Manual for Mental Disorders (DSM) and the International Classification of Diseases (ICD). At the end of the course, students are expected to be able to apply their learning on the different mental disorders in terms of its diagnostic criteria, essential and associated features, age of onset, course of illness and other relevant variables important in the understanding of the nature of the condition.

#### **PSY 213 INDUSTRIAL PSYCHOLOGY**

**Description** A three-unit course that deals mainly on the major areas relevant to the behavior of people at work. It focuses both on understanding the psychological bases of work behavior and on the organizational practices used to create a good fit between people's characteristics and work's demands. The topics include human resources selection, placement, training, work motivation, job satisfaction, leadership, teamwork, and work-family balance. At the end of the course, students are expected to be able to conduct field studies and application projects in specialized areas of Consumer Psychology.

#### **PSY 214 PSYCHOLOGICAL ASSESSMENT II**

**Description** A three-unit course that further discusses the diverse utility of psychometric instruments. It will provide an introduction to clinical and neuropsychological assessment, as well as other psychological tests used in the educational and industrial fields. Current trends in psychological assessment in the different settings, including the use of computers as an assessment tool shall be explored in the classroom activities. At the end of the course, students are expected to be able to utilize psychometric scales and interview techniques in formulating psycho-diagnostic impressions.

#### **PSY 218 GROUP DYNAMICS**

**Description** A three-unit course that deals with the study of the influential actions, processes, and changes that occur within and between groups over time. It focuses on group behavior while integrating theory and research, basic science and application, classic and contemporary work, and psychological and sociological analyses of groups. At the end of the course, students are expected to become effective group members and facilitators through the design, implementation, and evaluation of group dynamics activities.



# UNIVERSITY OF SANTO TOMAS

COLLEGE OF SCIENCE

*BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*

## **SCL 9 MARRIAGE AND FAMILY**

**Description** The course Marriage and Family is an inter-disciplinary approach to preparation for and understanding of love, marriage and family life includes the Biblical, theological, sacramental, canonical, legal, psychological and sociological dimensions.

It is rooted in the Catholic spirituality that promotes the culture and transmission of life, faithful to the teachings of the Church, it includes education in human sexuality and responsible parenthood based on the magisterial documents.



UNIVERSITY OF SANTO TOMAS  
COLLEGE OF SCIENCE  
*BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*

Effective Academic Year 2012-2013

**Third Year – Second Term / Semester**

Abbreviation	Title	Lec. Units	Lab. Units	Pre-Requisites
PSY 215	Clinical Psychology	3	0	PSY 202, PSY 211, PSY 214
PSY 219	Human Resource Management	3	0	PSY 213
PSY 219L	Human Resource Management (Laboratory)	0	2	PSY 213
PSY 220	Test Construction and Measurement	2	0	PSY 208, PSY 208L, PSY 235
PSY 220L	Test Construction and Measurement (Laboratory)	0	1	PSY 208, PSY 208, PSY 235
PSY 236	Psychology of Exceptional Children	3	0	PSY 202, PSY 211
PSY 237	Counseling and Psychotherapy	2	0	PSY 211
PSY 237L	Counseling and Psychotherapy (Laboratory)	0	1	PSY 211
RES 1	Research I	3	0	PSY 206, PSY 210, PSY 210L, PSY 211, PSY 213, PSY 219, PSY 235
<b>TOTAL</b>		16	4	

**PSY 215 CLINICAL PSYCHOLOGY**

**Description** A three-unit course that deals with a discussion of the three main areas of clinical psychology namely: diagnosis, therapy, and research with emphasis on the diagnostic tasks of the clinician. The course likewise exposes the students through actual application to the methods of gathering diagnostic data and construction of diagnostic formulations. At the end of the course, students are expected to be able to formulate diagnostic impressions of a client or patient taking into consideration the avoidance of errors in clinical interpretation as well as construct a good and meaningful psychological report and case study of a client and/or patient.

