

NDDU VISION-MISSION STATEMENT

VISION

Notre Dame of Dadiangas University is a Catholic, Filipino Institution of Academic Excellence established by the Marist Brothers of the Schools (*F.M.S.-FratresMaristae a Scholis*) characterized by St. Marcellin Champagnat's ideals of simplicity, humility and quiet zeal for God's work as inspired by the Blessed Virgin Mary. The school is dedicated to the formation of persons in all levels of learning, who, as **Christian Leaders, Competent Professionals, Community-Oriented Citizens and Culture-Sensitive Individuals** will actively participate in building a peaceful and progressive nation.

MISSION

- As a **Catholic Educational Institution**, NDDU shares in the Church's mission of evangelization by integrating life and faith;
- As a **Filipino Institution**, NDDU seeks to preserve Filipino Culture and propagate love of country and its people;
- As an **Institution of Quality Education**, NDDU aims leadership in Curricular Programs, Multi-Disciplinary Programs, Research, and Community Service;
- As a **Marist Institution**, NDDU promotes the core values of Family Spirit, Marian Spirit, Simplicity, Presence, Preference for the Least Favored, Love of Work, and Integrity of Creation; and
- As a **Community-Oriented Institution**, NDDU aims to respond to the challenges of the locality it is serving: South Cotabato, Sultan Kudarat, Sarangani Province and, General Santos City (SOCKSARGEN Area).

COLLEGE OBJECTIVES

The College of Engineering and Technology aims to:

- Educate students to become Christian leaders, competent professionals, community oriented citizens, and culture sensitive individuals in order to contribute to the professional workforce in Engineering, Architecture, and Information Technology/
- Serve the Engineering, Architecture, and Information Technology professions and the society through excellence in research and innovation that discovers new knowledge and enable new technologies and systems
- Embrace a culture of service to the local, national, and international communities.
- Equip students with employable skills along with a sense of social, moral and environmental responsibility.
- Produce graduates highly specialized in civil, electrical, electronics, industrial, and computer engineering, information technology and Architecture that have a strong foundation in the basic physical, behavioral and social sciences and holistically consider the economic, social and environmental relevance to projects undertaken.

For more information, please see
The University Registrar or
Call (083) 552 4444 local 2211,
or visit us at
www.nddu.edu.ph

COURSES OFFERED

Notre Dame of Dadiangas University started operating its high school department in 1953. In 1959 the school offered the following courses: Liberal Arts, Commerce and one (1) year Secretarial course. However, NDDU endeavors to keep up with the demands of the times and with the modern trends in education, as well as to contribute to the manpower building of the General Santos community and of the country. To attain these, it now offers more programs relevant to the needs of the country. The following are the programs:

I. POST GRADUATE

- Doctor in Management (DM) major in Human Resource Management
- Doctor of Philosophy in Education (Ph.D.Ed.)
- Doctor of Philosophy in Language Education (Ph.D.LE)
- Doctor of Philosophy in Science Education (Ph.D.Sci.Ed.) Major in Biology

II. GRADUATE with Accreditation Level

- Master in Business Administration (MBA) (Thesis & Non-Thesis) Level II
- Master in Public Administration (MPA) (Thesis & Non-Thesis) Level II
- Master of Arts in Education (MAEd) Level II

Areas of Specialization:

- Mathematics, Guidance & Counseling,
Teaching English as a Second Language, Educational Management,
Science Education, Religious Education and Early Childhood Education
- Master in Engineering Program Major in Civil Engineering
- Master of Arts in Nursing (MAN)

III. UNDERGRADUATE with Accreditation Level

Five Year Courses

- Bachelor of Science in Architecture (BSArch)
- Bachelor of Science in Pharmacy (BSPharma)

