
PeopleSoft Academic Advisement 9.0 PeopleBook

March 2012

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PeopleSoft Academic Advisement Preface

This preface discusses:

- PeopleSoft Products
- PeopleSoft Application Fundamentals.
- PeopleBook structure.

PeopleSoft Products

This PeopleBook refers to the following PeopleSoft product: PeopleSoft Academic Advisement.

PeopleSoft Application Fundamentals

Additional, essential information describing the setup and design of your system appears in two companion volumes of documentation called *PeopleSoft Campus Solutions 9.0 Application Fundamentals PeopleBook* and *PeopleSoft Campus Community Fundamentals 9.0 PeopleBook*. Each PeopleSoft application line has its own version of this documentation.

Note. One or more pages in Academic Advisement operate in deferred processing mode. Deferred processing is described in the preface in the *PeopleSoft Campus Solutions 9.0 Application Fundamentals PeopleBook*.

See *PeopleSoft Campus Solutions 9.0 Application Fundamentals PeopleBook*, "PeopleSoft Campus Solutions Preface," Deferred Processing.

PeopleBook Structure

PeopleSoft PeopleBooks follow a common structure. By understanding this structure, you can use this PeopleBook more efficiently.

The PeopleBooks structure conveys a task-based hierarchy of information. Each chapter describes a process that is required to set up or use the application. Chapter sections describe each task in the process. Subsections within a section describe a single step in the process task.

Some PeopleBooks may also be divided into parts. PeopleBook parts can group together similar implementation or business process chapters within an application or group together two or more applications that integrate into one overall business solution. When a book is divided into parts, each part is divided into chapters.

The following table provides the order and descriptions of chapters in a PeopleBook

Chapters	Description
Preface	<p>This is the chapter you're reading now. It explains:</p> <ul style="list-style-type: none"> • How to use the Application Fundamentals book. • How PeopleBooks are structured. • Common elements used in the PeopleBook, if necessary.
Getting Started With...	<p>This chapter discusses application implementation guidelines. It explains:</p> <ul style="list-style-type: none"> • The business processes documented within the book. • Integrations between the application and other applications. • A high-level documentation to how our documentation maps to the overall implementation process; it doesn't offer step-by-step guidance on how to perform an actual implementation.
Navigation	<p>(Optional) Some PeopleSoft applications provide custom navigation pages that contain groupings of folders that support a specific business process, task, or user role. When an application contains custom navigation pages, this chapter provides basic navigation information for these pages.</p> <p>Note. Not all applications have delivered custom navigation pages.</p>
Understanding...	<p>(Optional) This is an introductory chapter that broadly explains the application and the functionality within the application.</p>
Setup and Implementation	<p>This can be one or more chapters. These chapters contain documentation to assist you in setting up and implementing the application. For example, if functionality X is part of an application, this chapter would be devoted to explaining how to set up functionality X, not necessarily how to use functionality X. You would look to the corresponding business process chapter to learn how to use the functionality.</p> <p>Note. There may be times when a small amount of business process information is included in a setup chapter if the amount of business process documentation was insufficient to create a separate section in the book.</p>

Chapters	Description
Business Process	<p>This can be one or more chapters. These chapters contain documentation that addresses specific business processes with each chapter generally devoted to a specific functional area. For example, if functionality X is part of an application, this chapter would be devoted to explain how the functionality works, not necessarily how to set up functionality X. You would look to the corresponding setup and implementation chapter to learn how to set up the functionality.</p> <p>Note. There may be times when a small amount of setup and implementation information is included in a business process chapter if the amount of setup and implementation documentation was insufficient to create a separate chapter in the book.</p>
Appendixes	(Optional) If the book requires it, one or more appendixes might be included in the book. Appendixes contain information considered supplemental to the primary documentation.
Delivered Workflow Appendix	<p>(Optional) The delivered workflow appendix describes all of the workflows that are delivered for the application.</p> <p>Note. Not all applications have delivered workflows.</p>
Reports Appendix	(Optional) This appendix contains an abbreviated list of all of the application's reports. The detailed documentation on the use of these reports is usually included in the related business process chapter.

PeopleBooks and the PeopleSoft Online Library

A companion PeopleBook called *PeopleBooks and the PeopleSoft Online Library* contains general information, including:

- Understanding the PeopleSoft online library and related documentation.
- How to send PeopleSoft documentation comments and suggestions to Oracle.
- How to access hosted PeopleBooks, downloadable HTML PeopleBooks, and downloadable PDF PeopleBooks as well as documentation updates.
- Understanding PeopleBook structure.
- Typographical conventions and visual cues used in PeopleBooks.

- ISO country codes and currency codes.
- PeopleBooks that are common across multiple applications.
- Common elements used in PeopleBooks.
- Navigating the PeopleBooks interface and searching the PeopleSoft online library.
- Displaying and printing screen shots and graphics in PeopleBooks.
- How to manage the locally installed PeopleSoft online library, including web site folders.
- Understanding documentation integration and how to integrate customized documentation into the library.
- Application abbreviations found in application fields.

You can find *PeopleBooks and the PeopleSoft Online Library* in the online PeopleBooks Library for your PeopleTools release.

Chapter 1

Getting Started with Academic Advisement

This chapter discusses:

- Academic Advisement overview.
- Academic Advisement business processes.
- Academic Advisement integrations.
- Academic Advisement implementation.

Academic Advisement Overview

Academic Advisement is the application within PeopleSoft Campus Solutions that is used to track the requirements and policies that a student must satisfy in order to graduate. As a student progresses towards graduation, the Academic Advisement audit engine analyzes all courses, restrictions, pre-conditions, or conditions completed (both successfully and unsuccessfully) by the student. The application determines what requirements are still outstanding. Using data specified on PeopleSoft Student Records pages and requirements entered on Academic Advisement pages, this application automatically tracks a student's degree progress. Academic Advisement is separated into two parts: how to enter requirements into the system using the appropriate pages and how to analyze student data against the requirements in order to report degree progress.

