

# Colegio de San Juan de Letran Calamba

Brgy. Bucal, City of Calamba, Laguna

## BACHELOR OF SCIENCE IN ARCHITECTURE

Curriculum Year 2018-2019

COURSE CODE	COURSE TITLE	Lec	Lab		TOTAL	PRE-REQUISITES/ CO-REQUISITES
		Units/Hours	Units	Hrs		
<b>FIRST YEAR, First Semester</b>						
ARCHI011	Archi Dsgn 1 - Introduction to Design	1			1	co-req ARCHI011L
ARCHI011L	Archi Dsgn 1 - Introduction to Design Lab		1	3	1	co-req ARCHI011
ARCHI021	Archi Vis Com 1 - Graphics 1	1			1	co-req ARCHI022L
ARCHI022L	Archi Vis Com 1 - Graphics 1 Lab		2	6	2	co-req ARCHI021
ARCHI031	Theory of Architecture 1	1			1	co-req ARCHI031L
ARCHI031L	Theory of Architecture 1 Lab		1	3	1	co-req ARCHI031
ARCHI041	Archi Vis Com 2 - Visual Techniques 1	1			1	co-req ARCHI041L
ARCHI041L	Archi Vis Com 2 - Visual Techniques 1 Lab		1	3	1	co-req ARCHI041
ARCHI132	History of Architecture 1	2			2	
GEC013	Science, Technology and Society	3			3	
MATH212	Solid Mensuration	2			2	
NSTP1-18	National Service Training Program 1	3			3	
PE002-18	Physical Fitness & Related Activities	2			2	
RELED051	The Catholic Christian Faith	1			1	
	<b>Total</b>	<b>17</b>	<b>5</b>	<b>15</b>	<b>22</b>	
<b>FIRST YEAR, Second Semester</b>						
ARCHI051	Archi Dsgn 2 - Creative Design Fundamentals	1			1	ARCHI011, ARCHI011L, ARCHI031, co-req ARCHI051L
ARCHI051L	Archi Dsgn 2 - Creative Design Fundamentals Lab		1	3	1	ARCHI011, ARCHI011L, ARCHI031L, co-req ARCHI051
ARCHI061	Archi Vis Com 3 - Graphics 2	1			1	ARCHI021, ARCHI022L, co-req ARCHI062L
ARCHI062L	Archi Vis Com 3 - Graphics 2 Lab		2	6	2	ARCHI021, ARCHI022L, co-req ARCHI061
ARCHI072	Theory of Architecture 2	2			2	ARCHI031, ARCHI031L
ARCHI081	Archi Vis Com 4 - Visual Techniques 2	1			1	ARCHI041, ARCHI041L, co-req ARCHI081L
ARCHI081L	Archi Vis Com 4 - Visual Techniques 2 Lab		1	3	1	ARCHI041, ARCHI041L, co-req ARCHI081
ARCHI113	Bldg Tech 1 - Building Materials	3			3	ARCHI031, ARCHI031L
ARCHI121	Architectural Interiors	1			1	ARCHI031, ARCHI031L, co-req ARCHI121L
ARCHI121L	Architectural Interiors Lab		1	3	1	ARCHI031, ARCHI031L, co-req ARCHI121
Fil083	Komunikasyon sa Akademikong Filipino	3			3	
GEC073	Ethics	3			3	
MATH183	Differential and Integral Calculus	3			3	MATH212
NSTP2-18	National Service Training Program 2	3			3	NSTP1-18
PE022-18	Rhythmic Activities	2			2	PE002-18
	<b>Total</b>	<b>23</b>	<b>5</b>	<b>15</b>	<b>28</b>	
<b>SECOND YEAR, First Semester</b>						
ARCHI091	Archi Dsgn 3 - Creative Design in Architectural Interiors	1			1	ARCHI051, ARCHI051L, ARCHI072, co-req ARCHI092L
ARCHI092L	Archi Dsgn 3 - Creative Design in Architectural Interiors Lab		2	6	2	ARCHI051, ARCHI051L, ARCHI072, co-req ARCHI091
ARCHI101	Archi Vis Com 5 - Visual Techniques 3	1			1	ARCHI081, ARCHI081L, co-req ARCHI101L
ARCHI101L	Archi Vis Com 5 - Visual Techniques 3 Lab		1	3	1	ARCHI081, ARCHI081L, co-req ARCHI101
