



TROPICAL ARCHITECTURE, INTERIOR & GREEN DESIGN

Bali, a global travel gem, melds artistic traditional and contemporary architecture with Western nuances. Its hotels and villas showcase a harmonious East-West design synthesis, creating captivating aesthetics. The 15-week "Tropical Architecture, Interior & Green Design" program at Institut Desain & Bisnis Bali (IDB Bali) is tailored for international students and graduates seeking a distinctive semester abroad. This program delves into tropical "indoor-outdoor living," resort and hospitality architecture, the intricacies of furniture design, and eco-friendly construction using natural materials. Participants will develop innovative design concepts and gain firsthand insight into Indonesia's unique architecture through lectures, guest speakers, weekly excursions, and interactive workshops.

STRUCTURE

The course will inspire and involve participants with an intensive daily combination of lectures and discussions, excursions, workshops, cultural visits, and hands-on actions. Direct interaction with observations and interpretations of leading examples will help students to develop their own project ideas. All credits from the modules in this program are transferable to the European Credit Transfer System and other credit systems.

MODULES

1. Tropical Interior & SEA Architecture (5 ECTS)
2. Furniture Design (5 ECTS)
3. Natural Materials & Green Design (5 ECTS)
4. Architectural Sketching & Illustration (5 ECTS)
5. Indonesian Language & Culture of Bali (2 ECTS)
6. Design Project/Studio: Villa, Resort & Hospitality Design (8 ECTS)

EXCURSIONS & WORKSHOPS (TENTATIVE)

- Balinese Traditional Village Visits
- Industry/Manufacture Visits
- Resort & Villa Visits
- City Heritage Explores
- 3D & AI Workshop
- Architecture & Interior Studio Visits
- Bamboo Construction Workshop
- Balinese Art & Culture Workshops/Activities
- Surfing & Yoga Class
- Green Village & Bamboo Factory Visit
- Watercolor Workshop
- Social Activities

ELIGIBILITY

Bachelor students as well as master students in the fields of Architecture, Interior Architecture and related faculties are eligible to join the study abroad programme. Professionals are also welcome to participate in this course.



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ADMISSION REQUIREMENTS

All classes are held in English, so participants will be required to have a fluent understanding of the English language.

The program will not take any responsibility for the students' choice of a course level that is not suitable to their background and skills.

GRADING AND CURRICULUM

In Indonesia, the tertiary education system, including StudyInBali's programs, is overseen by the Ministry of Higher Education & Research. Our semester study abroad program is structured to offer up to 30 credit points, aligning with the European Credit Transfer System (ECTS). These credits are attainable through class participation, academic excursions/workshops, and student projects. It's important to note that while the program provides valuable learning experiences, it does not confer a degree.

CREDIT POINTS

The credits earned in our modules are primarily aligned with the ECTS but are also designed to be transferable to various international academic credit systems. For students from outside the EU, it is essential to verify the compatibility of these credits with your home institution. We advise initiating this process by consulting with your university's exchange coordinator, academic advisor, or a relevant professor. To facilitate credit recognition, a "Learning Agreement" should be completed. This agreement serves to clarify and streamline the preparation for your study abroad experience and ensures that the academic achievements gained in Bali are recognized and credited by your home university.

ASSESSMENT & MARKING

Students have to meet all assessment criteria to be eligible for the final markings. The criteria include:

- Minimum of 85% of the class, workshop and excursion attendance. (Students have to sign the attendance list every time participating in class/excursions.)
- Submit all required assignments
- Attend exam
- Show active participation and ability in soft skills

CERTIFICATES

Students will receive their official certificates from IDB Bali personally at the farewell. At the end of the program, students who satisfactorily have completed all course requirements will be awarded with certificates as follows:

- A certificate stating that the student has attended the 15-weeks course.
- An Academic Transcript showing the student performance on the program. The grades in the transcript are the final marks.
- A certificate stating that the student has participated in the workshop or certain academic excursions (on request).



MODULES

TROPICAL INTERIOR & SEA ARCHITECTURE

Lecturing Team	I Gede Arista, S.T., M.M., I.A.I. & Ni Kadek Yuni Utami, S.T., M.Ds.
Time	weekly
Duration	120-150 hours in total
Credit Points	5 ECTS
Department	Interior Design Department
Location	Institut Desain & Bisnis Bali (IDB Bali) Campus

COURSE DESCRIPTION

This course provides an overview of Tropical Interior and Southeast Asian Architecture with the scope of Interior design, architecture and landscape comprehensively and integrated. Southeast Asian Architecture, particularly Balinese culture, has generated a unique socio-culture adopting indigenous concepts and philosophies and generating contemporary architecture and built environment - as can be illustrated from residential to commercial buildings. This course includes knowledge about the ongoing Southeast Asian & Balinese contemporary design principles and living spaces.

LEARNING OBJECTIVES

Participants will gain a depth understanding of Tropical Interior and Southeast Asian Architecture within traditional socio-culture approaches. This course also will enrich students' knowledge about the ongoing Balinese contemporary design principles and living spaces.