Academic Advisement Business Processes

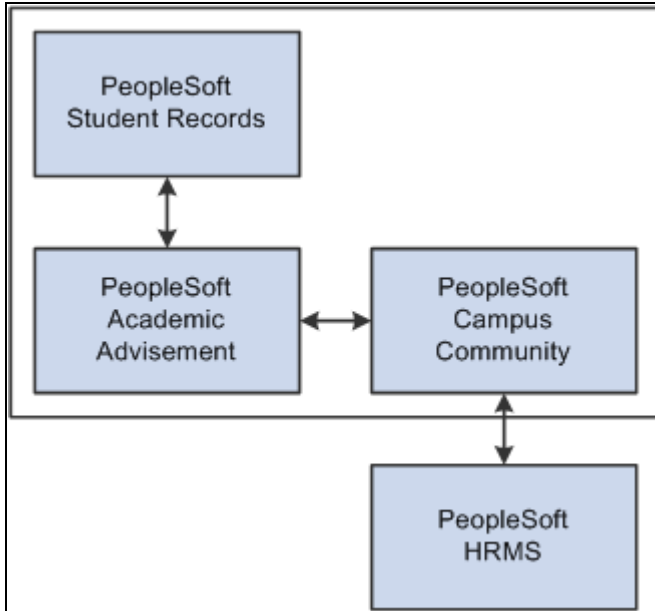
Academic Advisement provides these business processes:

- Define and track graduation requirements.
- Design degree audit reports.
- Evaluate student degree progress.

We discuss these business processes in the business process chapters in this PeopleBook.

Academic Advisement Integrations

Academic Advisement integrates with these PeopleSoft applications:



Academic Advisement integrations

The relational design of Academic Advisement makes the order by which you reach decisions not necessarily the same as the order in which you enter information into the online tables. Although various tables may be considered as a group when making important implementation decisions, you must establish data in some tables before working on other tables.

It is important to note that Academic Advisement shares three of its components with PeopleSoft Student Records. Specifically, the following components call upon the same autonumbering record in the Student Admin Installation component:

- Academic Requirement Groups and Enrollment Requirement Groups (both reference the Last Requirement Group field value).
- Academic Requirements and Enrollment Requirements (both reference the Last Requirement ID field value).
- Academic Course Lists and Enrollment Course Lists (both reference the Last Course List Sequence field value).

Because the two applications call upon the same autonumbering records in the Student Admin Installation component, this is a critical thing to consider if you plan to implement one application before the other. If you go live with PeopleSoft Student Records in a production database, while setting up your Academic Advisement data in a test database, you may inadvertently create data with duplicate record numbers (if you use autonumbering). This will cause serious problems when you attempt to merge the two sets of data into one database.

One way to avoid this scenario would be to come up with a consistent method of moving data from your test environment to your production environment. Either always create your data in the same database (test or production), or set aside specific ranges of numbers and assign these manually when you create any of the three components that share autonumber record values.

See Also

PeopleSoft Campus Solutions 9.0 Application Fundamentals PeopleBook, "Reviewing Installation Setup and System Defaults," Selecting Student Administration Installation Options

Academic Advisement Implementation

PeopleSoft Setup Manager enables you to generate a list of setup tasks for your organization based on the features that you are implementing. The setup tasks include the components that you must set up, listed in the order in which you must enter data into the component tables, and links to the corresponding PeopleBook documentation.

Other Sources of Information

In the planning phase of your implementation, take advantage of all PeopleSoft sources of information, including the installation documentation, data models, business process maps, and troubleshooting guidelines.

See Also

PeopleSoft Campus Solutions 9.0 Application Fundamentals PeopleBook, "PeopleSoft Campus Solutions Preface"

PeopleTools PeopleBook: PeopleSoft Setup Manager

PeopleTools PeopleBook: PeopleSoft Component Interfaces

PeopleSoft Setup Manager for PeopleSoft HRMS and Campus Solutions 9.0 PeopleBook

Setting Up Academic Advisement Tables

The steps that are discussed in this section provide the order in which you define information in the Academic Advisement tables.

Generally, organizations implement these business processes first. These business processes are discussed in the business process chapters of this PeopleBook.

Step	Reference
Define PeopleSoft Student Records data.	See <i>PeopleSoft Student Records 9.0 PeopleBook</i>

Step	Reference
Define Academic Advisement installation options.	See <i>PeopleSoft Campus Solutions 9.0 Application Fundamentals PeopleBook</i> , "Reviewing Installation Setup and System Defaults."
Define grade category values.	See Chapter 3, "Setting Up Optional Advisement Data," Setting Up Grade Category Values, page 15.
Define cumulative GPA values.	See Chapter 3, "Setting Up Optional Advisement Data," Setting Up Cumulative GPA Values, page 17.
Define special requirement usage values.	See Chapter 3, "Setting Up Optional Advisement Data," Setting Up Special Requirement Usage Values, page 19.
Define advising transcript types.	See Chapter 16, "Producing Academic Advisement Transcript Reports," Producing Quick What-If and Stored What-If Advisement Reports, page 262. See <i>PeopleSoft Student Records 9.0 PeopleBook</i> , "Setting Up Transcripts," Designating Degree and Program Data.
Define academic course lists.	See Chapter 4, "Setting Up Academic Course Lists," page 29.
Define academic requirements.	See Chapter 5, "Setting Up Academic Requirements," page 43.
Define academic requirement groups.	See Chapter 6, "Setting Up Academic Requirement Groups," page 111.
Define course share sets.	See Chapter 11, "Sharing Courses," page 187.
Define dynamic conditions and entity groups.	See Chapter 13, "Creating and Using Expanded Conditions and Custom Conditions," page 205.
Define student exceptions and overrides.	See Chapter 12, "Using Advisement Overrides and Course Substitutions," page 193.
(Optional) Define self-service advising options.	See <i>PeopleSoft Campus Self Service 9.0 PeopleBook</i> , "Using Academic Advisement Self Service," Processing Self-Service Advisement Reports.

Chapter 2

Understanding Academic Advisement

This chapter provides an overview of academic advisement concepts and discusses how to:

- Outline the academic structure of an institution.
- Calculate grade point averages.

Understanding Academic Advisement Concepts

The building blocks of this versatile and effective degree audit system are course lists, requirements, and requirement groups. Academic requirement groups consist of academic requirements that are satisfied by course lists.

A course list is a group of courses that can be used to satisfy an academic requirement. By using the mathematical concepts of union, intersection, subtraction, and complement, course lists can interact in countless ways. As a result, different course lists interacting in different ways can often satisfy the same requirement. The system is designed to maximize the reuse of requirement groups, requirements, and course lists by means of set operations, including union (addition), subtraction, and intersection.

