

The logo features a red ribbon-like banner at the top with the text "College of" in a white, cursive font. Below this is a larger red banner with the text "Science & Information Technology" in a white, sans-serif font. The banners have a 3D effect with shadows.

College of

Science & Information Technology

### *Bachelor of Science in Bio-Medical Engineering (BSBME) \*NEW*

BSBME train students to become biomedical engineers equipped with the knowledge in medical and biological methods and engineering principles to address health needs by developing, handling, and managing electronics and computer-controlled medical equipment and systems. Classes include hands-on experience including immersion and OJT programs in partnership with AdZU's School of Medicine.

### *Bachelor of Science in Computer Science (BSCS)*

The BSCS program prepares the students for a profession as IT consultants, systems analysts, software engineers and IT researchers, by providing students an intensive background in data structure, algorithm analysis and programming. Electives of the course include image processing and mobile development.

### *Bachelor of Science in Computer Engineering (BSCE)*

The BSCE program focuses on both the hardware and software aspects of computer systems. It prepares students to be proficient in the design, development and analysis of analog and digital systems, as well as in data communication and computer networks, embedded systems technology and mobile applications technology.

### *Bachelor of Science in Electronics & Communications Engineering (BSECE)*

The BSECE program prepares students for employment in electronics technology, communications protocol, and signal processing, developing electronic and communication products, systems, services and processes. Built on a strong core in math, science and engineering, the program trains students to adapt to different areas of electronics and communications engineering, instrumentation and control, as well as semi-conductor applications.

### *Bachelor of Science in Information Technology (BSIT)*

This program produces industry-ready IT professionals in internet applications. It focuses on the planning, development, implementation and maintenance of web-based applications. Graduates of the program can work as web developers and administrators, systems developers or programmers, IT consultants, IT instructors, researchers or IT entrepreneurs.

### *Bachelor of Science in New Media and Computer Animation (BS NMCA)*

This program produces industry-ready animators and multimedia artists with portfolios, and certification and participation in competitions. The program includes Basic Sketching, 2D Animation, 3D Animation, Stop-Motion Animation, Photo Editing, Audio Editing, Video Editing and Production, Visual Effects, and Web Design. Classes include combined classroom teaching, hands-on activity and actual production.

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College of

Science & Information Technology

### *Bachelor of Science in Biology (BS Bio)*

The BS Bio program provides students a strong science foundation with emphasis on structure-function relationship in living things, and making meaningful connections between and among living things and their environment. This program serves as preparatory course for medicine or the allied medical courses. It also prepares students for a career in science, science research and teaching.

### *Bachelor of Science in Mathematical Sciences (BSMS)*

This program has three tracks:

**BSMS major in Mathematical Education** is for students who wish to develop conceptual as well as pedagogical prowess in Mathematics. Graduates of the course are competent in handling Mathematics teaching at the collegiate level.

**BSMS major in Pure Mathematics** is for students interested in Mathematics as a pure and theoretical science. This program is parallel to BS Mathematics but with additional computer courses. Graduates of the course can work as mathematical researchers and as data analysts in banks.

**BSMS major in Mathematical Statistics** is for those who wish to acquire a deep and comprehensive working knowledge of pure and applied statistics. This program is most appropriate for students interested in research.

### *Bachelor of Science in Mathematics (BS Math)*

The program is for students who wish to study mathematics as a science and acquire a broad knowledge and training in pure math, with a background in mathematical modeling, scientific computing, and various modern applications of mathematics. It prepares them for a career in research, teaching math, and in the industry of finance, computer science, statistics, marketing, physics, and biology.

### *Bachelor of Science in Statistics (BS Stat)*

The program provides students a strong foundation in statistical methods and principles, and equips them with skills, knowledge, and attitudes for effective data analysis and management of surveys. The program enables graduates to work as statisticians in planning, statistics and research institutions, pharmaceutical industry and non-government organizations as public opinion pollsters, and in teaching.



## College of Nursing

### *Bachelor of Science in Nursing (BSN)*

The Nursing program develops student nurses ready to meet the health care needs of a community through direct nursing service, teaching, and research. The course develops students who are caring, compassionate, and service-oriented, following Ateneo's thrust of forming Men and Women for Others. Upon completion, graduates can practice nursing competently in any local or global setting.



## School of Education

### *Bachelor of Secondary Education & Bachelor of Elementary Education (BSEd & BEEd)*

The education programs produce highly competent 21st century teachers who are multi-literate, creative designers of learning environments, reflective facilitators of meaningful learning experiences, models of Ignatian virtues, collaborators and leaders in research and projects designed to improve conditions and promote peace in the community.

The BSEd and BEEd are learner-centered and outcomes-based academic programs anchored on the K to 12 curriculum framework and the new general education curriculum designed to develop competencies in critical and strategic thinking, communication, life-long learning, and other higher level literacies and skills. The programs are complemented by a formation program that nurture strong leadership, a compassionate spirit, social responsibility, and a deep sense of God.

