

## Advisement Tables in the Data Warehouse

There are currently eighteen Academic Advisement tables in the data warehouse. The tables fit into three general types:

- 1) Academic Advisement Report (AAR) Results Tables
- 2) Student Exception Tables
- 3) Requirement Tables

### ***Academic Advisement Report (AAR) Results Tables***

These tables parallel tables within PAWS that feed data into the Academic Advisement Report (AAR). The AAR is the new interactive advisement report, which is accessible to students, faculty, and staff in PAWS, separate from the transcript-based Degree Progress Report (DPR), which is only accessible to staff in PAWS.

Prior to using the data in any of the AAR results tables, it is critical that the user ensures the data in the PAWS tables has been refreshed. The data in the PAWS tables that feed into the AAR is only refreshed when a report is processed; for instance, if a report has not been processed for or by a student in six months, the data in the AAR results tables will be six months old for that student.

To ensure the data is refreshed in the PAWS tables, the user should coordinate with the Academic Advisement functional lead in the Registrar's Office (currently Brian Hinshaw, [bhinshaw@uwm.edu](mailto:bhinshaw@uwm.edu)) to have any applicable reports processed in batch the day before the data is used in the warehouse tables.

Examples of how the AAR results tables could be used include checking the requirement status of students (satisfied vs. unsatisfied), generating a report on major GPA for select students, and projecting course demand based on what courses in a particular program or major still need to complete.

The following data warehouse tables apply to the AAR results:

- VU\_REC\_SAA\_ADB\_RESULTS: This is the main table associated with the AAR report results. It is possible that this is the only table necessary to get useable data from the AAR results tables. Key fields include status of requirements (at each level: Requirement Group, Requirement, and Line), courses/credits still needed for completion, and requirement GPA (useful for major GPA calculations).
- VU\_REC\_SAA\_ADB\_REPORT: This table includes basic data on the report, such as when the report was processed. Useful for knowing when the data for a report was last refreshed.
- VU\_REC\_SAA\_ADB\_CRSEAVL: This table provides information on courses that are still available to complete unsatisfied requirements. The data is only useful if a particular setting is used on the requirement (Display Select Line). This could be useful to find out what courses still need to complete for requirements.
- VU\_REC\_SAA\_ADB\_CRSEUSE: This table identifies what courses that have been used to satisfy specific course requirements on the report.
- VU\_REC\_SAA\_ADB\_COURSES: This table provides detailed information on the courses that are being used to satisfy requirements on the report.
- VU\_REC\_SAA\_ADB\_CONDUSE: This table provides information on conditions (e.g., Milestones) that have been used to satisfy condition requirements on the report.

- VU\_REC\_SAA\_ADB\_WHATIF: This table provides information on what-if reports that have been processed for a student. A what-if report takes the student's record and applies it to requirements for a program/plan/subplan other than their own.
- VU\_REC\_SAA\_RPT\_RQST: This table provides detailed data on the request to process the report.

### ***Student Exception Tables***

These tables provide information on Student Exceptions that have been entered for students, programs, plans, or student groups. Student Exceptions are modifications to the requirements for an academic program, plan, or sub-plan. Student exceptions are most commonly entered for individual students.

The Student Exception tables include static data from PAWS, meaning the reports do not need to be refreshed for the data to be current. Only the most current effective-dated rows on active Student Exceptions are included.

Examples of how the Student Exception tables could be used include a report on all of the exceptions completed for a specified group of students and an analysis of all of the exceptions entered on a particular requirement or set of requirements (useful for determining if program requirements should be modified).

The following data warehouse tables apply to the Student Exception tables:

- VU\_REC\_SAA\_OVERRIDE: This is the main table with basic Student Exception data including the description of the exception, who/what the exception applies to, the type of exception (course directive, requirement change, or requirement waiver), and at what level of the requirements the exception is being directed (program, plan, or sub-plan).
- VU\_REC\_SAA\_OVRD\_WHERE: This table specifies the requirement group, requirement, requirement line, and, if applicable, course list to which the Student Exception applies.
- VU\_REC\_SAA\_OVRD\_DATA: This table specifies Student Exceptions made to the parameters (e.g., # of required credits or courses) of a requirement group, requirement, or requirement line; this almost exclusively applies to Requirement Change exceptions.
- VU\_REC\_SAA\_OVRD\_CRSDATA: This table provides detailed course information on Course Directive exceptions; no data will be included for Requirement Change or Requirement Waiver exceptions.

### ***Requirement Tables***

These tables provide description and set-up information on the requirement groups, requirements, and requirement lines that exist in the Academic Advisement module in PAWS.

The Requirement tables include static data from PAWS, meaning the reports do not need to be refreshed for the data to be current. Only the most current effective-dated rows on active requirement groups, requirements, and requirement lines are included.

Generally, these tables will be most useful when linked to the Report Results tables and the Student Exception tables as a means for pulling requirement descriptions into those reports. However, an example of how to use these tables independently is checking on the set-up of existing requirement groups, requirements, or requirement lines for a particular program/plan/sub-plan.

The following data warehouse tables apply to the Requirement tables:

- VU\_REC\_SAA\_CLST\_DETL\_TBL: This table provides description and set-up detail information for Class Lists.
- VU\_REC\_SAA\_RQ\_GRP\_DETL\_TBL: This table provides description and set-up detail information for Requirement Groups.
- VU\_REC\_SAA\_RQ\_LN\_DETL\_TBL: This table provides description and set-up detail information for Requirements.
- VU\_REC\_SAA\_RQ\_GRP\_TBL: This table provides description and set-up information for Requirement Groups.
- VU\_REC\_SAA\_RQ\_MAIN\_TBL: This table provides description and set-up information for Requirements.
- VU\_REC\_SAA\_RQ\_LINE\_TBL: This table provides description and set-up information for Requirement Lines.