Academic requirements contain requirement parameters, pre-conditions, connector types, partitions, detail requisite, restrictions, and line item parameters. Requirements can be very simple (for example, the only required element may be a GPA of 3.000) or very complex (for example, the required elements may be expressed in multiple requirement line items using partition sharing).

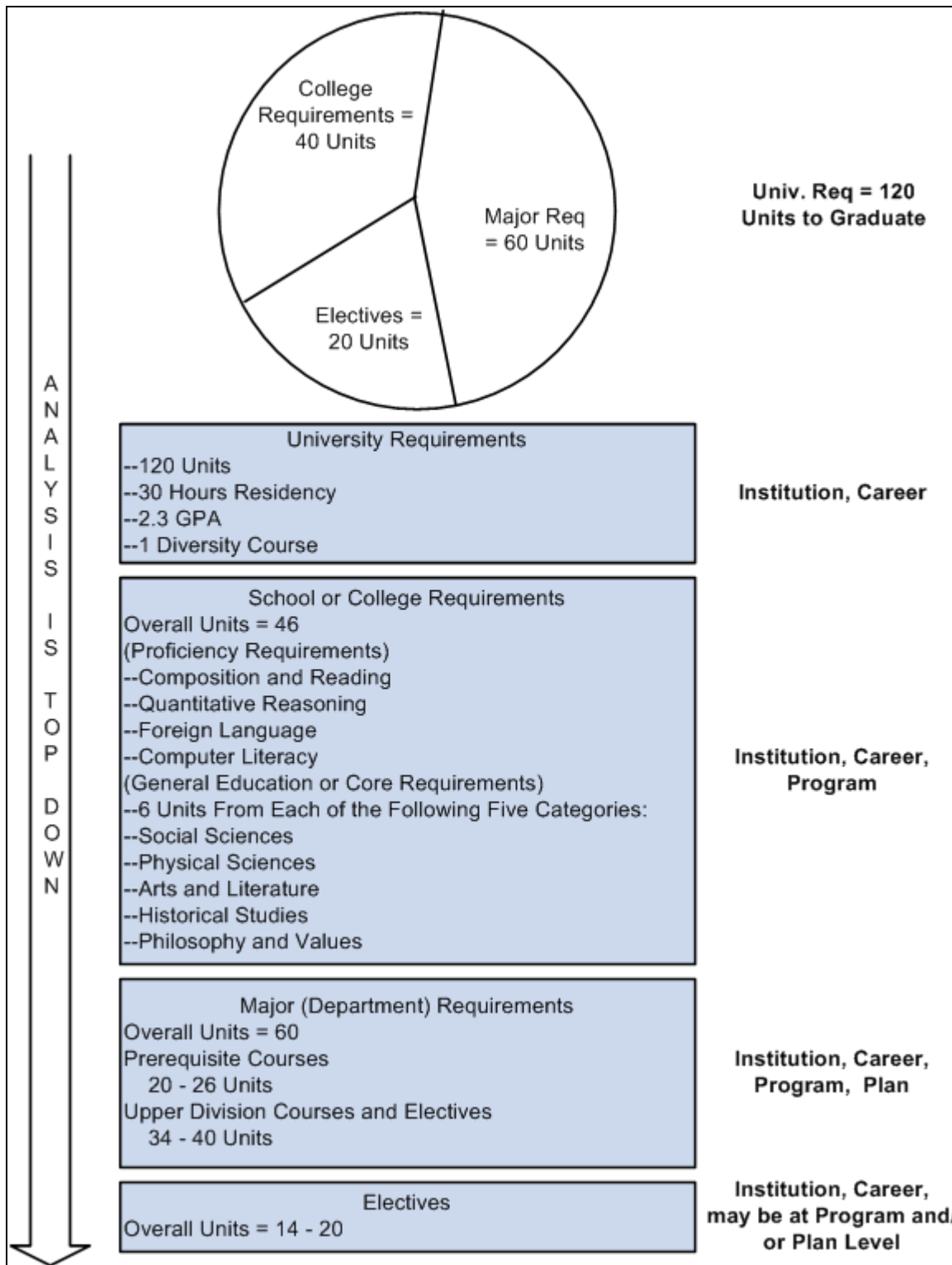
Requirement groups consist of detail lines pointing to conditions, courses, and requirements as well as parameters that include unit and course requirements. The advisement engine evaluates each student's career, program, plan, and sub-plan (plus other pertinent academic data) and determines which requirement groups apply to that student.

Because of the underlying concepts used to establish requirements and to execute degree audits, Academic Advisement is a powerful yet flexible tool. The underlying structure relates to the use of the elements of academic structure.

Traditionally, the academic structure of an institution is built from the top level down (for example, the total number of units needed to graduate through specific requirements for programs and plans). This traditional approach to academic structure is still valid and very necessary; however, while making use of this approach, the Academic Advisement application is built from the bottom level up (for example, course lists are defined first, followed by academic requirements, then requirement groups).

