

# GENERAL EDUCATION REQUIREMENTS (PROFESSIONAL STUDIES)

## Requirements

### General Educational Courses

Code	Title	Units
<b>Foundations</b>		<b>3</b>
CORE-110	Vanguard Foundations of College Writing I <sup>1</sup>	
<b>English Composition</b>		<b>6</b>
ENGL-115	Foundations for College Writing II	
ENGL-220	Researched Writing	
BUSN-P277	Business Writing <sup>10</sup>	
<b>Humanities/Fine Arts</b> <sup>8</sup>		<b>6-9</b>
COMM-201	Speech Composition and Presentation	
COMM-230	Ethics in Film	
COMM-290	Intro to Interpersonal Communication	
THEO-101	Foundations of Christian Life	
ENGL-340	Children's Literature <sup>7</sup>	
PHIL-201	Introduction to Philosophy	
<b>Literature</b>		<b>3</b>
ENGL-230	Literary Perspectives	
<b>Natural Science/Mathematics</b> <sup>5, 6</sup>		<b>7-10</b>
BIOL-208	Biology of Nutrition	
BIOL-234	Principles of Neuroscience	
CHEM-210	Integrated Chemistry	
BUSN-P205	Computer Applications <sup>10</sup>	
MATH-106	Business Math	
MATH-105	Essential Mathematics	
MATH-109	Mathematics for Statistics	
MATH-293	Special Topic: <sup>4</sup>	
MATH-235	Statistics for Health Professionals	
PSCI-215	Fundamentals of Earth Science	
PSCI-216	Fundamentals of Physical Science	
<b>Religion</b> <sup>2, 3</sup>		<b>3-12</b>
NT-101	New Testament Survey	
OT-201	Old Testament Survey	
THEO-101	Foundations of Christian Life	
THEO-103	Introduction to Theology	
<b>Social Science</b> <sup>9</sup>		<b>6-12</b>
HIST-275	Topics in American History	
HIST-356	History and Geography of California	
POLS-155	U.S. Government	
PSYC-103	Introduction to Psychology	
PSYD-220	Human Growth/Development	
PSYD-321	Adolescent Psychology	

PSYD-352	Industrial/Organizational Psyc	
SOC-100	Intro to Sociology	
SOC-220	Marriage & Family Social Conte	
<b>Professional Development (optional)</b> <sup>11</sup>		<b>3</b>
MNGT-P225	Career Transitions: Landing Your Ideal	
<b>Total Units</b>		<b>37-58</b>

<sup>1</sup> CORE-110 Vanguard Foundations of College Writing I is not required for the **Business Administration, Management, and Psychology** programs.

<sup>2</sup> **Religion** majors are required to take NT-101 New Testament Survey, OT-201 Old Testament Survey, THEO-103 Introduction to Theology

<sup>3</sup> Students majoring in **Business Administration, Early Childhood, Management** and **Psychology** are required to take one of the four options to fulfill the Religion General Education requirement.

<sup>4</sup> MATH-293 Special Topic: will be offered as Fundamentals of Math Principles.

<sup>5</sup> Students must enroll in one science lecture/lab (4 units).

<sup>6</sup> Students enrolled in **Business Administration** and **Management** are required to take one science lecture/lab (4 units) and one math course (3 units). The math requirement must be met with a grade of "C" or better.

<sup>7</sup> ENGL-340 Children's Literature may be used to fulfill the Literature General Education requirement for **Early Childhood**.

<sup>8</sup> Students enrolled in the **Psychology** will be required to complete 9 units of Humanities/Fine Arts General Education requirements.

<sup>9</sup> The **Business Administration** and **Management** programs require completion of 6 units to meet the Social Science General Education requirement. Students enrolled in the **Early Childhood** and **Psychology** programs are required to complete 9 units to meet the Social Science General Education requirement.

<sup>10</sup> BUSN-P277 Business Writing or BUSN-P205 Computer Applications fulfills the General Education business core requirement for **Business Administration** and **Management** programs.

<sup>11</sup> MNGT-P225 Career Transitions: Landing Your Ideal fulfills the General Education business core requirement for **Business Administration** and **Management** programs.

#### Capstone Course (variable units) (Prefix will reflect major field)

A capstone course within the major is to encourage active reflection on the undergraduate journey and solidify the integration of faith and learning. Includes the writing of an integrative personal philosophy paper and capstone assessments of academic achievement that, paired with cornerstone assessments, will provide tangible, measurable evidence of growth during the Vanguard years.