### *Certificate in Professional Education (CPE)*

The CPE is a 24-unit program of professional education subjects and experiential learning courses that prepares non-education baccalaureate holders to teach in High School or College. It provides students the academic and experiential requirements needed to qualify for the Licensure Examination for Teachers (LET).

# School of Liberal Arts

## *Bachelor of Arts major in Economics (AB Econ)*

This course studies man's behavior concerning production, distribution, exchange, and consumption of goods and services, and their implication to social welfare. This field of concentration provides the graduate with knowledge in economics which is of practical value in business and public affairs.

## *Bachelor of Arts major in English (AB English)*

The English program provides a comprehensive study of the English language and literature including speech analysis and speech writing. The program focuses on the appreciation of truth, beauty, and refinement through contact with the classical as well as modern ideas and personalities in literature. This program is an ideal preparatory course for law, linguistics and other professional fields.

## *Bachelor of Arts major in Interdisciplinary Studies (ABIS)*

The course embraces three major interrelated fields: History, Economics, and Political Science. It molds the student into a well-rounded individual skilled in the intricacies of economics, enlightened by an appreciation of history; and meaningfully aware of the various political systems. It affords its graduate options for further studies in Economics, Political Science, History, Law, and Public Administration.

## *Bachelor of Arts major in Philosophy (AB Philo)*

The core curriculum of the course develops logical thinking as well as the habit of reflecting on the different dimensions of reality, namely, Man, Society, Religion, in order to understand how they constitute a meaningful whole. The curriculum also prepares the student for graduate studies in Philosophy, Law, Business, and Theology.

## *Bachelor of Arts in International Studies (AB-IntS)*

This course studies diplomacy among the states in the world, providing in-depth knowledge of different regions of the world and integrating global processes necessary in understanding international relations. Graduates can work as consultants, executive officers, and employees in both local and international government and NGOs. They can also pursue further studies in Economics, Law, and International Relations.

## *Bachelor of Arts in Communication (BA Comm)*

The AB Comm program prepares students for careers in print (newspapers, magazines, books), broadcast (radio, television), online media, film, advertising, and public relations. Dynamic classroom and laboratory experiences are supplemented by a strong practicum program that allows students to intern in professional media outfits all over the country. Graduates of the course can work in media organizations, corporations, government and politics, the academe, and in non-government organizations.

## *Bachelor of Science in Psychology (BS Psyc)*

This course trains students in the scientific study of human behavior and mental processes, exposing them to various areas in social psychology, psychometrics, counseling, human resources development and management, organizational behavior, abnormal behavior, educational and cognitive psychology, and personality theories. It also prepares them to take the Psychometrician Licensure Exam, specialize in Psychology, Human Resource Development and Guidance and Counseling, or enroll in Law and Medicine.

The logo for the School of Management and Accountancy features a red ribbon graphic. The words "School of" are written in a white, cursive font on a red rectangular background. Below this, the words "Management and Accountancy" are written in a white, bold, sans-serif font on a larger red rectangular background. The ribbon graphic consists of several overlapping red shapes that create a sense of movement and depth.

## School of Management and Accountancy

### *Bachelor of Science in Accountancy (BSA)*

The BSA program trains students for a profession in public accounting, commerce and industry, government agencies, and the academe, equipping them with the ability to support operating decisions through financial data arising from business transactions. It also prepares them for the Board Licensure Examination for Certified Public Accountant and other global professional accounting certificates.

### *Bachelor of Science in Management Accounting (BSMA)*

The BSMA program provides a foundation for a career in managerial accounting and finance, commerce and industry, consultancy services and government agencies, involving management planning, controlling, decision-making and performance evaluation. It also prepares the students for the global Management Accounting Certificate examination and other professional accounting certificates.

### *Bachelor of Science in Business Administration-Entrepreneurial track (BSBA-Entre track)*

The BSBA-Entre program develops students to become entrepreneurs with the knowledge, skills, and values of responsibility and responsiveness to the needs of society. The focus of the program is on creation and innovation of new business concepts, processes, and systems that will be tested by the students in the local market through business incubation, and later launched as an enterprise.

### *Bachelor of Science in Business Administration-Corporate track (BSBA-Corpo track)*

The BSBA-Corporate program prepares students for managerial and/or supervisory positions in companies. The focus is on strategic analysis and corporate development for competitiveness and performance. Under the course, students will undergo two major developmental programs: the Feasibility Study preparation and defense; and the Management Training Program. These programs will develop in the students strategic thinking and decision-making skills, knowledge, and attitudes for organizational development.

### *Bachelor of Science in Legal Management (BSLM)*

The BSLM program develops the students' understanding of legal concepts and procedures. Students undergo an internship program in local and/or national legal or legislative offices and institutions which provide them with exposure and experience in a work environment that apply the theories and principles learned in class. This program also serves as preparatory course for a degree in law.

### *Bachelor of Science in Office Administration (BSOA)*

The BSOA program develops the skills, knowledge, and attitude of students in office administration and management, focusing on the development of clerical and office skills toward higher organizational productivity and efficiency. Under the program, students undergo internship with different private and government institutions as office staff to get first-hand experience in applying lessons learned in class.