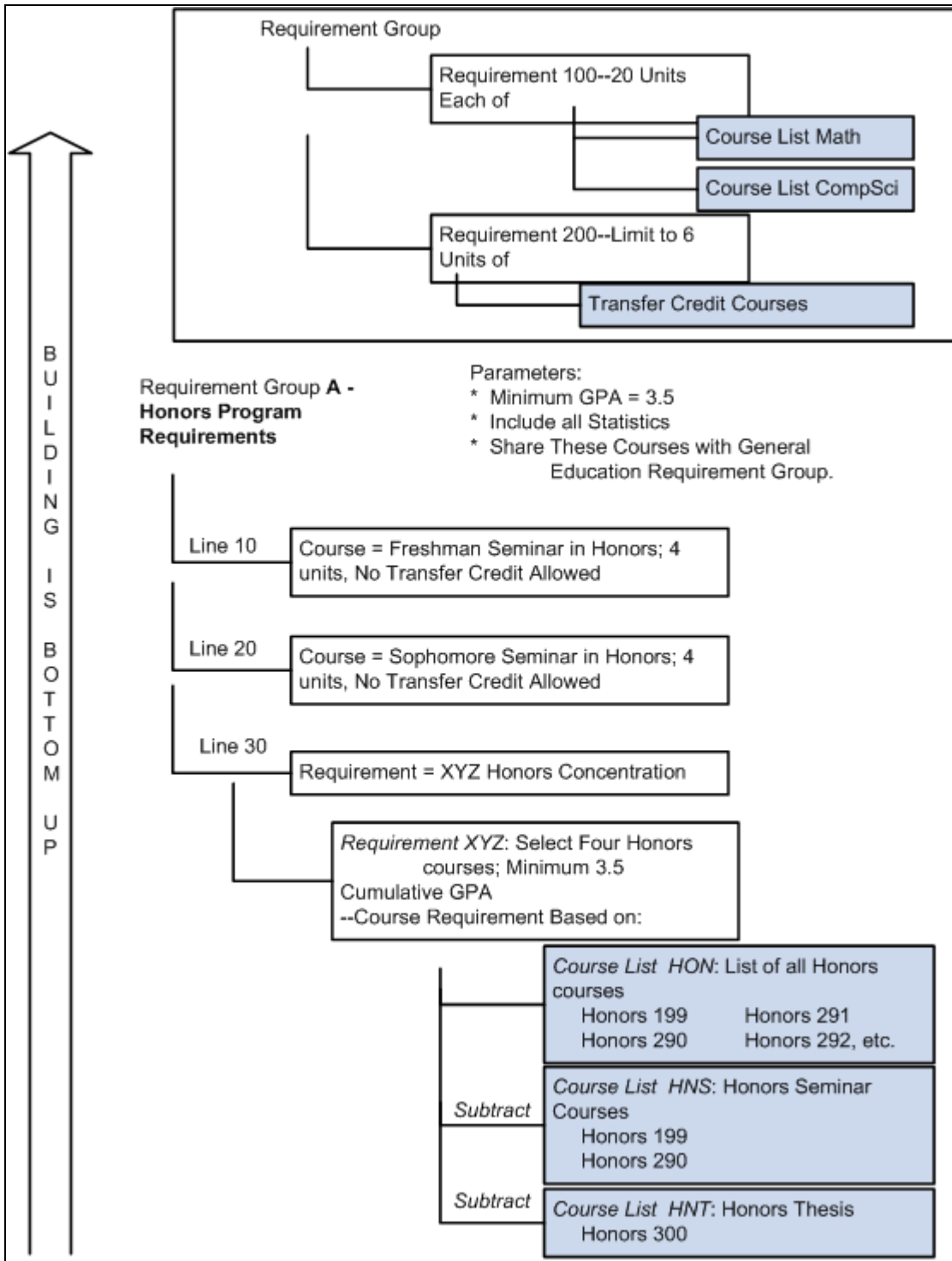
Note. As mentioned, academic requirement groups consist of academic requirements that are satisfied by course lists. However, in order for the academic advisement portion of PeopleSoft Campus Solutions to work correctly, you must set up or establish the pages in the reverse order. First, define course lists, then set up academic requirements, and then establish requirement groups. Therefore, in the Academic Advisement navigation, the setup components are listed in this order: Define Course Lists, Define Academic Requirements, and Define Requirement Groups.

The following diagram presents a traditional four-year institution's degree requirements and the academic structure level at which the rules apply.



Traditional approach to academic advisement concepts (Part 1)

This diagram expresses the degree requirements (from the Part 1 diagram) using academic advisement concepts of course lists, requirements, and requirement groups.



Traditional approach to academic advisement concepts (Part 2)

Outlining the Academic Structure of an Institution

Before entering any data in the Academic Advisement pages, carefully outline the academic advisement structure of your institution. Think carefully about how the institution is structured, what degrees are offered, the requirements for those degrees, and how course lists are organized (for example, a statistics course list might consist of math courses as well as social science statistics or biological science courses, transfer equivalents, and test equivalents).

Important! Establish the academic advisement structure of your institution *before* entering any data on the academic advisement pages. Careful planning will save time and energy.

Phase One: Outlining the Basic Advisement Structure

Outline your academic advisement structure as follows:

1. List all institutions.
2. List all careers associated with each institution.
3. List all programs of study associated with each career.
4. List all plans associated with each program.
5. List any related sub-plans for each plan.

Phase Two: Setting Up Requirement Descriptions and Details

Describe the requirements (and details) of each career, program, plan, and sub-plan in your institution. Begin at the highest level, which is your institution. Work down to the career, program, plan, and sub-plan levels. Next to each requirement description, list specific details about each. (This information will be very useful when setting up detail lines and course lists on the academic advisement pages.)

Try to make your academic structure as complete as possible. The following table is an abbreviated example of this exercise. The table contains the institution, career, program, plan, sub-plan, general requirement description, and specific details about each requirement for each numbered line in the table.

<i>Row</i>	<i>Institution</i>	<i>Career</i>	<i>Program</i>	<i>Plan</i>	<i>Subplan</i>	<i>General Requirement Description</i>	<i>Details</i>
1	PSUNV	UGRD				Must see advisor at least once.	Satisfy milestone of advisor meeting.

Row	Institution	Career	Program	Plan	Subplan	General Requirement Description	Details
2	PSUNV	UGRD				Take the English Placement test.	Pass test with grade of C or better.
3	PSUNV	UGRD				Satisfy unit/GPA minimum.	Complete 120 units with a cumulative GPA of 2.000 in those units.
4	PSUNV	UGRD				Take one diversity course if student began college after 1993.	Share class with general education requirements.
5	PSUNV	GRAD				Complete graduate unit/GPA requirements .	Complete a minimum of 36 units from 500-, 600-, and 700-classes with a cumulative GPA of 2.700.
6	PSUNV	UGRD	FAS			Take a minimum of 56 units outside of the major.	Take a maximum of 56 units from the derived list of all courses used if plan is Art.
7	PSUNV	UGRD	LAS	HIST	ARTHIST	Complete three art history classes.	Use course list of all art history courses. Allow sharing with General Education requirements. Limit sharing to one course.

Row	Institution	Career	Program	Plan	Subplan	General Requirement Description	Details
8	PSUNV	UGRD	LAS	HIST	EUHIST	Complete three European history classes.	Use course list of all European history courses. Allow sharing with General Education requirements. Limit sharing to one course.
9	PSUNV	GRAD	GLAS	EDMA		Declare a sub-plan.	Point to list of appropriate sub-plans.
10	PSUNV	GRAD	GLAS	EDMA	TEACH	Take 12 courses from ED500-course list.	Point to appropriate course list.

In row 1, list any requirements that apply to all students at your institution, regardless of career. There probably will not be many, but there might be a few general requirements that pertain to all students. For example, at PSUNV, all students must meet with their advisor (at least once) and pass the English Placement test during their first year.