ASSESSMENT

1. Student project: resort and hospitality design that integrates interior, architecture, and landscape (including site selection and observation that will be used as a project site)
2. Assignments:
 - case study of Interior Design, Southeast Asian Architecture and built environment (based on period, region, type of building, etc.): identify and analyze (report and presentation)
 - the development of Balinese contemporary interior architecture and built environment (residential and commercial building): identify and analyze the transformation (report and presentation)
 - re-design residential or commercial building using Balinese principle design and philosophies approaches: site analyze, design transformation, and design illustration (design report and presentation)
3. Excursion: Balinese traditional house(s) or palace(s), resort(s) and villa(s), and another range of commercial building(s)
4. Lecturing: class lecturing (Southeast Asian, including Balinese) socio-culture, Balinese design principles and philosophies, local regulation, case studies, etc.), FGD/seminar
5. Assessment indicators:
 - Active participation (attendance not less than 85%)
 - 25% from first assignment (group)
 - 30% from second assignment of student project presentation (individual)
 - 45% from final assignment of design project (individual)



MODULES

FURNITURE DESIGN

Lecturing Team	Putu Surya Triana Dewi, S.T., M.Ds. & Kadek Risna Puspita Giri, S.T., M.T
Time	Weekly
Duration	120 – 150 h
Credit Points	5 CP
Department	Interior Design Department
Location	Institut Desain & Bisnis Bali (IDB Bali) Campus

COURSE DESCRIPTION

This course provides an overview of Balinese traditional design principles and philosophies in furniture design, and the influence of Balinese contemporary architecture and interior design towards furniture design types, variations of materials, details and constructions. Students will get an opportunity to visit furniture manufacture(s) and workshop(s), also will have first-hand experience practically.

LEARNING OBJECTIVES

Students understand the implementation of Balinese traditional design principles and philosophies in furniture design, and the furniture design developments and manufactures in Bali, as well as direct experience in making furniture product.

ASSESSMENT

1. Student's project: design a set of furniture integrated with student's project/studio
2. Assignments:
 - classification of Balinese furniture design (based on period, function, material, etc.): identification and analyze the similarities and differences (report and presentation)
 - furniture design and manufacture (excursion): identification and analyze the similarities and differences (report and presentation)
 - furniture design and detail integrated with Tropical Interior Architecture assignment: design transformation, detail and construction (design report and presentation)
3. Excursion: traditional and/or contemporary furniture manufacture(s)
4. Lecturing: lecture class, FGD/seminar
5. Assessment indicators:
 - Active participation (attendance not less than 85%)
 - 30% from first assignment (group)
 - 30% from second assignment of student project presentation (individual)
 - 40% from final assignment of design project (individual)



MODULES

NATURAL MATERIALS & GREEN DESIGN

Lecturing Team	Marthyn Gunardi, S.T., M.T. & Dion Eko Prihandono, S.T., M.Sc.
Time	Weekly
Duration	120 – 150 h
Credit Points	5 CP
Department	Interior Design Department
Location	Institut Desain & Bisnis Bali (IDB Bali) Campus

COURSE DESCRIPTION

This course focuses to the variation of natural materials, textures, colors, and how it will be implemented into a tropical architecture and interior design. Material selection will be considered on the green design principles to support sustainable development purposes. Participants also will gain comprehensive knowledge through visiting a local bamboo manufacture and engage in practical workshops.

LEARNING OBJECTIVES

Participants will gain a broad understanding of local natural materials such as bamboo and wood, as well as the practice of material related tropical sustainability.

ASSESSMENT

1. Student's project: select natural materials that consider the green design aspect in Tropical Architecture & Interior Design
2. Assignments:
 - classification of natural materials that support green design and sustainable development purposes: identify and analyze (report and presentation)
 - material development and manufacturing (excursion): identify and analyze (report and presentation)
 - implement some natural materials that are considered green design and integrate with student project assignment: design transformation, detail, and construction (design report and presentation)
3. Excursion: local manufacture(s)
4. Lecturing: lecture class, FGD/seminar
5. Assessment indicators:
 - Active participation (attendance not less than 85%)
 - 30% from first assignment (group)
 - 30% from second assignment of student project presentation (individual)
 - 40% from final assignment of design project (individual)



MODULES

ARCHITECTURAL SKETCHING & ILLUSTRATION

Lecturing Team	I Putu Gede Suyoga, S.T., M.Si. & Kadek Angga Dwi Astina, S.Ds., M.Sn., ACP
Time	Weekly
Duration	120-150h
Credit Points	5CP
Department	Interior Design Department
Location	Institut Desain & Bisnis Bali (IDB Bali) Campus

COURSE DESCRIPTION

This course covers the theories and techniques of architectural sketching and illustration, and the Balinese style of sketching and design. In addition to manual sketching, this course covers digital sketching software (Adobe Photoshop and Adobe Illustrator), 3D modeling, and animation fundamentals.

LEARNING OBJECTIVES

Participants will understand the theory and techniques of sketching, especially in the Balinese art style. Participants will learn digital sketching & illustration basics.

