

**HOLY ANGEL UNIVERSITY**  
**COLLEGE OF ENGINEERING AND ARCHITECTURE**  
**BACHELOR OF SCIENCE IN ARCHITECTURE**  
**EFFECTIVE S.Y. 2010-2011**

| COURSE CODE   | COURSE NAME  | LEC HRS   | STUDIO/ LAB HRS | CREDIT UNITS | PREREQUISITE                   |
|---|--|-----------|-----------------|--------------|--------------------------------|
| <b>FIRST YEAR, FIRST SEMESTER</b>   |  |           |                 |              |                                |
| _____   | ADESIGN1 Architectural Design 1 - Introduction to Design   | 1         | 3               | 2            | NONE                           |
| _____   | AGRAPHICS1 Architectural Visual Communications 1 - Graphics1   | 1         | 6               | 3            | NONE                           |
| _____   | AVISTECH1 Architectural Visual Communications 2 - Visual Techniques 1                                    | 1         | 3               | 2            | NONE                           |
| _____   | THEARCH1 Theory of Architecture 1  | 3         | 0               | 3            | NONE                           |
| _____   | ARALGEBRA College Algebra  | 3         | 0               | 3            | NONE                           |
| _____   | PTRIGO Plane Trigonometry  | 3         | 0               | 3            | NONE                           |
| _____   | 1ENGLISH Reading and Writing   | 3         | 0               | 3            | NONE                           |
| _____   | 5THEO1 Doing Catholic Theology for Today's Filipino  | 3         | 0               | 3            | NONE                           |
| _____   | 5ORIENT Orientation  | 1         | 0               | 1            | NONE                           |
| _____   | 7SELECT Self-Testing Activities  | 2         | 0               | 2            | NONE                           |
| _____   | NSTP 1 National Service Training Program 1   |           |                 | 3            | NONE                           |
|   | <b>TOTAL</b>   | <b>21</b> | <b>12</b>       | <b>28</b>    |                                |
| <b>FIRST YEAR, SECOND SEMESTER</b>  |  |           |                 |              |                                |
| _____   | ADESIGN2 Architectural Design 2 - Creative Design Fundamentals   | 1         | 3               | 2            | ADESIGN1 & THEARCH1            |
| _____   | AGRAPHICS2 Architectural Visual Communications 3 - Graphics2   | 1         | 6               | 3            | AGRAPHICS1                     |
| _____   | AVISTECH2 Architectural Visual Communications 4 - Visual Techniques 2                                    | 1         | 3               | 2            | AVISTECH1                      |
| _____   | THEARCH2 Theory of Architecture 2  | 3         | 0               | 3            | THEARCH1                       |
| _____   | ARGEOM Analytic Geometry   | 2         | 0               | 2            | ARALGEBRA & PTRIGO             |
| _____   | SOLMEN Solid Mensuration   | 2         | 0               | 2            | ARALGEBRA & PTRIGO             |
| _____   | APHYSICS1 Physics 1  | 2         | 0               | 2            | ARALGEBRA & PTRIGO             |
| _____   | APHYSICS1L Physics 1 Laboratory  | 0         | 3               | 1            | Co-req: APHYSICS1              |
| _____   | 5THEO2 Christian Moral Living of Today's Filipino  | 3         | 0               | 3            | 5THEO1                         |
| _____   | 1SPEECH Speech & Oral Communications   | 3         | 0               | 3            | 1ENGLISH                       |
| _____   | 7RHYACT Fundamentals of Rhythmic Activities  | 2         | 0               | 2            | 7SELECT                        |
| _____   | NSTP 2 National Service Training Program 2   |           |                 | 3            | NSTP1                          |
|   | <b>TOTAL</b>   | <b>20</b> | <b>15</b>       | <b>28</b>    |                                |
| <b>SECOND YEAR, FIRST SEMESTER</b>  |  |           |                 |              |                                |
| _____   | ADESIGN3 Architectural Design 3 - Creative Design in Architectural Interiors                             | 1         | 6               | 3            | ADESIGN2 & THEARCH2            |