In rows 3 and 4, requirements that apply to all students in one particular career (for example, undergraduate) are listed. In row 5, a requirement that applies to all graduate students is listed. In row 6, a requirement that applies to Fine Arts undergraduates is listed. In row 7, a student with a plan of History and a sub-plan of Art History must take three art history courses. In row 8, a similar requirement applies to European History students. In rows 9 and 10, requirements for a Masters of Art in Education are outlined.

When outlining your requirements for the various careers, programs, plans, and sub-plans at your institution, be sure to address the following issues:

- Is there a minimum unit, course, GPA, or partition value?
- Can courses taken on a non-graded basis be used to satisfy this requirement?
- Is transfer work allowed? Or must all course work be taken in residence?
- Can courses be shared between requirements?
- Do any programs or plans require that a plan or sub-plan be declared?
- Can wildcard course lists or derived course lists be used?

Remember to create course lists in order to satisfy requirements. For example, you can create one course list that points to all graduate courses. Then set up each plan in your institution so that it points to this course list. Reuse and intersect that list with all courses in the specified plan.

Calculating Grade Point Averages

GPA is calculated based on units taken. (Cumulative or overall GPA is calculated by the PeopleSoft Student Records application, not the Academic Advisement application. In addition, the Student Records application calculates condition GPA values based on the information entered on the Cumulative Statistics page. The PeopleSoft Academic Advisement application independently calculates the GPA values for minimum and maximum GPA requirements based on those courses used to satisfy the requirements.) Minimum and maximum unit requirements are based on units earned. Whether or not units taken and units earned are equal, the Academic Advisement engine uses units taken to calculate minimum and maximum GPA (not GPA condition) requirements and uses units earned to calculate unit requirements. If the course used is split (meaning only a portion of the course credit is used due to the minimum or maximum unit requirement parameters), the number of units earned (which counts towards unit requirements) is proportionately affected.

Below are two examples dealing with units taken and units earned.

This first example illustrates a scenario where the units taken and units earned are equal. A student takes English 101 and English 201. In this example, if Minimum GPA is 3.000 and Minimum Units is 6, the requirement will be satisfied.

<i>Course</i>	<i>Units Taken</i>	<i>Units Earned</i>	<i>Grade</i>	<i>Total GPA</i>
English 101	3	3	A	
English 201	3	3	C	
				3.0

This second example illustrates a scenario where partial credit has been assigned to a course; in other words, units earned have been adjusted after enrollment. A student takes English 101 and English 201. However, the institution does not award an equal amount of units earned for the second course. In this example, if the Minimum GPA is 3.000 and Minimum Units are 6, the requirement would not be satisfied based on the units earned for English 201.

<i>Course</i>	<i>Units Taken</i>	<i>Units Earned</i>	<i>Grade</i>	<i>Total GPA</i>
English 101	3	3	A	
English 201	3	1	C	
				3.0

Note. When units earned differ from units taken, the advisement degree audit report displays the units earned. A message appears on the report that indicates the discrepancy between the units displayed and the GPA calculation.

See Also

PeopleSoft Student Records 9.0 PeopleBook, "Tracking Student Data," Understanding How to Assign Special Grade Point Averages

Chapter 3

Setting Up Optional Advisement Data

This chapter discusses how to:

- Set up grade category values.
- Set up cumulative grade point average (GPA) values.
- Set up special requirement usage values.
- Set up valid student groups.
- Set up report identifiers.
- Define default course what-if grades.
- Set up tests for use in Academic Advisement.

Setting Up Grade Category Values

To set up grade category values, use Grade Category component (GRADE_CATEGORY).

The system uses grade category values on the Grading Scheme Table page and on the Requirement Line Item Detail page. This section discusses how to enter grade category values.

See Also

PeopleSoft Student Records 9.0 PeopleBook, "Setting Up Grading," Defining Grading Schemes

[Chapter 5, "Setting Up Academic Requirements," Setting Up Requirement Line Item Detail, page 91](#)

Page Used to Set Up Grade Category Values

Page Name	Definition Name	Navigation	Usage
Grade Category Table	GRADE_CATEGORY	Set Up SACR, Product Related, Student Records, Grading , Grade Category	Establish new grade category prompt values that can be assigned in the Grading Scheme table and then used as field values for derived lists at the line item detail level. On the Requirement Line Item Detail page, if the line detail type is <i>DLST</i> , then one of the List Recall Mode field values is <i>Grade Category</i> .

Entering Grade Category Values

To set up grade category tables, use the Grade Category component (GRADE_CATEGORY).

Access the Grade Category Table page (Set Up SACR, Product Related, Student Records, Grading , Grade Category).

Grade Category Table page

Important! Set up one grade category for every setID at your institution. For every table and effective-dated row that you create, include a grade category of *None*. Because Grade Category is a required field in the Grading Scheme table, you can use a field value of *None* in the Grading Scheme table for those grades that do not need a particular value.

Grade Category

Enter the grade category that will become a prompt value on the Line Item Detail page and on any Student Record pages that contain this field. Because values are effective-dated, only those values that are valid as of the effective date are included in any prompting action.

Description

Enter the grade category description that will appear when a field is prompted for field values. The system populates the grade category description by default. However, you can change this value. All alphanumeric characters are valid.

Clearly describe the grade category value. For example, you might want to describe a grade category of *TXFR* as *Transfer Pass*. In that case, the prompt value appears as *Transfer Pass*.

Example

At PSUNV, the total number of pass grades that can be counted toward a bachelor's degree is limited to 24 units. In addition, the total number of pass grades that can be transferred from a community college toward a bachelor's degree is limited to 6 units. A total of 24 pass units is allowed, but only 6 or fewer of those units can be from another institution.

To establish this limit on pass grades, you create two grade categories in the Grade Category table: *P* for pass and *TP* for transfer pass.

In Academic Advisement, you next create a requirement that is a global limit. It points to all courses on a student's transcript with a grade that has a grade category of *P* combined with *TP* (line detail type of *DLST* with a list recall mode of *Grade Category = P U* line detail type of *DLST* with a list recall mode of *Grade Category = TP*) on the Requirement Line Item Detail page. The limit allows a maximum of 24 units.

You then create a second requirement that is also a global limit, which points to all courses on a student's transcript with a grade that has a grade category of *TP* (line detail type of *DLST* with list recall mode of *Grade Category = TP*). This second requirement allows a maximum of 6 units. Any courses over the limit of allowed credits are not counted toward the degree.