ARCHI162	Bldg Util 1 - Plumbing and Sanitary Systems	2			2	ARCHI113, co-req ARCHI161L
ARCHI161L	Bldg Util 1 - Plumbing and Sanitary Systems Lab		1	3	1	ARCHI113, co-req ARCHI162
ARCHI172	Tropical Design	2			2	ARCHI113
ARCHI182	History of Architecture 2	2			2	ARCHI132
Fil093	Pagbasa at Pagsulat Tungo sa Pananaliksik	3			3	Fil083
GEC033	Mathematics in the Modern World	3			3	
LQEC823	Letran Quality Enrichment Course 82	3			3	
PE032-18	Individual/Dual Sports	2			2	PE002-18
RELED063	Contemporary Issues in Christian Marriage	3			3	RELED051
	<b>Total</b>	<b>22</b>	<b>4</b>	<b>12</b>	<b>26</b>	
<b>SECOND YEAR, Second Semester</b>						
ARCHI141	Archi Dsgn 4 - Space Planning 1	1			1	ARCHI091, ARCHI092L, co-req ARCHI142L
ARCHI142L	Archi Dsgn 4 - Space Planning 1 Lab		2	6	2	ARCHI091, ARCHI092L, co-req ARCHI141
ARCHI152	Bldg Tech 2 - Construction Drawings in 1-Storey Building	2			2	ARCHI113, co-req ARCHI151L
ARCHI151L	Bldg Tech 2 - Construction Drawings in 1-Storey Building Lab		1	3	1	ARCHI113, co-req ARCHI152
ARCHI222	History of Architecture 3	2			2	ARCHI182
ENGG003	Statics of Rigid Bodies	3			3	MATH183
ENGG272	Surveying	2			2	MATH183, co-req ENGG271L
ENGG271L	Surveying Lab		1	3	1	MATH183, co-req ENGG272
FIL113	Panitikang Filipino	3			3	FIL093
PE042-18	Team Sports	2			2	PE002-18
RELED073	Contemporary Issues about Church and Human Society with Immersion	3			3	RELED051
	<b>Total</b>	<b>18</b>	<b>4</b>	<b>12</b>	<b>22</b>	
<i>Note: Certificate in Drafting Technology shall be granted upon completion of all professional courses from 1st year-1st semester to 2nd year-2nd semester.</i>						
<b>THIRD YEAR, First Semester</b>						
ARCHI191	Archi Dsgn 5 - Space Planning 2	1			1	ARCHI141, ARCHI142L, co-req ARCHI193L
ARCHI193L	Archi Dsgn 5 - Space Planning 2 Lab		3	9	3	ARCHI141, ARCHI142L, co-req ARCHI191
ARCHI202	Bldg Tech 3 - Construction Drawings in 2-Storey Building	2			2	ARCHI152, ARCHI151L, co-req ARCHI201L
ARCHI201L	Bldg Tech 3 - Construction Drawings in 2-Storey Building Lab		1	3	1	ARCHI152, ARCHI151L, co-req ARCHI202
ARCHI212	Bldg Util 2 - Electrical, Electronics, and Mechanical Systems	2			2	ARCHI162, ARCHI161L, co-req ARCHI211L
ARCHI211L	Bldg Util 2 - Electrical, Electronics, and Mechanical Systems Lab		1	3	1	ARCHI162, ARCHI161L, co-req ARCHI212
ARCHI241	CADD for Architecture 1	1			1	ARCHI141, ARCHI142L, ARCHI162, ARCHI161L, co-req ARCHI241L
ARCHI241L	CADD for Architecture 1 Lab		1	3	1	ARCHI141, ARCHI142L, ARCHI162, ARCHI161L, co-req ARCHI241
ARCHI282	History of Architecture 4	2			2	ARCHI222
ENGG063A	Strength of Materials	3			3	ENGG272, ENGG271L
GEC023	Mga Babasahin Hinggil sa Kasaysayan ng Pilipinas	3			3	
LQEC833	Letran Quality Enrichment Course 83	3			3	LQEC823
RZL023	Buhay at Mga Akda ni Rizal	3			3	
	<b>Total</b>	<b>20</b>	<b>6</b>	<b>18</b>	<b>26</b>	