Four Year Courses

- Bachelor of Science in Civil Engineering (BSCE) Level II
- Bachelor of Science in Computer Engineering (BSCpE)
- Bachelor of Science in Electrical Engineering (BSEE) Level I
- Bachelor of Science in Electronics and Communications Engineering (BSECE)
- Bachelor of Science in Industrial Engineering (BSIE) Level II
- Bachelor of Arts (AB) Level IV
Major in: Political Science, English, Communication, and Psychology
- Bachelor of Science in Biology (BSBio)
- Bachelor of Science in Mathematics (BSM)
- Bachelor of Science in Accountancy (BSA) Level II
- Bachelor of Science in Business Administration (BSBA) Level IV
Major in: Business Economics, Financial Management, Marketing
Management, Human Resource Management
- Bachelor of Science in Entrepreneurship (BSEn)
- Bachelor of Science in Hospitality Management (BSHM)
- Bachelor of Science in Internal Auditing (BSIA)
- Bachelor of Science in Management Accounting (BSMA)
- Bachelor of Science in Tourism Management (BSTM)
- Bachelor of Early Childhood Education (BECEd) Level IV
- Bachelor of Elementary Education (BEEd) Level IV
- Bachelor of Secondary Education (BSEd) Level IV
Major in: English, Science, Mathematics, Religious Education
- Bachelor of Physical Education (BPEd)
- Bachelor of Special Needs Education Major in Elementary School Teaching (BSNEd)
- Bachelor of Science in Computer Science (BSCS) Level II
- Bachelor of Science in Entertainment and Multimedia Computing (BSEMC)
- Bachelor of Science in Environmental Planning (BSEP)
- Bachelor of Science in Information Technology (BSIT) Level II
- Bachelor of Library & Information Science (BLIS)
- Bachelor of Science in Medical Technology (BSMT)
- Bachelor of Science in Nursing (BSN) Level III

College of Engineering and Technology NOTRE DAME OF DADIANGAS UNIVERSITY

Marist Avenue, General Santos City



Course Catalogue

BACHELOR OF SCIENCE IN ARCHITECTURE (BSArch)

(Government Recognition No.029 series of 2011)

Effective SY 2018 – 2019

Student's Signature	
Student's Name	
Contact Number	
Email Address	

THE FOUR-YEAR CURRICULUM LEADING TO THE DEGREE BACHELOR OF SCIENCE IN ARCHITECTURE

*Per CHED Memorandum Order (CMO) No. 61 series of 2017
Effective SY 2018 – 2019*

COURSE DESCRIPTION:

Architecture is the profession in which knowledge of Mathematics, arts, and natural sciences gained by study, experience and practice is applied with judgment to develop ways to economically utilize the materials and forces of nature for the benefit of mankind.

Program Educational Objectives:

- The objectives of the Bachelor of Science in Architecture are to develop the following outcomes:
- Perform standard competencies in accordance with the scope of the global and local practice of architecture
 - Show traits of professionalism, sense of responsibility, equality and patriotism
 - Receptiveness to new ideas and knowledge through scientific research
 - Direct and focus the thrust of architecture education to the needs and demands of society and its integration into the social, economic, cultural and environmental aspects of nation building
 - Instill understanding of the basic philosophy and fundamental principles of the multi-dimensional aspects of architecture, and the direct relationship between man and his environment.
 - acquired the necessary knowledge and values needed to pursue an Architecture career anchored on the spirit of St. Marcellin Champagnat and Mother Mary.

FIRST YEAR – FIRST SEMESTER

Grade	Cat. #	Descriptive Title	# of Hrs/Wk Lec Lab	Units	Pre-Req
	RE 111	Salvation Hist. Old Testament	3 0	3	
	Math 129	Solid Mensuration	3 0	3	
	GE 6	Science, Technology and Society	3 0	3	
	GE 3	Mathematics in the Modern world	3 0	3	
	GE 2	Readings in Philippine History	3 0	3	
	ARCH 111	(PC) Design 1 - Introduction to Design	1 3	2	
	ARCH 112	(AC) Graphics 1- Arch. Visual Comm 1	1 6	3	
	ARCH 114	(PC) Theory of Architecture 1	2 0	2	
	ARCH 115	(AC) VT 1 - Arch. Visual Comm 2	1 3	2	
	PE 1	Physical Fitness & Self-Testing Activities	2 0	2	
	PGS 1	Personal Growth Session 1	3 0	0	
	Total		25 12	26	

