****

**Bachelor of Science Program in Integrated Design in**

**Emerging Architecture (International Program)**

**I.D.E.A. 4-year B.Sc. Program (Non-Professional Degree Program)**

 **STUDY PLAN**

**Study Plan for Bachelor of Science Program in**

**Integrated Design in Emerging Architecture (International Program)**

**Total credits 141 credit**

**First Year**

 **First Semester Credits**

|  |  |  |  |
| --- | --- | --- | --- |
| 801105 | ARCT 105 | Learning Through Activities 1 | 2(0-6-2) |
| 801106 | ARCT 106 | Learning Through Activities 2 | 1(0-3-1) |
| 804121 | ARCI 121 | History of Eastern Creative Arts and Architecture  | 3(3-0-6) |
| 804111 | ARCI 111 | Fundamental Design in Architecture Studio 1 | 5(1-8-6) |
| 001101 | ENGL 101 | Fundamental English 1 | 3 |
|  |  | Humanities and Social Science | 3 |
|  |  | Science and Mathematics | 3 |
| **Total** | **20** |

 **Second Semester Credits**

|  |  |  |  |
| --- | --- | --- | --- |
| 001102 | ENGL 202 | Fundamental English 2 | 3(3-0-6) |
| 804112 | ARCI 112  | Fundamental Design in Architecture Studio  | 5(1-8-6) |
| 804102 | ARCI 102 | Human Behavior and Built Environment | 3(3-0-6) |
|  |  | Science and Mathematics | 3 |
|  |  | Humanities and Social Science | 3 |
|  |  | Humanities and Social Science | 3 |
| **Total** | **20** |

**Second Year**

 **First Semester Credits**

|  |  |  |  |
| --- | --- | --- | --- |
| 804201 | ARCI 201 | Design Communication and Presentation  | 3(2-2-5) |
| 804211 | ARCI 211 | Creative Design in Architecture Studio 1 | 5(1-8-6) |
| 804221 | ARCI 221 | Perception of Architectural Space  | 3(3-0-6) |
| 804222 | ARCI 222 | History of Western Creative Arts and Architecture | 3(3-0-6) |
| 804231 | ARCI 231 | Materials and Construction 1 | 3(3-0-6) |
| 001201 | ENGL201 | Critical Reading and Effective Writing | 3 |
| **Total** | **20** |

 **Second Semester Credits**

|  |  |  |  |
| --- | --- | --- | --- |
| 001202 | ENGL 202 | English in Professional Contexts  | 3 |
| 804202 | ARCI 202 | Theory in Digital Communication and Creative Computer Aided Design | 3(2-2-5) |
| 804212 | ARCI 212 | Creative Design in Architecture Studio 2 | 5(1-8-6) |
| 804232 | ARCI 232 | Materials and Construction 2 | 3(1-4-4) |
| 804233 | ARCI 233 | Basic Building and Energy Systems | 3(1-4-4) |
| 804234 | ARCI 234 | Architectural Structure 1 | 3(1-4-4) |
| **Total** | **20** |

**Third Year**

 **First Semester Credits**

|  |  |  |  |
| --- | --- | --- | --- |
| 804311 | ARCI 311 | Creative Design in Architecture Studio 3 | 5(1-8-6) |
| 804321 | ARCI 321 | Theory and Philosophy of Postmodern Arts and Architecture | 3(3-0-6) |
| 804331 | ARCI 331 | Applied Building and Energy System | 3(1-4-4) |
| 804332 | ARCI 332 | Architectural Structure 2 | 3(2-2-5) |
| 804371  | ARCI 371 | Sustainable Urban Architecture and Communities  | 3(3-0-6) |
|  |  | Free Elective | 3 |
| **Total** | **20** |

 **Second Semester Credits**

|  |  |  |  |
| --- | --- | --- | --- |
| 804312 | ARCI 312 | Creative Design in Architecture Studio 4 | 5(1-8-6) |
| 804322 | ARCI 322 | Theory and Philosophy of Contemporary Thai Arts and Architecture | 3(3-0-6) |
| 804333 | ARCI 333 | Advanced Architectural Structure | 3(1-4-4) |
| 804372 | ARCI 372  | Integrated Fields and Systems in Architecture and Urbanism | 3(3-0-6) |
|  |  | Free Elective | 3 |
| **Total** | **17** |

**Fourth Year**

**Track 1**

 **First Semester Credits**

|  |  |  |  |
| --- | --- | --- | --- |
| 804411 | ARCI 411 | Selected Topics in Architectural Design Studio | 3(0-6-3) |
| 804481 | ARCI 481 | Architecture Internship  | 3(0-6-3) |
| **Total** | **6** |

 **Track 2**

 **First Semester Credits**

|  |  |  |  |
| --- | --- | --- | --- |
| 804482 | ARCI 482 | Cooperative Education | 6(0-30-0) |
| **Total** | **6** |

 **Second Semester (Both Track 1 and Track 2)**

 **Second Semester Credits**

|  |  |  |  |
| --- | --- | --- | --- |
| 804412 | ARCI 412 | Creative Design in Architecture Studio 5 | 6(1-10-7) |
| 804483 | ARCI 483 | Principle in Architecture Professional Practice  |  3(3-0-6) |
|  |  | Major Elective | 3 |
|  |  | Major Elective | 3 |
|  |  | Major Elective | 3 |
| **Total** | **18** |