Finally, you attach these two requirements to a requirement group. Because global limits go into effect as soon as the advisement engine encounters them, the limits should be at the highest level possible, preferably at the career level. Because career-level requirement groups are processed first, any global limit requirements that are attached at that level apply to the entire audit.

Setting Up Cumulative GPA Values

To set up cumulative GPA values, use the Cum. Grade Point Average component (CUMULTV_GPA).

This section discusses how to enter cumulative GPA values.

Page Used to Set Up Cumulative GPA Values

Page Name	Definition Name	Navigation	Usage
Cum. Grade Pt. Average Table (cumulative grade point average table)	CUMULTV_GPA	Set Up SACR, Product Related, Student Records, Grading, Cum. Grade Point Average	Establish new cumulative GPA prompt values for the cumulative GPA field value, which can be used as a precondition or condition throughout academic advisement. These values also appear on certain advisement reports.

Entering Cumulative GPA Values

Access the Cum. Grade Pt. Average Table page (Set Up SACR, Product Related, Student Records, Grading, Cum. Grade Point Average).

Cum. Grade Pt. Average Table

Find | View All First 1 of 1 Last

Academic Institution: PSUNV ***Effective Date:** 01/01/1900 ***Status:** Active

Cumulative GPA	Description
0.0	0.0
0.5	0.5
1.0	1.0
1.5	1.5
2.0	2.0
2.5	2.5
3.0	3.0
3.5	3.5
4.0	4.0

Cum. Grade Pt. Average Table page

Academic Institution

Each cumulative GPA prompt value is associated with only one academic institution. This field is used for prompting, not for analysis.

Cumulative GPA	Enter the cumulative GPA that is a prompt value for preconditions or conditions of cumulative GPA. Values are 0 through 9, with a maximum of five positions to the left of the decimal point and three positions to the right of the decimal point (for example, 12345.678).
Description	<p>Enter the cumulative GPA description that will appear when a field is prompted for field values. By default, the system populates the Description column with the cumulative GPA value. However, you can change this value. All alphanumeric characters are valid.</p> <p>Clearly describe the cumulative GPA value. For example, you might want to describe a cumulative GPA of 2.0 as <i>C average</i>. In that case, the prompt value appears as <i>C average</i>.</p>

Setting Up Special Requirement Usage Values

This section provides an overview of special requirement usage values and discusses how to enter requirement usage values.

Understanding Special Requirement Usage Values

In most cases, you will probably run academic advisement reports for your students. These reports track students' progress toward graduation based on their career, program, plan, subplan, and requirement term data.

However, in some instances you want to evaluate a group of students based on a different set of criteria. Perhaps you want to evaluate the semester grade point average and academic load for all students in a student group called *Athlete*. Perhaps you want to evaluate the GPA of course work in Accounting 1a and Accounting 2a for all pre-business majors to identify those with high grades and to inquire if they are interested in pursuing a degree in the accounting program. You can do either evaluation by creating special academic requirement groups that reference a user-defined requirement usage. The system does not include academic requirement groups with a special requirement usage in general advising reports; the special requirement groups are used only by specially designed transcript type reports that you configure.

Note. The system can process a maximum of 30 special requirement groups that the system can process for a single report request. In addition, for special *usage* requirement groups, the system does not reference the career, program, plan, subplan, and precondition fields to determine which requirement groups apply to each student. Therefore, when creating special usage requirement groups, keep in mind that the system will attempt to apply all requirement groups with the special usage that you define to all students in the batch. If the number of active academic requirement groups with the special usage exceeds 30, the process will fail.

To set up special usage values:

1. Use the Requirement Usage page to define a special usage value.

All user-defined usage values must be four characters (for example, ACCT). The first and last characters cannot be spaces. Usage values that are delivered with the system are three characters (for example, STD and ADV).

2. Use the Requirement Group page to create an academic requirement group, which may reference one or more academic requirements, and specify the special usage value in the Usage field.

You can assign usage values at the requirement group level only.

3. Use the Basic Data page to create a transcript type that references the special usage value.

Select the Special Advising Report check box and enter the special usage in the Requirement Usage field.

4. Run the report.

- To run the report for a small group of students by ID, specify the transcript type, which you defined in step 3, on the Request Header page and enter all IDs on the Request Detail page.
- To run the report for a large group of students by parameters, specify the transcript type, which you defined in step 3, on the Transcript request page and enter the parameters that capture your target population.

See Also

[Chapter 3, "Setting Up Optional Advisement Data," Setting Up Special Requirement Usage Values, page 19](#)

[Chapter 6, "Setting Up Academic Requirement Groups," Setting Up a Requirement Group, page 122](#)

PeopleSoft Student Records 9.0 PeopleBook, "Setting Up Transcripts," Defining Transcript Type Basic Data

PeopleSoft Student Records 9.0 PeopleBook, "Producing Transcripts," Processing Batch Transcripts (Application Engine)

PeopleSoft Student Records 9.0 PeopleBook, Producing Transcripts, Using the XML Transcript Template

Page Used to Set Up Special Requirement Usage Values

<i>Page Name</i>	<i>Definition Name</i>	<i>Navigation</i>	<i>Usage</i>
Requirement Usage	RQRMNT_USEAGE	Academic Advisement, Academic Requirements, Define Requirement Usages	Create special usage field values for generating alternate report formats.

Entering Requirement Usage Values

Access the Requirement Usage page (Academic Advisement, Academic Requirements, Define Requirement Usages).

Requirement Usage page

Note. If the requirement usage is a delivered system value, *No Special Formatting* appears on this page. Delivered requirement usages result in a transcript that includes an advising report. If the requirement usage results in a special advising report as selected on the Basic Data page, *Special Report Format* appears on this page.

Effective Date

Enter an effective date for this requirement usage. The effective date defines when the status that you select is valid. If any of the requirement usage information changes, you should add a new effective-dated row. When you create an academic requirement group that references this requirement usage, the effective date of the requirement usage must be less than or equal to the effective date of the academic requirement group.

Status

Select the status of the requirement usage. Values are:

Active: Select to add a new requirement usage.

Inactive: Select only if your institution will no longer use this requirement usage. If any of the requirement group information changes, you should add a new effective-dated row.

