

Academic Plan – Database Documentation

Academic Plan

The Academic Plan entity represents a structured timeline for completing a predefined degree plan. It organizes degree requirements into specific academic terms (such as semesters or quarters) and provides a term-by-term roadmap for student progression. Academic plans support academic advising, enrollment planning, degree completion tracking, and institutional reporting. These plans may vary based on factors such as start term, student type, and enrollment pacing.

Related Entities

The Academic Plan entity is related to the following business entities:

- **Degree Plan**
The curriculum structure upon which the academic plan is built.
 - **Student**
The individual assigned to an academic plan.
 - **Year Term Sub Term**
Represents the academic periods (for example Fall terms or subterms) used to organize courses and requirements within the plan.
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Key Tables

AvAcademicDefaultPlan

Table Description

The AvAcademicDefaultPlan table defines the overall structure of an academic plan by mapping a degree plan to a sequence of academic terms. It establishes the default term-by-term sequence in which students are expected to complete degree requirements. This table serves as the foundation for assigning academic plans to students.

Key Columns

- **PlanName**
The human-readable name of the academic plan.
- **YEAR_DEF_APPID**
Foreign key to the Year_Def table identifying the academic year in which the plan is valid.
- **DEGREE_AIM_XREF_MASTER_APPID**
Foreign key linking the academic plan to the associated degree aim (such as major, minor, or concentration).

Other Important Columns

- **APPID**
The unique identifier of the academic plan record.
- **GOID**
The global object identifier used for cross-system reference.

Relationships to Other Tables

- **DEGREE_AIM_XREF_MASTER**
Associates the academic plan with the degree plan defining the curriculum structure.
- **AvAcademicDefaultPlanDetail**
Contains the advising requirements scheduled across the academic plan time periods.

AvAcademicDefaultPlanDetail

Table Description

The AvAcademicDefaultPlanDetail table defines the individual requirements that make up an academic plan. Each record represents a requirement such as a course group, elective, or milestone assigned to a specific term or subterm. This table connects academic plans to advising requirements and enables term-by-term planning and progress tracking.

Key Columns

- **AVAcademicDefaultPlanAppID**
Foreign key linking to the parent academic plan (AvAcademicDefaultPlan).

- **ADV_TREE_TABLE_APPID**
Foreign key referencing the advising tree requirement to be completed.
- **AVPlanTimePeriodAppID**
Foreign key identifying the time period (term or subterm) in which the requirement is scheduled.
- **SortOrder**
Determines the display or processing order of requirements within a time period.
- **GroupingCode**
Optional code used to group related requirements within a term.
- **ExcludeFromPlan**
Indicates whether the requirement should be excluded from planning tools while remaining part of the degree plan logic.

Other Important Columns

- **APPID**
The unique identifier of the academic plan detail record.

Relationships to Other Tables

- **AvAcademicDefaultPlan**
Identifies the parent academic plan.
- **ADV_TREE_TABLE**
Provides the advising requirement associated with the academic plan detail.
- **AVPlanTimePeriod**
Identifies the academic term or time period when the requirement is scheduled.

AVPlanTimePeriod

Table Description

The AVPlanTimePeriod table defines the academic time periods used within an academic plan. Each record represents a specific term or subterm in which one or more advising requirements are scheduled. This table provides the chronological structure of the academic plan.

Key Columns

- **AVAcademicDefaultPlanAppID**
Foreign key linking to the academic plan associated with the time period.
- **YR_TRM_SBTRM_TABLE_APPID**
Foreign key referencing the year, term, and subterm combination.
- **YEAR_TERM_TABLE_APPID**
Foreign key referencing the academic year and term definition.

Other Important Columns

- **AppID**
The unique identifier of the time period record.

Relationships to Other Tables

- **AvAcademicDefaultPlan**
Identifies the parent academic plan.
- **YR_TRM_SBTRM_TABLE**
Provides detailed term and subterm information.
- **YEAR_TERM_TABLE**
Provides the academic year and term definitions.
- **AvAcademicDefaultPlanDetail**
Uses this table to assign requirements to specific time periods.

AvAcademicDefaultPlanStatus

Table Description

The AvAcademicDefaultPlanStatus table tracks the status history of an academic plan throughout its lifecycle. This includes stages such as creation, review, and publication. The table supports workflow management and version control of academic plans.

Key Columns

- **AVAcademicDefaultPlanAppID**
Foreign key linking to the academic plan whose status is being tracked.
- **AVPlanStatusDefAppID**
Foreign key referencing the status definition.

- **StartDate**
The date and time when the status became effective.
- **EndDate**
The date and time when the status ended. This value is null if the status is currently active.

Other Important Columns

- **APPID**
The unique identifier of the status record.
- **PartyAppID**
Identifier of the user, administrator, or role responsible for the status change.

Relationships to Other Tables

- **AvAcademicDefaultPlan**
Identifies the academic plan associated with the status.
- **AvPlanStatusDef**
Provides the descriptive status definition.
- **Party**
Identifies the individual or system responsible for the change.

AvPlanStatusDef

Table Description

The AvPlanStatusDef table defines the possible statuses that may be assigned to academic plans. Each status represents a stage in the academic plan lifecycle.

Key Columns

- **InternalName**
The system name used to reference the status programmatically.

Key Column Values (Status Codes)

InternalName values include:

- **DRAFT**
The plan is in development and not ready for assignment.

- **READYTOPUBLISH**
The plan is complete but requires final review before assignment.
- **SHARED**
The plan has been shared for review but is not ready for assignment.
- **PUBLISHED**
The plan is finalized and available for assignment to students.
- **NEEDSREVIEW**
The plan requires review due to changes in the degree plan or related structure.

Additional Columns

- **Description**
Human-readable description of the status.
- **Active**
Indicates whether the status is currently active.

Key Column Values (Active)

- **True**
Status is active.
- **False**
Status is inactive.

Other Important Columns

- **APPID**
The unique identifier of the status definition record.

Relationships to Other Tables

- **AvAcademicDefaultPlanStatus**
Uses this table to assign descriptive statuses to academic plans.
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