| _____   | AVISTECH3 Architectural Visual Communications 5 - Visual Techniques 3                                    | 1         | 3               | 2            | AVISTECH2                      |
| _____   | BLDGTECH1 Building Technology 1 - Building Materials   | 3         | 0               | 3            | NONE                           |
| _____   | HISTARCH1 History of Architecture 1  | 3         | 0               | 3            | NONE                           |
| _____   | ARINTERIOR Architectural Interiors   | 2         | 3               | 3            | THEARCH2                       |
| _____   | ARDIFFCAL Differential Calculus  | 2         | 0               | 2            | ARGEOM & SOLMEN                |
| _____   | APHYSICS2 Physics 2  | 2         | 0               | 2            | APHYSICS1 & APHYSICS1L         |
| _____   | APHYSICS2L Physics 2 Laboratory  | 0         | 3               | 1            | Co-req: APHYSICS2              |
| _____   | 3FILKOM Komunikasyon sa Akademikong Filipino   | 3         | 0               | 3            | NONE                           |
| _____   | 5THEO3 A Catholic View of Sexuality, Marriage & Family Life  | 3         | 0               | 3            | 5THEO2                         |
| _____   | 7FUNGAM Fundamentals of Games and Sports   | 2         | 0               | 2            | 7RHYACT                        |
|   | <b>TOTAL</b>   | <b>22</b> | <b>15</b>       | <b>27</b>    |                                |
| <b>SECOND YEAR, SECOND SEMESTER</b>   |  |           |                 |              |                                |
| _____   | ADESIGN4 Architectural Design 4 - Space Planning 1   | 1         | 6               | 3            | ADESIGN3                       |
| _____   | BLDGTECH2 Building Technology 2 - Construction Drawings in Wood, Steel and Concrete (1-Storey Structure) | 2         | 3               | 3            | BLDGTECH1<br>Co-req: BLDGUTIL1 |
| _____   | HISTARCH2 History of Architecture 2  | 3         | 0               | 3            | HISTARCH1                      |
| _____   | BLDGUTIL1 Building Utilities 1 - Plumbing & Sanitary Systems   | 3         | 0               | 3            | 2nd YR STANDING                |
| _____   | TROPBOT Tropical Botany  | 3         | 0               | 3            | NONE                           |
| _____   | ARINTECAL Integral Calculus  | 3         | 0               | 3            | ARDIFFCAL                      |
| _____   | SURV Surveying   | 2         | 0               | 2            | ARALGEBRA & PTRIGO             |
| _____   | SURVL Surveying Lab  | 0         | 3               | 1            | Co-req: SURV                   |
| _____   | 3FILBAS Pagbasa at Pagsulat Tungo sa Pananaliksik  | 3         | 0               | 3            | 3FILKOM                        |
| _____   | 5THEO4 A Theology of Social Transformation for the Filipino Catholic                                     | 3         | 0               | 3            | 5THEO3                         |
| _____   | 7REACT Recreational Activities   | 2         | 0               | 2            | 7FUNGAM                        |
|   | <b>TOTAL</b>   | <b>25</b> | <b>12</b>       | <b>29</b>    |                                |
| <b><i>"Certificate in Drafting Technology" shall be granted upon completion of all prescribed courses from 1st year - 1st semester to 2nd year-2nd semester."</i></b> |  |           |                 |              |                                |
| <b>THIRD YEAR, FIRST SEMESTER</b>   |  |           |                 |              |                                |
| _____   | ADESIGN5 Architectural Design 5 - Space Planning 2   | 1         | 9               | 4            | ADESIGN4                       |
| _____   | BLDGTECH3 Building Technology 3 - Construction Drawings in Wood, Steel and Concrete (2-Storey Structure) | 2         | 3               | 3            | BLDGTECH2 & BLDGUTIL1          |
| _____   | HISTARCH3 History of Architecture 3  | 3         | 0               | 3            | HISTARCH2                      |
| _____   | BLDGUTIL2 Building Utilities 2 - Electrical, Electronics & Mechanical Systems                            | 3         | 0               | 3            | APHYSICS2, APHYSICS2L          |