Code	Title	Units
Business Administration Capstone		
BUSN-P456	Business Strategy	3
Business Management Capstone		
MNGT-P413	Managerial Leadership	3



## Courses

Below is a list of *recommended* courses offered through the Professional Studies and Non-Traditional Education Program that may be used for elective courses within the program, or as Core Curriculum/General Education courses for cross enrollment between the Traditional Undergraduate and Professional Studies programs. Please contact the Office of Professional Studies for more information.

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## Core Curriculum and General Education Courses

### ART-252 History & Appreciation of Art 3 Credits

A survey of painting, sculpture, and architecture beginning with the Renaissance and concluding with Modern Art. Illustrated lectures, reading, and study of current exhibitions. Field trip fees may apply. (meets Humanities/Fine Arts requirement)

Terms Typically Offered: Spring.

### COMM-201 Speech Composition and Presentation 3 Credits

This course is designed to provide the student with a general working knowledge of the fundamentals of speech communication. General requirements for speech preparation, composition and presentation will be covered. A foundation will be established upon which further speech development may transpire. Lab fee.

### ENGL-230 Literary Perspectives 3 Credits

Introduces the student to a variety of literary genres as well as diverse authors, cultures, and experiences. This course also covers the tools and concepts necessary to the understanding and interpretation of literature. Students engage in classroom discussion, write papers, and take a variety of quizzes and exams. (meets Humanities/Literature/Fine Arts requirement)

### ENGL-220 Researched Writing 3 Credits

Interpretive and analytic writing, including several problem-solving research-based essays investigating topics related to class themes. The course emphasizes writing, revising and editing, reading, analytical skills, and computer technology (word processing, Internet research) and reinforces those skills learned in ENGL-115. Must be passed with a "C" or better to fulfill the core curriculum requirement. (meets English Composition requirement)

Prerequisite: ENGL-120C.

### NT-101 New Testament Survey 3 Credits

Prerequisite to all upper division courses in New Testament. A close study of the New Testament text, examining the foundations of Christianity within its historical contexts, and presenting the principles and tools of interpretation. (required for all Religion majors; meets Religion/Humanities requirement for all majors)

Terms Typically Offered: Fall and Spring.

### OT-201 Old Testament Survey 3 Credits

Prerequisite to all upper division courses in Old Testament. An introductory study of the literature of the Old Testament, with a view toward appreciation of its content and historical development, with emphasis on theological themes such as creation, election, and redemption. (required for all Religion majors; meets Religion/Humanities requirement for other majors).

Terms Typically Offered: Fall and Spring.

### PHIL-201 Introduction to Philosophy 3 Credits

An introductory study which aims to provide a basic understanding of the nature and aims of philosophy, an acquaintance with some representative philosophical problems, an introduction to the methodology of philosophical inquiry, and a mastery of some of the terminology employed in philosophical discussion. This course does not fulfill a core curriculum requirement. Core requirement for the religion major offered every semester.

Terms Typically Offered: Fall and Spring.

### POLS-155 U.S. Government 3 Credits

Designed to acquaint the student with the United States political system, including constitutional developments of the United States and of California, and stimulate reflection on the intersection of Christianity and citizenship. This course will meet the Social Science requirement in the Professional Studies Program.

### PSYC-103 Introduction to Psychology 3 Credits

Prerequisite to all other psychology courses. This course explores the fundamental issues of psychology, including research in psychology, biological influences on development and behavior, learning and memory, motivation, personality, psychological disorders, psychological interventions, and social behavior. (meets Social Science requirement)

### SOC-100 Intro to Sociology 3 Credits

An introduction to the study of society, considering the fundamental concepts of sociology in each of three great areas: social structure, social processes, and social problems. Sociology deals with the way individuals, groups, and institutions are related to one another. This course meets the Social Science requirement in the Professional Studies Program.

### THEO-101 Foundations of Christian Life 3 Credits

An introduction to Christian faith and life, embracing the primary theological tenets and fundamental values that empower a Christian to address contemporary cultural issues, seek integrity in personal behavior, and respond to the great commission to reach the world. (meets Religion/Humanities requirement)

Terms Typically Offered: Fall and Spring.

### THEO-103 Introduction to Theology 3 Credits

An introductory study of the subject matter and scope of Christian theology. Examination is made of philosophical presuppositions, definition is sought for theological terms, and articulation of theological concepts is encouraged. Particular attention is given to the doctrinal tenets of the Assemblies of God. (Required for all religion majors/meets Religion/Humanities for all majors)

Terms Typically Offered: Fall, Spring, and Summer.