# Colegio de San Juan de Letran Calamba

Brgy. Bucal, City of Calamba, Laguna

## BACHELOR OF SCIENCE IN ARCHITECTURE

Curriculum Year 2018-2019

COURSE CODE	COURSE TITLE	Lec	Lab		TOTAL	PRE-REQUISITES/ CO-REQUISITES
		Units/Hours	Units	Hrs		
<b>THIRD YEAR, Second Semester</b>						
_____ ARCHI233	Prof Prac 1 - Laws Affecting the Practice of Architecture	3			<b>3</b>	ARCHI141, ARCHI142L
_____ ARCHI251	Archi Dsgn 6 - Site Development Planning and Landscaping	1			<b>1</b>	ARCHI191, ARCHI193L, co-req ARCHI253L
_____ ARCHI253L	Archi Dsgn 6 - Site Development Planning and Landscaping Lab		3	9	<b>3</b>	ARCHI191, ARCHI193L, co-req ARCHI251
_____ ARCHI262	Bldg Tech 4 - Specification Writing and Quantity Surveying	2			<b>2</b>	ARCHI202, ARCHI201L, co-req ARCHI261L
_____ ARCHI261L	Bldg Tech 4 - Specification Writing and Quantity Surveying Lab		1	3	<b>1</b>	ARCHI202, ARCHI201L, co-req ARCHI262
_____ ARCHI272	Bldg Util 3 - Acoustics and Lighting Systems	2			<b>2</b>	ARCHI212, ARCHI211L, co-req ARCHI271L
_____ ARCHI271L	Bldg Util 3 - Acoustics and Lighting Systems Lab		1	3	<b>1</b>	ARCHI212, ARCHI211L, co-req ARCHI272
_____ ARCHI303	Plan 1 - Site Planning and Landscape Architecture	3			<b>3</b>	ARCHI191, ARCHI193L
_____ ARCHI311	CADD for Architecture 2	1			<b>1</b>	ARCHI241, ARCHI241L, co-req ARCHI311L
_____ ARCHI311L	CADD for Architecture 2 Lab		1	3	<b>1</b>	ARCHI241, ARCHI241L, co-req ARCHI311
_____ ENGG283	Theory of Structures	3			<b>3</b>	ENGG063A
_____ GEC043	The Contemporary World	3			<b>3</b>	
	<b>Total</b>	<b>18</b>	<b>6</b>	<b>18</b>	<b>24</b>	
<i>Note: Certificate in Computer-Aided Design and Drafting shall be granted upon completion of all professional courses from 1st year-1st semester to 3rd year-2nd semester.</i>						
<b>FOURTH YEAR, First Semester</b>						
_____ ARCHI293	Prof Prac 2 - Administering the Regular Services of the Architecture	3			<b>3</b>	ARCHI233
_____ ARCHI321	Archi Dsgn 7 - Community Architecture and Urban Design	1			<b>1</b>	ARCHI251, ARCHI253L, co-req ARCHI324L
_____ ARCHI324L	Archi Dsgn 7 - Community Architecture and Urban Design Lab		4	12	<b>4</b>	ARCHI251, ARCHI253L, co-req ARCHI321
_____ ARCHI332	Bldg Tech 5 - Alternative Building Construction Systems	2			<b>2</b>	ARCHI262, ARCHI261L, co-req ARCHI331L
_____ ARCHI331L	Bldg Tech 5 - Alternative Building Construction Systems Lab		1	3	<b>1</b>	ARCHI262, ARCHI261L, co-req ARCHI332
_____ ARCHI343	Plan 2 - Fundamentals of Urban Design and Community Architecture	3			<b>3</b>	ARCHI303
_____ ENGG293	Steel and Timber Design	3			<b>3</b>	ENGG283
_____ GEC003	Understanding the Self	3			<b>3</b>	
_____ GEC063	Purposive Communication	3			<b>3</b>	
_____ LQEC843	Letran Quality Enrichment Course 84	3			<b>3</b>	LQEC833
	<b>Total</b>	<b>21</b>	<b>5</b>	<b>15</b>	<b>26</b>	