| _____   | PROPRAC1 Professional Practice 1 - Laws Affecting the Practice of Architecture                           | 3         | 0               | 3            | 3rd YR STANDING                |
| _____   | STATICS Statics of Rigid Bodies  | 3         | 0               | 3            | APHYSICS1, APHYSICS1L          |
| _____   | TROPDES Tropical Design  | 3         | 0               | 3            | APHYSICS2, APHYSICS2L          |
| _____   | 4PHILHIS Philippine History  | 3         | 0               | 3            | NONE                           |
| _____   | ENVISOC Science, Environment & Society   | 3         | 0               | 3            | NONE                           |
|   | <b>TOTAL</b>   | <b>24</b> | <b>12</b>       | <b>28</b>    |                                |

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|--|--|-----------|-----------------|--------------|---|
| <b>THIRD YEAR, SECOND SEMESTER</b>   |  |           |                 |              |   |
| _____  | ADESIGN6 Architectural Design 6 - Site Development Planning                            | 1         | 9               | 4            | ADESIGN5  |
| _____  | BLDGTECH4 Building Technology 4 - Specification Writing and Quantity Surveying         | 2         | 3               | 3            | BLDGTECH3   |
| _____  | HISTARCH4 History of Architecture 4  | 3         | 0               | 3            | HISTARCH3   |
| _____  | BLDGUTIL3 Building Utilities 3 - Acoustics & Lighting Systems                          | 3         | 0               | 3            | APHYSICS2, APHYSICS2L   |
| _____  | PROPRAC2 Professional Practice 2 - Administering the Regular Services of the Architect | 3         | 0               | 3            | PROPRAC1  |
| _____  | PLANNING1 Planning 1 - Site Planning & Landscape Architecture                          | 3         | 0               | 3            | SURV, SURVL & ENVISOC   |
| _____  | ARCADD1 Computer-Aided Design & Drafting for Architecture 1                            | 1         | 6               | 3            | AVISTECH3 & AGRAPHICS2  |
| _____  | MDEFBOD Mechanics of Deformable Bodies (Strength of Materials)                         | 3         | 0               | 3            | STATICS   |
| _____  | 1TECHCOM Technical Communication   | 3         | 0               | 3            | 1SPEECH   |
|  | <b>TOTAL</b>   | <b>22</b> | <b>18</b>       | <b>28</b>    |   |
| <b>THIRD YEAR SUMMER</b>   |  |           |                 |              |   |
| _____  | AROJT1 Architecture On-the-Job Training 1 (minimum of 160 hours)                       |           |                 | 2            | BLDGTECH4, BLDGUTIL3, ARCADD1 & ADESIGN6  |
| <b>FOURTH YEAR, FIRST SEMESTER</b>   |  |           |                 |              |   |
| _____  | ADESIGN7 Architectural Design 7 - Community Architecture and Urban Design              | 1         | 12              | 5            | ADESIGN6  |
| _____  | BLDGTECH5 Building Technology 5 - Alternative Building Construction Systems            | 2         | 3               | 3            | BLDGTECH3   |
| _____  | PROPRAC3 Professional Practice 3 - Global Practice in the 21st Century                 | 3         | 0               | 3            | PROPRAC2  |
| _____  | PLANNING2 Planning 2 - Fundamentals of Urban Design and Community Architecture         | 3         | 0               | 3            | PLANNING1   |
| _____  | ARCADD2 Computer-Aided Design & Drafting for Architecture 2                            | 1         | 6               | 3            | ARCADD1   |
| _____  | THESTRUCT Theory of Structures   | 3         | 0               | 3            | MDEFBOD   |
| _____  | ARSTATQ Selected Topics in Statistics and Quantitative Techniques                      | 2         | 0               | 2            | ARALGEBRA   |
| _____  | 5LOGIC Logic   | 3         | 0               | 3            | NONE  |
|  | <b>TOTAL</b>   | <b>18</b> | <b>21</b>       | <b>25</b>    |   |
| <b><i>"Certificate in Building Technology &amp; Utilities and Certificate in CADD shall be granted upon completion of all prescribed courses from 1st year - 1st semester to 4th year - 1st semester."</i></b> |  |           |                 |              |   |