FIRST YEAR – SECOND SEMESTER

	RE 112	Christology	3 0	3	RE 111
	MATH 127	Differential and Integral Calculus	3 0	3	Math 129
	GE 4	Contemporary World	3 0	3	
	GE 1	Understanding the self	3 0	3	
	ARCH 121	(PC) Design 2 - Creative Des. & Fund.	1 3	2	Arch 111, 114
	ARCH 124	(AC) Graphics 2- Arch. Visual Comm 3	1 6	3	Arch 112
	ARCH 125	(PC) Theory of Architecture 2	3 0	3	Arch 114
	ARCH 126	(AC) VT-2 – Arch. Visual Comm 4	1 3	2	Arch 115
	ARCH 127	Architectural Interiors	1 3	2	Arch 114
	PE 2	Rhythmic Activities	2 0	2	PE 1
	PGS 2	Personal Growth Session 2	3 0	0	PGS 1
	Total		23 12	26	

FIRST YEAR – SUMMER

	NSTP 1	Nat'l Service Training Prog 1	3 0	3	
	NSTP2	Nat'l Service Training Prog 2	3 0	3	
	Total		6 0	6	

- Arch Students are required to maintain a minimum final grade of 2.75 in all Technical courses, and a Grade point average (GPA) of 2.50 in order to be retained in the BS-Architecture program.
- Technical courses include: Mathematics, Natural Sciences, Basic Engineering Courses (BES), Allied Courses (AC), Professional Courses (Design, Bldg Utilities, Bldg. Tech, Prof. Practice- PP)

SECOND YEAR – FIRST SEMESTER

Grade	Cat. #	Descriptive Title	# of Hrs/Wk Lec Lab	Units	Pre-Req
	RE 113	Christian Faith	3 0	3	RE 112
	GE 5	Purposive Communication	3 0	3	
	ES 322	Environmental Science	3 0	3	
	ARCH 211	(PC) Bldg Tech1- Building Materials	3 0	3	
	ARCH 212	(PC) Design 3 - Creative Des. in Arch. Interior	1 6	3	Arch 121, 127
	ARCH 213	(PC) History of Architecture 1	3 0	3	
	ARCH 216	(AC) VT-3 - Arch. Visual Comm 5	1 3	2	Arch 126
	PE 3	Recreational Activities (Individual and dual Sports)	2 0	2	PE 2
	Total		19 9	22	

SECOND YEAR – SECOND SEMESTER

	RE 114	The Church	3 0	3	RE 113
	GE 7	(Hum) Art Appreciation	3 0	3	
	GE 10	KontekstwalisadongKomunikasyonsa Filipino	3 0	3	
	ARCH 221	(PC) Bldg. Tech.- Const. drawing in Wood, steel & Concrete (1storey building)	2 3	3	Arch 211, Arch 226(Co)
	ARCH 222	(PC) Design 4 - Space Planning 1	1 6	3	Arch 212
	ARCH 224	(PC) History of Architecture 2	3 0	3	Arch 213
	ARCH 226	(PC) Bldg Utilities 1- Plumbing & Sanitary Systems	3 0	3	
	ARCH 227	(PC) Tropical Design	3 0	3	
	PE 4	Team Sports	2 0	2	PE 1
	Total		23 9	26	

THIRD YEAR – FIRST SEMESTER

	RE 115	Liturgy and Sacraments	3 0	3	RE 114
	BES 210	(BEC)Statics of Rigid Bodies	3 0	3	Math 127
	ARCH 312	(PC) Bldg. Tech 3 - Const. drawing in Wood, Steel & Concrete (2 storey)	2 3	3	Arch 221, 226
	ARCH 313	(PC) Design 5 - Space Planning 2	1 9	4	Arch 222
	ARCH 315	(PC) History of Architecture 3	3 0	3	Arch 224
	ARCH 316	(PC) Bldg Utilities 2- Elec. & Mech. Sys	3 0	3	Arch 226
	ARCH 317	(PC) Prof. Prac 1- Laws Aff. the prac.of Arch	3 0	3	
	CE 314	(BEC) Plane Surveying	2 3	3	Math 129
	Total		20 15	25	