## Elective Courses

### BIOL-205 Principles of Human Physiology 4 Credits

Investigates the fundamental physiological processes in humans using a systems approach to student integrated functions. The course will explore the functions of the human body emphasizing homeostasis and integration at the biochemical, cellular, organ, and system levels. The systems studied will include nervous, cardiovascular, respiratory, renal, gastrointestinal, endocrine, reproductive, and immunity. This course is a combined lecture and laboratory course fulfilling the physiology requirement for RN to BSN student. This is not a suitable course for Pre-Licensure Nursing students or Biology Majors. This requirement meets the science lab requirement for all other students. Lab fee required.

Terms Typically Offered: Spring.



**BIOL-208 Biology of Nutrition 4 Credits**

The course emphasizes the biology of nutrition as applied to metabolic and physiologic principles underlying digestion and absorption of nutrients, chemical structure, and metabolism of nutrients, the biochemical role of nutrients in maintaining health, and the effects of over- and under-nutrition on health and on disease pathogenesis. The students will gain an understanding of the biology of macronutrients (carbohydrates, lipids, and proteins) and micronutrients (vitamins, minerals, and water). Weight management and dietary analysis will also be discussed. Laboratory activities provide real-world insight into the biology of nutrition and will assist students in understanding how proper nutrition can optimize body system functions. This course is a combined lecture and laboratory course fulfilling the physiology requirement for RN to BSN student. This is not a suitable course for Pre-Licensure Nursing students or Biology Majors. This requirement meets the science lab requirement for all other students. Lab fee required.

Terms Typically Offered: Spring and Summer.

**BIOL-209 Principles of Microbiology 3 Credits**

An introduction to the study of micro-organisms: their occurrence and importance to humans. Major concepts of general microbiology are discussed, including prokaryotic and eukaryotic cell types: structural organization of cells; cellular metabolism, regulation of metabolism, and genetics; host-parasite relationships, nutrition, growth, control mechanisms, immunology and serology; recombinant DNA technology; growth of microbial cells; and controlling growth by chemical and physical means. Bacteria, fungi, algae, protozoa, and viruses are studied. Special emphasis is given to infectious diseases and the organisms that cause these diseases.

Co-Requisite: BIOL-209L

Pre- or Co-Requisite: BIOL-205 or BIOL-100C

Terms Typically Offered: Fall and Spring.

**BIOL-234 Principles of Neuroscience 4 Credits**

The course is an introduction to the human nervous system and how the brain processes sensory information, controls actions, and learns through experience and emotions. Each lesson provides a broad understanding of the fundamentals of brain structures and its role in behavior. The course also aims to introduce the student to brain science behind sensory development, language acquisition and learning.

Terms Typically Offered: Fall, Spring, and Summer.

**CHEM-210 Integrated Chemistry 4 Credits**

This course is designed to give beginning students who have not had prior exposure to chemistry a basic overview in general, organic, and biochemistry. The following topics will be surveyed: matter and energy, atomic theory, stoichiometry, nomenclature, the periodic table, atomic structure, gas liquid and solid states, solutions, nuclear chemistry, functional groups, alkanes, alkenes, alcohols, ethers, aldehydes, ketones, amines, carboxylic acids, lipids, carbohydrates, amino acids, proteins, nucleic acids, metabolism and respiration, photosynthesis, transcription, translation, kinetics, and DNA replication. Upon completion of this integrated chemistry course, the student will have an understanding of basic principles paramount to the study of chemistry, a proficiency with stoichiometry (as it relates to the nursing discipline), writing and interpreting chemical formulas, DNA replication, transcription and translation. In addition, the student should develop an appreciation for the importance of chemistry in other disciplines. (Meets Chemistry requirement for RN to BSN students; meets Science/Lab requirement for Professional Studies students).

**COMM-230 Ethics in Film 3 Credits**

Through in-class screenings, intensive class discussion and related readings, this course will examine films whose themes strongly concern the depiction of ethical and moral choice. This course will discuss the ways in which filmmakers create meaningful ethical dilemmas; how the characters' choices are portrayed; and how these portrayals may influence our own formulation of value systems and ethical choices. (meets a Humanities/Fine Arts requirement)

**COMM-290 Intro to Interpersonal Communication 3 Credits**

The primary elements of the communication process as it occurs between two persons in everyday settings. Among the topics considered are: language and meaning, nonverbal communication, person perception, and self-concept. This course does not fulfill a core curriculum requirement.

Terms Typically Offered: Fall and Spring.

**CORE-110 Vanguard Foundations of College Writing I 3 Credits**

Covers reading comprehension, technology and writing, and sentence-level (grammar) and paragraph-level issues. The course focuses on process-driven revision and peer collaboration while emphasizing critical thinking skills. This required course prepares Professional Studies and ECE students for college-level writing and studies. Students may petition to test out of this required course if they possess proficient college level writing ability. (Meets elective credit requirement only; not applicable to English Composition requirement. . Course must be passed with a "C" or better.)