**PSY 219 HUMAN RESOURCE MANAGEMENT**

**Description** A three-unit course designed to provide students with a general view of Human Resource Management (HRM). The students will be exposed to the current environment in human resources, the acquisition and placement of human resources, the performance management and appraisal of employees, and the strategies involved in compensation and benefits. Likewise, students will be introduced to other key concepts of HRM such as collective bargaining agreement (CBA), labor and industrial-labor relations. At the end of the course, students are expected to develop a job description as a result of job analysis.



# UNIVERSITY OF SANTO TOMAS

## COLLEGE OF SCIENCE

### *BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*

#### **PSY 219L HUMAN RESOURCE MANAGEMENT (LABORATORY)**

##### **Description**

A two-unit course that is divided into two parts: Part I deals with the nature and process of organization development. In this course, students will be introduced to the theoretical models of change upon which the organization development is based. Likewise, students will be exposed to the different stages involved in OD such as entry and contracting, data gathering, diagnosis and feedback, and providing change efforts through individual, teams and organizational interventions. Part II tackles the training and development of employees. A knowledge and skill- based course that deals with the nature and functions of training and development within an organization. Moreover, the course will facilitate the students in performing an active role in the maximum utilization of an organization's most valuable resource –its employees. At the end of the course, students are expected to: (1) design and develop training programs based on the results of needs assessment and (2) evaluate the effectiveness of a training program.

#### **PSY 220 TEST CONSTRUCTION AND MEASUREMENT**

##### **Description**

A two-unit course that covers the study of the principles and applications of test development, and validation. It is a course designed to develop skills needed in the construction of various psychological scales and measurements. Furthermore, it aims to teach the students the step-by-step procedure in constructing Filipino-made psychological tests/scales. At the end of the course, students are expected to be able to apply their knowledge and skills in psychological testing and develop their own psychometrically sound locally-made psychological tests/scales.

#### **PSY 220L TEST CONSTRUCTION AND MEASUREMENT (LABORATORY)**

##### **Description**

A one-unit course that covers the study of the principles and applications of test development, and validation. It is a course designed to develop skills needed in the construction of various psychological scales and measurements that will focus on the actual hands-on step-by-step procedure in developing a Filipino-made psychological tests/scales. At the end of the course, students are expected to be able to apply their knowledge and skills in psychological testing and develop their own psychometrically sound locally-made psychological tests/scales.



UNIVERSITY OF SANTO TOMAS  
COLLEGE OF SCIENCE  
*BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*

**PSY 236 PSYCHOLOGY OF EXCEPTIONAL CHILDREN**

**Description** A three-unit course designed to understand children who are set apart from others due to either an advantage or a disadvantage in terms of their physical, mental, and emotional conditions. Discussions of etiological factors, characteristics of each of the conditions, assessment procedures and intervention approaches are included in the student's exploration of human exceptionality. Orientation on the rights and privileges of Filipinos with special needs shall also be discussed as embodied in the Persons with Disabilities Act of the Philippines (RA 9442). At the end of the course, students are expected to be able to apply their learning on the different human exceptionalities in terms of its diagnostic criteria, essential and associated features, age of onset, course of illness and other relevant variables important in the understanding of the nature of the condition.

**PSY 237 COUNSELING AND PSYCHOTHERAPY**

**Description** A two-unit course that exposes students to selected approaches to counselling and psychotherapy. Each of the approaches is discussed in the light of its theoretical background, historical development, view of human nature, goals, functions and methods and techniques. Effective counsellor traits and ethical considerations in the profession shall also be emphasized. At the end of the course, students are expected to be able to grasp the basic concepts, methods and techniques involved in counselling and psychotherapy.