<i>Note: Certificate in Building Technology and Utilities shall be granted upon completion of all professional courses from 1st year-1st semester to 4th year-1st semester.</i>						
<b>FOURTH YEAR, Second Semester</b>						
_____ ARCHI351	Archi Dsgn 8 - Design of Complex Structures	1			<b>1</b>	ARCHI321, ARCHI324L, co-req ARCHI354L
_____ ARCHI354L	Archi Dsgn 8 - Design of Complex Structures Lab		4	12	<b>4</b>	ARCHI321, ARCHI324L, co-req ARCHI351
_____ ARCHI363	Plan 3 - Introduction to Urban and Regional Planning	3			<b>3</b>	ARCHI343
_____ ARCHI373	Prof Prac 3 - Global Practice for the 21st Century	3			<b>3</b>	ARCHI293
_____ ARCHI383	Research Methods for Architecture	3			<b>3</b>	ARCHI321, ARCHI324L, GEC063
_____ ARCHI-SP1	Specialization Course 1	3			<b>3</b>	ARCHI321, ARCHI324L
_____ ENGG303	Architectural Structures	3			<b>3</b>	ENGG293
_____ GEC053	Art Appreciation	3			<b>3</b>	
	<b>Total</b>	<b>19</b>	<b>4</b>	<b>12</b>	<b>23</b>	
<b>FIFTH YEAR, First Semester</b>						
_____ ARCHI392	Housing	2			<b>2</b>	ENGG303
_____ ARCHI403	Business Management and Application for Architecture 1	3			<b>3</b>	co req ARCHI-SP2
_____ ARCHI411	Archi Dsgn 9 - Thesis Research Writing	1			<b>1</b>	ARCHI351, ARCHI354L, co-req ARCHI414L
_____ ARCHI414L	Archi Dsgn 9 - Thesis Research Writing Lab		4	12	<b>4</b>	ARCHI351, ARCHI354L, co-req ARCHI411
_____ ARCHI-SP2	Specialization Course 2	3			<b>3</b>	ARCHI-SP1, co req ARCHI403
_____ LQEC853	Letran Quality Enrichment Course 85	3			<b>3</b>	LQEC843
	<b>Total</b>	<b>12</b>	<b>4</b>	<b>12</b>	<b>16</b>	
<b>FIFTH YEAR, Second Semester</b>						
_____ ARCHI423	Business Management and Application for Architecture 2	3			<b>3</b>	ARCHI403
_____ ARCHI431	Archi Dsgn 10 - Thesis Research Application	1			<b>1</b>	ARCHI411, ARCHI414L, co-req ARCHI434L
_____ ARCHI434L	Archi Dsgn 10 - Thesis Research Application Lab		4	12	<b>4</b>	ARCHI411, ARCHI414L, co-req ARCHI431
_____ ARCHI-SP3	Specialization Course 3	3			<b>3</b>	ARCHI-SP2
	<b>Total</b>	<b>7</b>	<b>4</b>	<b>12</b>	<b>11</b>	
	<b>GRAND TOTAL</b>	<b>177</b>	<b>47</b>	<b>141</b>	<b>224</b>	