Terms Typically Offered: Fall, Spring, and Summer.

**ECED-109 Infant/Toddler 3 Credits**

This course is an overview of the characteristic needs of infants and toddlers birth through age three. Appropriate learning environments and routine experiences will be discussed. Social, cognitive, physical, and sensory motor behavior patterns will be applied in theory and through observation in relation to the environment. A focus on the development of curriculum in meeting the individual needs of the children and the role of the teacher in facilitating growth through play experiences will be emphasized. (meets elective credit requirement) \*Only available online.

**ECED-121 Admin/Early Educ Programs I 3 Credits**

Application of the basic principles for the establishment, operation, supervision and evaluation of a preschool/ daycare program will be examined. This includes an overview and history of ECE programs, philosophy development, licensing standards, and assessment of management techniques. Christian philosophy and development will be integrated. This meets the minimum licensing course requirement for operating a licensed daycare program. (meets elective credit requirement) \*Only available online.

**ECED-123 Admin/Early Educ Programs II 3 Credits**

Application of advanced principles for the ongoing operation, supervision and evaluation of a preschool/ daycare program will be examined. This includes an in-depth look into managing staff and personnel issues, along with public relations and board development. Parent partnership and operational policies will be discussed. Christian philosophy and development will be integrated. This meets the minimum licensing requirement for operating a licensed daycare program. (meets elective credit requirement) \*Only available online.



**ECED-139 Adult Supervision/Mentoring 3 Credits**

This course will cover the methods and principles of supervising adults who are teachers, assistants, or volunteers in early childhood classrooms. Emphasis is on the role of experienced classroom teachers who function as mentors to new teachers while simultaneously addressing the needs of children, parents and other staff. Though not required, ECED 101 and ECED 103 are recommended prior to taking this course. (meets elective credit requirement) \*Only available online.

**ECED-150 Spiritual Formtn/Young Childrn 3 Credits**

This course will further students' own understanding and personal journey of spiritual formation and how that relates to the spiritual transformation of young children. The process of how the inner life is formed in young children towards an intimate relationship with God will be discussed. Particular emphasis will be placed on relationship, experience, and practice of the spiritual disciplines that create the context for spiritual formation to occur. A systematic approach will be given that lays the foundation for regular practices in the classroom. The relationship between the church, home, and the early education program will be explored as the foundational environments where spiritual transformation is developed. \*Only available online.

**EDUC-100 Intro/Education 3 Credits**

This course explores the role of education and teaching in modern American Society. Current political and social issues and their impact on schools will be addressed. Career opportunities and expectations for teachers will be discussed. Students will be encouraged to assess and reflect upon their own educational experiences, skills, and learning styles as they interact with current practitioners and education literature. Students will complete a 15-hour fieldwork component. May not be taken concurrently with EDUC 315. Must be passed with a "C" (not "C-") or better to fulfill the Liberal Studies major requirement.

**EDUC-315 Teaching/Multicultural Setting 3 Credits**

This course is cross listed with HIST-316. Students seeking to complete the subject matter program in English must take this class as part of that program to ensure that they are integrating literary content with their pedagogical experience. This course provides the philosophical background and classroom experience necessary to introduce a person to the teaching profession in a public or private school in a multicultural environment. The purpose of the class is to assist the student to gain an understanding of the resources and challenges facing a teacher serving a linguistically and culturally diverse student population. Discussion will focus on the major professional organizations and educational research related to the philosophical, historical, and demographic developments of American education. Students will complete a 30 hour field work component to observe classroom management and organization, Specially Designed Academic Instruction Delivered in English (SDAIE) instructional practices, and the curricula of grades K-12. The role and function of Christian beliefs and values in the public school will be integrated throughout the course. This course is a prerequisite requirement for the Multiple and Single Subject Credential programs. PREREQUISITE: Liberal Studies majors must complete EDUC-100 prior to taking this course. Lab fee.

Prerequisite: EDUC-100

**ENGL-115 Foundations for College Writing II 3 Credits**

Exposition and argument at the college level. The course emphasizes academic writing conventions through the writing process, mechanics, revising and editing, with a specific emphasis on critical thinking and logical argumentation. Course must be passed with a "C" or better to enroll in ENGL-220 (meets English Composition requirement)

**ENGL-340 Children's Literature 3 Credits**

Reading and evaluating literature written especially for children and young adults. Includes a historical as well as a genre approach. Prerequisite: ENGL-220C

**ENGL-350 Creative Writing 3 Credits**

Students learn and implement the basic techniques and theory specific to the three genres: fiction, poetry, and drama. Lecture and workshop combined.

