



New Student Information System

User Manual

User Account: College dean

Function: Academic Tree

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1-System Overview

From the viewing menu, the college dean can select the screen “**Academic Tree**” to view the academic tree for viewing only..

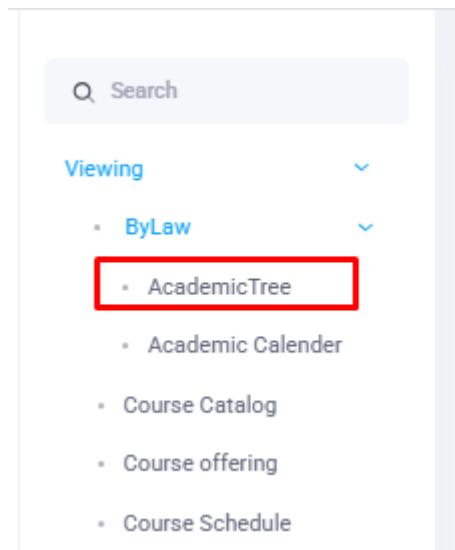


Figure 1 – academic tree

2. Introduction

The *Academic Tree* interface allows users to navigate, view, and manage hierarchical academic structures—such as universities, colleges, departments, programs, and study levels.

The left panel displays the **tree structure**, and the right panel shows the **details of the selected entity**.