**PSY 237L COUNSELING AND PSYCHOTHERAPY (LABORATORY)**

**Description** A one-unit course that exposes students to selected approaches to counselling and psychotherapy. Each of the approaches shall be simulated in a laboratory setting to demonstrate the methods and techniques. Effective counsellor traits and ethical considerations in the profession shall also be emphasized in the practice and simulation exercises. At the end of the course, students are expected to be able to grasp the basic skills and ethics involved in counselling and psychotherapy.

**RES 1 RESEARCH I**



# UNIVERSITY OF SANTO TOMAS

## COLLEGE OF SCIENCE

### *BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*

**Description** A three-unit theory and practice based course that trains students in the rigorous process of conducting psychological research. The course involves the study of basic research designs, sampling techniques, ethics and data analysis. At the end of the course, students are expected to write a theoretically grounded and doable research proposal.

Effective Academic Year 2012-2013

#### **Third Year – Third Term / Semester**

<b>Abbreviation</b>	<b>Title</b>	<b>Lec. Units</b>	<b>Lab. Units</b>	<b>Pre-Requisites</b>
PSY 231	Practicum A (Industrial and Clinical Settings)	0	3	PSY 202, PSY 208, PSY 208L, PSY 213, PSY 214, PSY 215, PSY 218, PSY 219, PSY 236, PSY 237
<b>TOTAL</b>		0	3	

#### **PSY 231 PRACTICUM A (INDUSTRIAL AND CLINICAL SETTINGS)**

**Description** A three-unit course that involves the exposure to actual work within the industrial and clinical psychology settings. The student spends 100 hours each in the industrial and clinical work settings under the supervision of the cooperating school, institutions and through the coordination of a practicum supervisor. At the end of the course, students are expected to be able to: (1) apply in the industrial and clinical work settings their learning on the various psychological principles discussed in school and (2) develop in themselves good work values and attitudes.



UNIVERSITY OF SANTO TOMAS  
COLLEGE OF SCIENCE  
*BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*

Effective Academic Year 2012-2013

**Fourth Year – First Term / Semester**

Abbreviation	Title	Lec. Units	Lab. Units	Pre-Requisites
APP	Art Appreciation	3	0	None
PSY 223	Current Issues in Psychology	3	0	PSY 1, PSY 209, PSY 210, PSY 213, PSY 215
PSY 232	Practicum B (Educational Settings)	3	0	PSY 202, PSY 209, PSY 214, PSY 237
PSY 240	Cognitive Psychology	3	0	PSY 203, PSY 206
RES 2	Research II	0	2	RES I
SPN 1	Elementary Spanish	3	0	
<b>TOTAL</b>		15	6	

**APP ART APPRECIATION**

**Description** This course introduces the students to the origins, functions and genres of art constituted in the intersecting nexi of history and geography. Thus, careful attention is given to the nature, and value of art as both social artifact and cultural signifier that synoptically inform the mode of production and the mode of reception. We interrogate further, the complex webwork of economic and political regimes agencies and institutions that dynamically affect the creative and critical processes of organization, distribution and consumption of art objects.

**PSY 223 CURRENT ISSUES IN PSYCHOLOGY**



# UNIVERSITY OF SANTO TOMAS

## COLLEGE OF SCIENCE

### *BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*

**Description** A three-unit course which deals with the development of a successful career in Psychology. The aim of the course is to expose students to the significant and prevalent topics of interest in the various fields of psychology. This includes discussions of the latest psychological researches (i.e., clinical, industrial/organizational, and educational settings) published in local and international journals as well as career choice and management in Psychology. At the end of the course, students are expected to: (1) be able to discuss issues and trends in psychology research and (2) critique popular or novel psychology studies and publications.

#### **PSY 232 PRACTICUM B (EDUCATIONAL SETTINGS)**

**Description** A three-unit course that involves the exposure to actual work within the educational psychology setting. The student spends 100 hours in the work setting under the supervision of the cooperating school, institutions and through the coordination of a practicum supervisor. At the end of the course, students are expected to be able to: (1) apply in the educational work setting their learning on the various psychological principles discussed in school and (2) develop in themselves good work values and attitudes.