Prerequisite: ENGL-220C

**HIST-275 Topics in American History 3 Credits**

A study of five periods in American history emphasizing the development of a distinctive American culture. This course meets the Social Science requirement for the Professional Studies Program.

**HIST-356 History and Geography of California 3 Credits**

A study of California from pre-Spanish times to the present, with emphasis on political, economic, and social developments and on its physical, political, and human geography.

Terms Typically Offered: Fall and Spring.

**MATH-105 Essential Mathematics 4 Credits**

This course prepares students to understand the essential mathematical concepts in number sense, elementary algebra, sets of numbers, problem solving, ratios, proportions, percentages, and graphing linear equations and inequalities. The course is designed to introduce students to practical mathematical skills necessary for courses in business and statistics. Emphasis will be placed on the structural and logical foundations of business. (Meets Elective requirement only; not applicable to Natural Science/Math requirement)

**MATH-105 Essential Mathematics 4 Credits**

This course prepares students to understand the essential mathematical concepts in number sense, elementary algebra, sets of numbers, problem solving, ratios, proportions, percentages, and graphing linear equations and inequalities. The course is designed to introduce students to practical mathematical skills necessary for courses in business and statistics. Emphasis will be placed on the structural and logical foundations of business. (Meets Elective requirement only; not applicable to Natural Science/Math requirement)

**MATH-109 Mathematics for Statistics 4 Credits**

This course prepares students to understand the mathematical and statistical concepts in problem solving, critical thinking, ratios and proportions, algebraic equations, sets and logic, probability and statistics, including frequency of distribution, statistical graphs, measures of central tendency, and measure of position and dispersion. The course introduces students to common mathematical skills necessary for coursework in statistics. (Meets Natural Science/Math requirement)

**MNGT-470 Special Topic in Management 1-3 Credits**

Study of a special topic in one of the fields of management. May be repeated for credit provided topics are dissimilar.

**PSCI-215 Fundamentals of Earth Science 4 Credits**

Earth science including physical and historical geology, meteorology, and descriptive astronomy; the economic, social, and philosophical aspects of the subject matter. Lab fee. (meets Natural Science/Math requirement)

**PSCI-216 Fundamentals of Physical Science 4 Credits**

This course in physical science presents materials in physics, chemistry, and astronomy that are conceptual in nature with minimal reliance on the quantitative rules of mathematics as a tool for understanding. A strong emphasis is placed on proper use of vocabulary words to understand and explain topics in the fields of mechanics, properties of matter, heat, sound, electricity and magnetism, and light. Classroom demonstrations and videos are used to assist the student in learning the everyday principles of nature. Lab fee. (meets Natural Science/Math requirement)

**PSYD-220 Human Growth/Development 3 Credits**

An exploration of human development across the lifespan (from conception through death). Examines human development through the biological, behavioral, cognitive, sociocultural, and spiritual perspectives. (meets Social Science requirement)

**PSYD-321 Adolescent Psychology 3 Credits**

A study of the period of life from puberty to the emergence from the teens, emphasizing the physical, mental, emotional, social, spiritual, and personality development of the individual. Diversity issues are considered. (meets Social Science requirement)

Terms Typically Offered: Fall.

**PSYD-352 Industrial/Organizational Psyc 3 Credits**

Investigate how general psychological knowledge from the areas of personality, assessment, cognitive, and social psychology can be applied and further developed in organizational contexts. Issues such as matching jobs and individuals, training, performance evaluation, stress, leadership, and development are discussed in the context of multilevel cultural influences, from organizational cultures to global business demands. (meets Social Science requirement)

Prerequisite: MUST COMPLETE: PSYC-103C

**PSYD-465 Field Education for Psy Majors 1-5 Credits**

Students apply concepts learned in the major as a student intern/volunteer at a human services agency or research facility. This course allows students to earn credit for additional field experience beyond PSYD 460; 30 hours of field experience will be required for each credit hour. Students may register for from 1-5 units of credit.

Pre- or Co-Requisite: PSYD-460

**SOC-220 Marriage & Family Social Conte 3 Credits**

This course provides students with a sociological perspective of marriage and family living. Themes include: the social construction of gender and the consequences for relationships and social institutions; intimacy in family relationships; communication, conflict and stress in the family; the realities of parenting; integrating work and family life; separation divorce and remarriage; later life families. This course meets the Social Science requirement in the Professional Studies program.