| <b>FOURTH YEAR, SECOND SEMESTER</b>  |  |           |                 |              |   |
| _____  | ADESIGN8 Architectural Design 8 - Design of Complex Structures                         | 1         | 12              | 5            | ADESIGN7  |
| _____  | PLANNING3 Planning 3 - Introduction to Urban and Regional Planning                     | 3         | 0               | 3            | PLANNING2   |
| _____  | RMA Research Methods in Architecture   | 3         | 0               | 3            | 4th Yr. Standing & 1TECHCOM   |
| _____  | SPECIALZN1 Specialization 1  | 3         | 0               | 3            | see corresponding pre-req   |
| _____  | TPRENEUR Technopreneurship   | 2         | 0               | 2            | 4th Yr. Standing  |
| _____  | STLTIMBER Steel and Timber Design  | 3         | 0               | 3            | THESTRUCT   |
| _____  | 4GENSOC General Sociology  | 3         | 0               | 3            | NONE  |
| _____  | 4PHIGOV Politics & Governance with Philippine Constitution                             | 3         | 0               | 3            | 4PHILHIS  |
| _____  | 1INTLIT Introduction to Literature   | 3         | 0               | 3            | NONE  |
|  | <b>TOTAL</b>   | <b>24</b> | <b>12</b>       | <b>28</b>    |   |
| <b>FIFTH YEAR, FIRST SEMESTER</b>  |  |           |                 |              |   |
| _____  | ADESIGN9 Architectural Design 9 - Thesis Writing                                       | 1         | 12              | 5            | Completion of all basic engineering and professional courses from 1st yr - 4th yr level |
| _____  | ARCOMPRE Architecture Comprehensive Course   | 3         | 0               | 3            | Completion of all basic engineering and professional courses from 1st yr - 4th yr level |
| _____  | HOUSING Housing  | 3         | 0               | 3            | PLANNING2 & PROPRAC1  |
| _____  | SPECIALZN2 Specialization 2  | 3         | 0               | 3            | see corresponding pre-req   |
| _____  | ARSTRUCT Reinforced Concrete Design (Architectural Structures)                         | 3         | 0               | 3            | STLTIMBER   |
| _____  | 5PHILOMAN Philosophy of Man  | 3         | 0               | 3            | NONE  |
| _____  | PDPR Personality Development and Public Relations                                      | 1         | 0               | 1            | 5th yr. Standing  |
| _____  | AROJT2 Architecture On-the-Job Training 2 (minimum of 160 hours)                       |           |                 | 2            | AROJT1  |
|  | <b>TOTAL</b>   | <b>17</b> | <b>12</b>       | <b>23</b>    |   |
| <b>FIFTH YEAR, SECOND SEMESTER</b>   |  |           |                 |              |   |
| _____  | ADESIGN10 Architectural Design 10 - Thesis Application                                 | 1         | 12              | 5            | ADESIGN9  |
| _____  | SPECIALZN3 Specialization 3  | 3         | 0               | 3            | see corresponding pre-req   |
| _____  | PRINECO Principles of Economics with Taxation & Land Reform                            | 3         | 0               | 3            | NONE  |
| _____  | 4RIZAL Life and Works of Rizal   | 3         | 0               | 3            | NONE  |
| _____  | 4GENPSY General Psychology   | 3         | 0               | 3            | NONE  |
|  | <b>TOTAL</b>   | <b>13</b> | <b>12</b>       | <b>17</b>    |   |
| <b>SPECIALIZATION</b>  |  |           |                 |              |   |
| _____  | COMPLAN Community Planning Development   | 3         | 0               | 3            | PLANNING2   |
| _____  | URBANDES Urban Design  | 3         | 0               | 3            | ADESIGN7 & PLANNING2  |
| _____  | CONSMAN Construction Methods and Project Management                                    | 3         | 0               | 3            | BLDGTECH5 & PROPRAC3  |
| _____  | ARTOPICS Special Topics in Architecture  | 3         | 0               | 3            | ADESIGN7  |
| _____  | FBADMIN Facilities/Building Administration   | 3         | 0               | 3            | PROPRAC3  |
| _____  | GIS Graphic Information System   | 3         | 0               | 3            | SURV, SURVL   |