DEPARTMENT OF ARCHITECTURE AND INTERIOR ARCHITECTURE

Architectural Planning and Design
- Conceptualization
- Architectural Design Planning Strategies
- Design of public, academic, healthcare, industrial and housing buildings, Airports, and Residential Buildings
- Production of working drawings and tendering process
- Creative Design Thinking Tools and Techniques
- Design Thinking Processes

Interior Architectural planning and design
- Furniture Design and Industrial Production
- Interior Architectural Design Planning Strategies

Urban planning and design
- Urban Analysis, Planning, and Design
- Training in urban planning and design
- Consultation on different projects in urban planning to yield results dealing with Master plans and strategic plans in different cities and regions
- Urban Regeneration
- Urban and Regional Planning
- Planning of Spatial Systems
- Planning of Mega Projects
- Transport Planning and Transport Impact Assessment TIA
- Geographic Information Systems GIS Applications

Landscape Design
- Landscape Design
- Landscape Architecture Presentation
- Soft-scape and plants Design
- Landscape Architecture (Design concept)
- Keriscaping
- Landscape construction

Urban Regeneration and Heritage Conservation
- Architectural Heritage conservation
- Risk Management of cultural heritage sites
- Conservation materials (stone and mortar)
- Preventive Conservation
- Urban conservation of historic centers of buildings
- preparation of world heritage folders for inscription

Acoustics and Lighting design
- Acoustics and sound
- Lighting design

Green Architecture
- Green buildings evaluation and assessment
- Jordan Green Building Guide and rating system
- Assessment and evaluation for incentives process
- Energy modeling and simulation for energy efficiency in architecture

Computer Technologies
- CAD, Revit Architecture, 3D Max, Adobe Photoshop, Illustrator, In-design, Rhino

Utility Planning and design
- Utility Planning in buildings
- Storm water & Bio swales management in site plans

Structural Systems and Construction
- Building material
- Structural soft wares
- Analysis of Structural systems, non linear, static/dynamic analysis, pushover analysis, performance based design methods, fiber reinforced concrete
- Construction of different systems and site supervision.
- Building technologies and detailing
- Architectural research and Management
- Project management and decision making skills
- Site management
- Development planning assessment & Strategy building
- Qualitative and quantitative assessment of significance
- Promoting and developing Teaching methods and learning outcomes in relation to exchange of ideas, knowledge transfer and learning from different planning cultures
- Building permission regulations
DEPARTMENT OF DESIGN AND VISUAL COMMUNICATION

Design Research and Critical Design
- Critical Design
- Design Thinking
- Resource Planning
- Conceptualization: Concept development evaluation and testing
- Exhibition Design

Product development and Design
- Product Design Planning Strategies
- Quality Assurance for Industry
- Ergonomics and Ergonomics analysis of products
- Product manufacturing processes and design for manufacturing
- Materials science for product designs
- Design for product safety and survivability
- Design for reliability / Maintainability
- Model making and Experience prototyping
- Product design history
- Industrial / Product Design
- Textile Design: traditional weaving, Contemporary accessories using crafts. Product development (in textiles) and finished product
- App Design

Animation, Film and TV Production and Design
- 2D and 3D Animation
- Visual Communication
- Film directing (various field's as fiction, documentary, commercial, image film, music video, industrial film)
- TV Production (Shows, News, Magazines)
- Storyboarding and developing use case scenarios
- Screenwriting
- Script doctoring
- Dramaturgy
- Concept developing
- Film science, Film history, Film theory
- Photography
- Cinematography
- Sound Engineering, Studio and on set
- Production of Radio plays, Radio commercials
- Editing and Montage

Design Programs
- 3D Design
- Rapid Prototyping
- Photoshop, Illustrator, In-design and Computer software's related to design

Freehand Rendering and Presentation
- Freehand Graphic art presentation
- Free hand Rendering Techniques

CONTACT INFO

School of Architecture and Built Environment
Jabal Amman
Darat Othman Bdeir
S1 - Third floor

Dr. Janset Shawash
Vice Dean for School of Architecture and Built Environment
janset.shawash@gju.edu.jo
+962 6 429 4444