Values for this field are delivered with the system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

Description, Short Description, and Long Description

Enter a description to use as a search key and to appear in prompts for requirement usage values. The description should accurately describe the requirement usage so that the label is meaningful as a search key. For example, a description of *Phi Beta Kappa* helps to identify this requirement. The short description appears only on this page. The long description appears on the advising report.

Note. Once you have established a requirement usage, a maximum of 30 requirement groups that are flagged with this usage are pulled into audits with this usage specified as part of the transcript type.

Setting Up Valid Student Groups

To set up valid student groups, use the Define Valid Student Groups component (SAA_VALID_STDNT_GR).

You can use student groups in the setup of enrollment requirements (requisites) and degree requirements.

If you generate advisement reports using the Request Advisement Report or Generate Advisement Reports components (SAA_RPT_RQST or SAA_RC_RPTGEN), you can also use student groups as a "trigger" advisement report processing. That is, you can use the addition, deletion, or change to a student's student group record as the basis for generating a new advisement report for a student or group of students.

See *PeopleSoft Campus Self Service 9.0 PeopleBook*, "Setting Up Academic Advisement Self-Service."

This section discusses how to set up student groups for use in Academic Advisement.

Page Used to Define Valid Student Groups

<i>Page Name</i>	<i>Definition Name</i>	<i>Navigation</i>	<i>Usage</i>
Define Valid Student Groups	SAA_VALID_STDNT_GR	Set Up SACR, Product Related, Academic Advisement, Advising Student Groups	Enter student groups for use in Academic Advisement and real-time processing.

Defining Valid Student Groups

Access the Define Valid Student Groups page (Set Up SACR, Product Related, Academic Advisement, Advising Student Groups).

Define Valid Student Groups

Find | View All First ◀ 1 of 2 ▶ Last

Academic Institution	PSUNV	PeopleSoft University	+ -
Effective Date	01/01/2004		

Find First ◀ 1-7 of 7 ▶ Last

*Student Group	ATHL	Athlete	+ -
*Student Group	CSU	CSU Breadth	+ -
*Student Group	ESL	English as a Second Language	+ -
*Student Group	HONR	Honors Society	+ -
*Student Group	IGTC	IGETC	+ -
*Student Group	ITNL	International Student	+ -
*Student Group	UC	UC	+ -

Define Valid Student Groups page

Effective Date Enter the date for which the student group is effective.

Student Group Enter the valid student group or groups for the assigned effective date.

Setting Up Report Identifiers

To set up the report identifier, use the Define Report Identifiers component (SAA_RPT_IDENT_TBL).

Report identifiers are used to identify a set of requests to be created, processed, or purged. Four report identifiers are delivered with your system: Administrative Request, Generic Batch, Student Self-Service, and Trigger Process. You should not change these values but can add others as needed.

This section discusses how to define the report identifier.

Page Used to Set Up a Report Identifier

Page Name	Definition Name	Navigation	Usage
Define Report Identifier	SAA_RPT_IDENT_TBL	Academic Advisement, Academic Requirements, Define Report Identifier	Enter the report identifier for a set of requests to be created, processed, or purged.

Defining the Report Identifier

Access the Define Report Identifier page (Academic Advisement, Academic Requirements, Define Report Identifier).

Define Report Identifier page

- Effective Date** Enter an effective date to define when the status that you select is valid.

- Status** Select the status of the report identifier. Values are.
Active: Select when adding a new report identifier.
Inactive: Select only if your institution will no longer use this report identifier.
 Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modification to these values will require a substantial programming effort.

- Description and Long Description** Enter a description of the report identifier that is meaningful as a search key. This description appears in search results for report identifiers. The long description is the internal description of the report identifier; it is for your institution's reference.

See [Chapter 15, "Producing Academic Advisement Reports," page 239.](#)

See [Chapter 9, "Managing Batch Academic Advisement Reports," Purging Academic Advisement Report Results, page 178.](#)

Defining Default Course What-If Grades

To set up the course what-if default grade, use the Grading Scheme Table component (GRADING_SCHEME_TBL).

If you have defined a default course what-if grade for a particular grade basis and you do not assign a course grade when setting up a course what-if scenario for a student, the default grade is used in the degree audit when you generate an advisement report using the Request Advisement Report and Generate Advisement Reports components. However, the grade does not appear on the report. The Default AA What If Grade field value is also used for planned, in-progress, and shopping cart courses. If present, the repeat checking process can be run during the degree audit. If no default grade is defined, the degree audit assumes successful completion of the course for purposes of satisfying a degree requirement, but it does not perform repeat checking. If, however, an administrator enters a grade when setting up a what-if course on the Report Request page, that grade will appear on the advisement report.

See *PeopleSoft Student Records 9.0 PeopleBook*, "Setting Up Grading."

Setting Up Tests for Use in Academic Advisement

This section discusses how to set up valid tests for use in preconditions and conditions in Academic Advisement.

Page Used to Set Up Tests for Use in Academic Advisement

<i>Page Name</i>	<i>Definition Name</i>	<i>Navigation</i>	<i>Usage</i>
Define Tests for Advisement	SAA_COND_TEST	Set Up SACR, Product Related, Academic Advisement, Define Tests for Advisement	Set up test information for use in preconditions and conditions in academic requirements and academic requirement groups.

Defining Tests for Use in Academic Advisement

Access the Define Tests for Advisement page (Set Up SACR, Product Related, Academic Advisement, Define Tests for Advisement).

Status	<p>Select the status of the report identifier. Values are:</p> <p><i>Active:</i> Select when adding a new report identifier.</p> <p><i>Inactive:</i> Select only if your institution will no longer use this report identifier.</p> <p>Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modification to these values will require a substantial programming effort.</p>
Months Valid	<p>Enter the number of months for which a test score can be considered valid. An empty (blank) field is interpreted to mean that the test is always valid.</p>
Test Score Method	<p>Select a default value to be used when you use this test ID in preconditions and conditions. (On this same page, you can enable users to override this default value when the field appears in the Academic Requirement Group, Academic Requirement, , or Define Dynamic Condition components.)</p> <p>Values are:</p> <p><i>Average of All Scores Taken:</i> Select to have the advisement engine average scores for a given test when it processes the test for a precondition or condition in an academic requirement or requirement group.</p> <p><i>First Test Taken:</i> Select to have the advisement engine use the test score with the earliest date when it processes the test for a precondition or condition in an academic requirement or requirement group.</p> <p><i>Highest Score:</i> Select to have the advisement engine use the highest score for a given test when it processes the test for a precondition or condition in an academic requirement or requirement group.</p> <p><i>Last Test Taken:</i> Select to have the advisement engine use the score from the date of the last test taken when it processes the test for a precondition or condition in an academic requirement or requirement group.</p> <p><i>Lowest Score:</i> Select to have the advisement engine use the lowest score for a given test when it processes the test for a precondition or condition in an academic requirement or requirement group.</p>
Enable User to Override Method	<p>Select this check box if you want to enable a user to change the Test Score Method field value when setting up a precondition or condition in the Academic Requirement Group, Academic Requirement, , or Define Dynamic Condition components. This check box label is defined in the Message Catalog. You may change this label as needed.</p>
Enable User to Override Months	<p>Select this check box if you want to enable a user to change the Test Score Method field value when setting up a precondition or condition in the Academic Requirement Group, Academic Requirement, , or Define Dynamic Condition components. This check box label is defined in the Message Catalog. You may change this label as needed.</p>