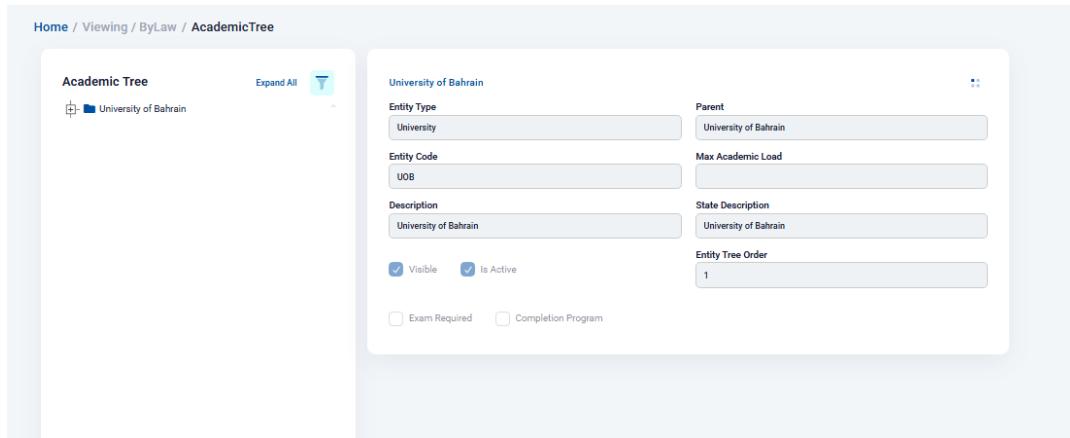


Figure 2 – Academic Tree view

3. Academic Tree Panel (Left Side)

Academic Tree

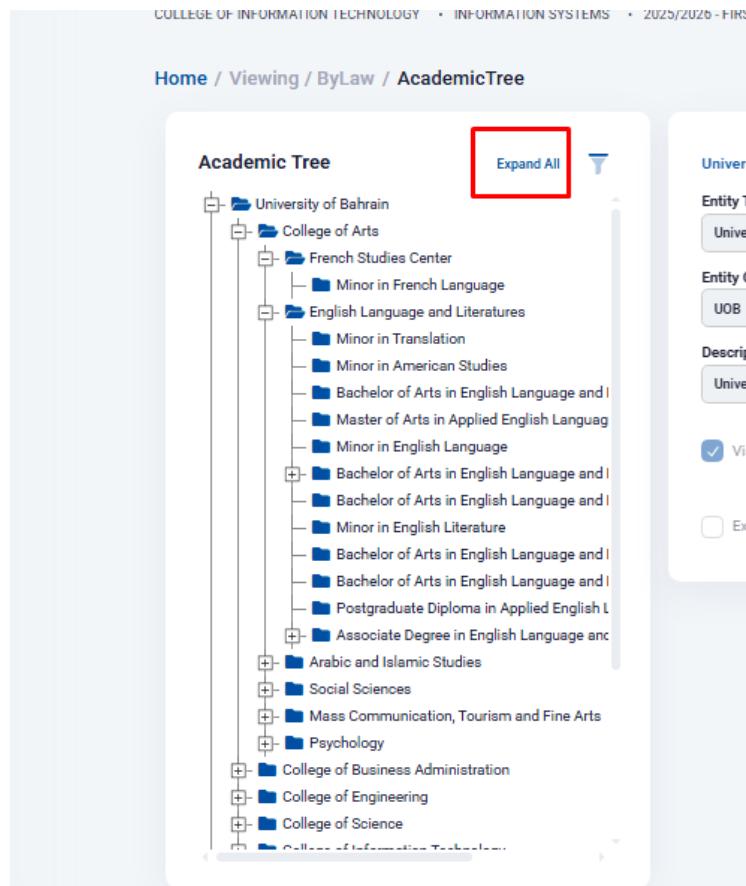
Displays the full hierarchy of academic entities in expandable and collapsible branches.

Tree Components

Each item in the tree represents an academic entity such as:

- University
- College
- Department
- Program
- Major / Minor
- Study Levels (e.g., First Year, Second Year)

Selecting any entity loads its details on the right side of the screen.



The screenshot shows a hierarchical tree structure for academic entities. The root node is 'University of Bahrain', which branches into 'College of Arts', 'French Studies Center', 'English Language and Literatures', 'College of Business Administration', 'College of Engineering', and 'College of Science'. 'French Studies Center' contains 'Minor in French Language'. 'English Language and Literatures' contains 'Minor in Translation', 'Minor in American Studies', 'Bachelor of Arts in English Language and Literature', 'Master of Arts in Applied English Language', and 'Minor in English Language'. 'College of Arts' contains 'Bachelor of Arts in English Language and Literature', 'Bachelor of Arts in English Language and Literature', 'Minor in English Literature', 'Bachelor of Arts in English Language and Literature', 'Bachelor of Arts in English Language and Literature', 'Postgraduate Diploma in Applied English Language', and 'Associate Degree in English Language and Literature'. 'Arabic and Islamic Studies' is also listed under 'College of Arts'. 'Social Sciences' contains 'Mass Communication, Tourism and Fine Arts' and 'Psychology'. The 'Expand All' button is located in the top right corner of the tree panel.

Figure 3 – Expand All

Expand All

Expands all levels of the academic hierarchy so the user can view every entity at once



The screenshot shows a form for managing an entity. The entity type is 'University' (selected in a dropdown), with 'University of Bahrain' as the parent. The entity code is 'UOB'. The description is 'University of Bahrain'. The state description is also 'University of Bahrain'. The entity tree order is '1'. There are checkboxes for 'Visible' (checked) and 'IsActive' (checked). There are also checkboxes for 'Exam Required' and 'Completion Program'.

Figure 4 – Entity details

4. Entity Details Panel (Right Side)

When an academic entity is selected from the tree, its information appears in the detail form.

Entity Type

Indicates the category of the selected academic entity (e.g., University, College, Department, Program).

Used to identify the structural role of the entity within the hierarchy.

Entity Code

A short code used to identify the entity in the system.

Useful for search, reporting, and integration with other academic modules.

Description

A text field providing the full or formal name of the entity.

Displayed in academic lists and internal system references.

Parent

Shows the entity directly above the selected item in the hierarchy.

Defines where the entity belongs within the academic structure.

Max Academic Load

Specifies the maximum allowed academic load related to the selected entity.

(Exact behavior depends on institutional rules; not elaborated here.)

State Description

Displays an alternative or internal description of the entity.

Often used for administrative or reporting clarity.

Entity Tree Order

Determines the display order of the entity among its siblings in the tree.

Lower numbers appear first.