#### **PSY 240 COGNITIVE PSYCHOLOGY**

**Description** A three-unit course that involves the discussion of processes underlying mental events such as memory, perception, attention, problem solving, thinking, creativity, and language usage. It will specifically deal with how man perceive, learn, remember and think about information. At the end of the course, students are expected to be able to integrate the concepts of the course into the various disciplines in the study of human behavior.

#### **RES 2 RESEARCH II**

**Description** A three-unit culminating course in research that train students in interpreting, writing and presenting research results. At the end of the course, students are expected to orally defend their proposed research project.

#### **SPN 1 Elementary Spanish**



# UNIVERSITY OF SANTO TOMAS

## COLLEGE OF SCIENCE

### *BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*

**Description** This basic course integrates listening, speaking, reading and writing functions.

It includes an intensive vocabulary enrichment to enable the students to carry on a conversation and dialogue in the Spanish language.

Students are introduced to the use of regular and irregular verbs in the present tense.

Effective Academic Year 2012-2013

#### **Fourth Year – Second Term / Semester**

<b>Abbreviation</b>	<b>Title</b>	<b>Lec. Units</b>	<b>Lab. Units</b>	<b>Pre-Requisites</b>
PGCART	Philippine Government and Constitution with Taxation and Agrarian Reform	3	0	
PSY 241	Correlation Course in Psychology	0	2	PSY 202, PSY 206, PSY 208, PSY 208L, PSY 211, PSY 213, PSY 214, PSY 214L, PSY 218
RC	Rizal Course	3	0	
RES 3	Research III	0	2	RES 1, RES 2
SPN 2	Intermediate Spanish	3	0	SPN 1
<b>TOTAL</b>		<b>9</b>	<b>4</b>	

#### **PGCART PHILIPPINE GOVERNMENT AND CONSTITUTION WITH TAXATION AND AGRARIAN REFORM**

##### **Description**



# UNIVERSITY OF SANTO TOMAS

## COLLEGE OF SCIENCE

### *BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*

#### **PSY 241 CORRELATION COURSE IN PSYCHOLOGY**

**Description** A two-unit course that is designed to review the specific domains included in the PRC Psychometrician Board Examination. It will particularly focus on strengthening the students' crystallized knowledge on Theories of Personality, Abnormal Psychology, Industrial/Organizational Psychology, and Psychological Assessment. At the end of the course, students are expected to be able to pass the PRC Board Examination for Psychometrician.

#### **RC RIZAL COURSE**

**Description** This course discusses the life, ideas and ideals of Jose Rizal. It aims to provide an in-depth discussion on how Rizal contributed to the development of Filipino nationhood.

The focus of this course is to depict Rizal, along with the other national heroes in the context of Philippine national history and that Rizal as the foremost Filipino hero helped inspire a national movement that reawakened Filipino nationalism

It is expected that the students develop a critical and analytical understanding of Rizal and his achievements along with other heroes.

This understanding will be in the context of Philippine national history.

#### **RES 3 RESEARCH III**

**Description** A three-unit culminating course in research that train students in interpreting, writing and presenting research results. At the end of the course, students are expected to orally defend their undergraduate thesis.

#### **SPN 2 INTERMEDIATE SPANISH**



# UNIVERSITY OF SANTO TOMAS

COLLEGE OF SCIENCE

## *BACHELOR OF SCIENCE IN PSYCHOLOGY – COURSE PROSPECTUS WITH DESCRIPTIONS*

**Description** In this level, the students are expected to have an adequate stock of vocabulary to enable them to perform exercises and carry on everyday conversations.

Consequently, students will be able to develop competence and confidence in the use of all kinds of verbs especially radical changing verbs.

Focus will be on the study of tenses like the present tense, immediate future, recent past and the present perfect.