ASSESSMENT

1. Student's project: students develop their project idea using architectural sketch and digital illustration
2. Assignments:
 - The line strokes quality
 - The implementation of figures – Ground senses in the rendering way
 - The implementation of material, color, and textures in final rendering
3. Excursion: outdoor sketching in Balinese Traditional Village(s) or City(s) Heritage
4. Lecturing: class lecturing, outdoor sketching
5. Assessment indicators:
 - Active participation (attendance not less than 85%)
 - 30% from first assignment (group)
 - 30% from second assignment of student project presentation (individual)
 - 40% from final assignment of design project (individual)



MODULES

INDONESIAN LANGUAGE & CULTURE OF BALI

Lecturing Team	I Putu Gede Suyoga, S.T., M.Si. & Kadek Angga Dwi Astina, S.Ds., M.Sn., ACP
Time	Weekly
Duration	120–150h
Credit Points	5CP
Department	Interior Design Department
Location	Institut Desain & Bisnis Bali (IDB Bali) Campus

COURSE DESCRIPTION

This course provides broad, basic knowledge about daily life in Bali. This study of life in Bali is based on a study of Balinese culture and communication, including the structure of Balinese and Indonesian language.

LEARNING OBJECTIVES

Participants will gain a broad understanding of daily life in Bali, and familiarity with Balinese culture, religion and spiritualism, society, language, and the cultural role design plays in Bali.

CONTENTS

- Indonesian greetings & Self-introduction
- Family members
- Indonesian alphabet
- Indonesian numbers
- Indonesian pronouns & Simple sentences
- Indonesian text & Questions
- Vocabularies & Word game
- Positive, negative, & interrogative statements
- REVIEW
 - MIDTERM TEST (120 min. written test)
- Holidays
- Future tense
- Colours & Human characters
- Exercise on rearranging colours and characters
- Dialogue
- Making requests
- Imperatives
- Indonesian verbs
- REVIEW
 - FINAL TEST (120 min. written/oral)

ASSESSMENT

1. Active participation (attendance not less than 85%)
2. 30% from short assignment (individual)
3. 35% from middle examination (individual)
4. 35% from final examination (individual)



MODULES

STUDENT PROJECT: VILLA, RESORT & HOSPITALITY DESIGN

Lecturing Team	Dr. Ngakan Ketut Acwin Dwijendra, S.T., M.A. & team
Time	Weekly
Duration	220-240 h
Credit Points	8 CP
Department	Interior Design Department
Location	Institut Desain & Bisnis Bali (IDB Bali) Campus

COURSE DESCRIPTION

Students will learn the basics of Villa, Resort & Hospitality Design in tropical countries, including types of resorts, their designs, facilities, concepts, programming and case studies that deal with the unique nature of resort, villa & hospitality. The course also examines the overall trends and impact of 'themed' concepts on resort design and technological change and, finally, the issue of ecological-friendly green architecture.

TOPIC

Based on this students will focus their studio projects on Villa, Resort and Hospitality Design in a tropical country and integrate the knowledge of the 4 Modules Tropical Interior & SEA Architecture, Furniture Design, Natural Materials & Green Design, Architectural Sketching & Illustration into their designs. The goal is to combine the aspects of local wisdom, tropical climate respect and green design with western design principles to meet ideal East-West harmony in Villa, Resort & Hospitality design.

Based on student's course level the task will be to design either a Tropical Villa or Resort, (Restaurant or Shop).

MATERIAL AND GRAPHIC

The project presentations will include sketches, drawings, diagrams, and other visual material including computational aids to verify each concept or idea. The Studio is meant to challenge the students' perception of their built environment. In the last 2 weeks of the Studio, students will work together creating three-dimensional animations.

DESIGN PROCESS

During the first 3 weeks, students will learn the basics of Tropical Resort & Hospitality design and are required to explore several themes before settling on one single idea or concept. The idea is to be self-critical, so that each student may observe and understand his/her own design process. Supervisors and tutors will be available for weekly consultation, but it is possible to meet the tutors more frequently (by appointment).

Programming steps to be discussed in the studio include (but are not limited to):

- Programming
- Design Development
- Design details



MODULES

STUDENT PROJECT: VILLA, RESORT & HOSPITALITY DESIGN

TIME LINE

Week 1: Project launch & Villa, Resort & Hospitality Design input

Week 2: Villa, Resort & Hospitality Design input

Week 3: Villa, Resort & Hospitality Design input & Programming I: the use and capacity Week 4: Site inspection

Week 6: Programming II: Site analyses, design philosophy, and concepts

Week 8: Architectural designs

Week 10: Perspectives and rendering (3D) Week 12: A3-size portfolio

Week 14: Submissions and presentations

ASSESSMENT

a. A3 Size portfolio consists of:

1. Process in designing /programming: the use, activities, sites, capacity, etc. 2. Transformation concepts: ideas, philosophy, analyses
2. Architectural designs: floor plans, elevations, sections, principal details
3. 3D perspectives (renderings): interior and exterior perspectives
4. 1 page (A3-size) portfolio demonstrating the whole process of designing

b. active participation (no less than 85%)