THIRD YEAR – SECOND SEMESTER

	RE 116	Christian Morality	3 0	3	RE 115
	BES 222A	(BEC) Mechanics of Deformable Bodies	3 0	3	BES 210
	ARCH 320	(PC) Planning 1) Site Planning & Landscape Arch	3 0	3	Arch 227/ CE 314
	ARCH 322	(PC) Design 6 Site Dev't Plan. & Landscaping	1 9	4	Arch 313
	ARCH 325	(PC) Bldg. Utilities 3 - Acoustic, Lighting & Illumination	3 0	3	Arch 316
	ARCH 326	(PC) Prof. Prac 2- Admin. the Reg. Serv.of Arch.	3 0	3	Arch 317
	ARCH 327	(PC) History of Architecture 4	3 0	3	Arch 315
	ARCH 328	(PC) Bldg Tech 4 - Spec. Writing & Quantity Surveying	2 3	3	Arch 312
	Total		21 12	25	

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Vice President for Academics

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Supervising Education Program Specialist

DR. MAXIMO C. ALJIBE, CESO III
Director IV, CHED Regional Office

FOURTH YEAR – FIRST SEMESTER

Grade	Cat. #	Descriptive Title	# of Hrs/Wk Lec Lab	Units	Pre-Req
	CE 323	(BEC) Structural Theory 1	3 0	3	BES 222A
	ARCH 413	(PC) Design 7 - Comm. Arch. & Urban Des	1 12	5	Arch 322
	ARCH 415	(PC) Planning 2 - Fund. Of Urban Design & Community Arch.	3 0	3	Arch 320
	ARCH 416	(PC) Bldg. Tech 5 - Alternative Bldg. Const. Sysetm	1 6	3	Arch 312
	CS 401	(PC)Comp. Aided Drafting & Des. for Arch 1	1 6	3	Arch 216
	GE 11	Filipino salba't-ibangdisiplina	3 0	3	
	GE 13	Sosyedad at Literatura/Panitikang Pilipino	3 0	3	
	Total		15 24	23	

FOURTH YEAR – SECOND SEMESTER

	CS 402	(PC)Comp. Aided Drafting & Des. for Arch 2	1 6	3	CS 401
	CE 501	(BEC)Timber & Steel Design	3 0	3	CE 323
	ARCH 420	(PC)Research method for Architecture	3 0	3	4 th yr standing
	ARCH 421	(PC) Design 8) Design of Complex Struc.	1 12	5	Arch 413
	ARCH 424	(PC) Planning 3- Intro to Urban & Reg. Planning	3 0	3	Arch 415
	ARCH 426	(PC) Prof. Practice 3 Global Practices in the 21 st Century	3 0	3	Arch 326
	ARCH 427	(SP-1) Community Planning Dev't	3 0	3	Arch 415, 413
	Total		17 18	23	

FOURTH YEAR – SUMMER

	Arch 500A	Industry immersion(On the Job Training – 240 hours)	0 3	1	5th yr standing
	Total		0 3	1	

FIFTH YEAR – FIRST SEMESTER

	ARCH 510	(SP-2) Urban Design Structures	3 0	3	Arch 427
	ARCH 511	(PC) Design 9 - Thesis Research Writing	1 12	5	5 th yr standing
	ARCH 515	(PC) Human Settlements & Housing	3 0	3	Arch 326,317
	ARCH 516	(BEC) Architectural Structures	3 0	3	CE 501
	ARCH 501	Business Mngt& Application for Archi.	3 0	3	Arch 426
	GE 8	Ethics	3 0	3	
	Total		16 12	20	

FIFTH YEAR – SECOND SEMESTER

	ARCH 521	(PC) Design 10- Thesis Research Applic.	1 12	5	Arch 511
	ARCH 524	(SP-3) Heritage Resource Studies	3 0	3	Arch 515
	ARCH 502	Business Mngt& Application for Archi.	3 0	3	Arch 426
	GE 9	Life & Works of Rizal	3 3	3	
	Total		10 15	14	
		Total	197 141	239	

Reminders:

- Students shall be responsible to write their official grades on the space provided.
- Student shall always make this document available for evaluation purposes, especially during enrolment.
- For Non-Catholics, RE 114 and RE 115 could be replaced with RE 40 and RE 30 respectively.
- NSTP 1, NSTP 2, PGS 1 and PGS 2 must be taken during the First Year.
- 3rd year standing – must have completed all first year to second year subjects
- 4th year standing – must have completed all first year to third year subjects
- 5th year standing - must have completed all first year to fourth year subjects