Data Source

Select one or more valid data sources (American College Testing, for example) for the Test ID you are defining. Values for this field are delivered with your system as translate values. You can modify these translate values. The delivered testing agency values that appear here are American College Testing, College Board, Educational Testing Services, and Law School Admission Services. These are the data sources that the audit engine will consider as valid when processing a test score in an academic requirement or requirement group.

See Also

PeopleSoft Recruiting and Admissions 9.0 PeopleBook, "Setting Up External Test Score Loads"

[Chapter 5, "Setting Up Academic Requirements," page 43](#)

[Chapter 6, "Setting Up Academic Requirement Groups," page 111](#)

Chapter 4

Setting Up Academic Course Lists

This chapter provides overviews of academic course lists and maximizing course list efficiency, and discusses how to set up academic course lists.

Understanding Academic Course Lists

Academic course lists form the basis of academic advisement. They are lists of courses or wildcard course lists. For example, an academic course list might consist of eight history courses. Course lists are used in academic requirements to identify which courses a student must select from to complete a graduation requirement.

You specify courses either by a unique course ID or by a wildcard indicator. For example, you can insert a row with the course ID for English 62, or you can set up a wildcard course list of all English courses, rather than manually entering each English course row by row.

Maximizing the Efficiency of Course Lists

To enhance performance, establish the fewest number of sequence rows. To increase efficiency, you can use a wide ranging wildcard followed by set operation theory to subtract smaller pieces. For example, you might establish undergraduate courses as 100-level through 400-level courses, and graduate courses as 500-level courses. Then, rather than use a course list with four course sequences of 1##, 2##, 3##, and 4##, it would be more efficient to use the wildcard course list at the subject level, or even the academic group level, and then subtract from the line detail item a course list of 500-level courses.

Using wildcard course lists is an efficient way to establish course lists. To maximize efficiencies, consider the highest level at which you establish a wildcard course list. For instance, if all psychology courses are acceptable to fulfill a requirement, enter *Psychology* in the Subject field rather than create course sequences with Psych 1##, Psych 2##, and so on.

When evaluating course lists, consider not only what you want to include in the list, but also what you do not want to include. If all but five of the courses in a subject are valid to be used, then using a wildcard course list at the subject level and subtracting a course list of five courses is more efficient than establishing a course list that details all of the valid course IDs.

See [Chapter 4, "Setting Up Academic Course Lists," Creating a Course List Detail, page 34.](#)

Setting Up Academic Course Lists

This section provides an overview of how to create an academic course list and discusses how to:

- Set up a course list description.
- Create a course list detail.
- Establish course list parameters.

Understanding How to Create an Academic Course List

Complete these steps to create an academic course list:

1. Enter the academic institution, career, program, plan, and subplan information for the new course list on the Course List Description page.
2. Establish the details about individual courses that comprise the course list on the Course List Detail page.
3. Indicate the course parameters for the course list on the Course List Parameters page.

When inserting a new effective-dated row to a course list, the user must first go to the Course List Detail page and fetch the course list details. Otherwise, the new row is created without course detail. The user receives a warning upon inserting the new row.

This change applies to academic, enrollment, and Program Guide course lists and occurs when the user is in an action mode other than *Add*.

Additionally, the effective date on a course list can not be changed in correction mode unless the course list details are retrieved first. When entering the page, the Effective Date field is disabled until the details have been fetched. After the user retrieves the course detail, the user can change the effective date.

Pages Used to Create an Academic Course List

<i>Page Name</i>	<i>Definition Name</i>	<i>Navigation</i>	<i>Usage</i>
Course List Description	RQ_COURSE_LIST	Academic Advisement, Academic Requirements, Define Course Lists, Course List Description	Describe the course list.

Page Name	Definition Name	Navigation	Usage
Course List Detail	RQ_CRSE_LIST_DET	<ul style="list-style-type: none"> Curriculum Management, Enrollment Requirements, Enrollment Course Lists, Course List Detail Academic Advisement, Academic Requirements, Define Course Lists, Course List Detail 	Establish which courses comprise the course list.
Course List Parameters	RQ_CRSE_LST_DPRM	Academic Advisement, Academic Requirements, Define Course Lists, Course List Parameters	Establish detail parameters for each course in the course list.

Setting Up a Course List Description

Access the Course List Description page (Academic Advisement, Academic Requirements, Define Course Lists, Course List Description).

The screenshot displays the 'Course List Description' page. At the top, there are three tabs: 'Course List Description', 'Course List Detail', and 'Course List Parameters'. The 'Course List Description' tab is active. The page shows a form with the following fields and values:

- Course List:** 000000071
- *Effective Date:** 01/01/1900
- *Status:** Active
- *Description:** Cognitive Psychology
- *Short Description:** Cognitive
- *Usage:** Academic Advisement
- Long Description:** Cognitive Psychology Courses
- *Academic Institution:** PSUNV (PeopleSoft University)
- Academic Career:** UGRD (Undergraduate)
- Academic Program:** LAU (Liberal Arts Undergraduate)
- Academic Plan:** PSYCH (Psychology)
- Academic Sub-Plan:** (empty)

Course List Description page

Effective Date and Status

Enter an effective date to define when the status that you select is valid. This date reflects the student's requirement term as determined by the requirement group that uses this course list.

When the advisement process applies a requirement group to a student, the requirement term begin date of the requirement group academic structure determines which effective-dated course list row is current for the student. For example, if you define a requirement group to the plan level, then the system uses the student's plan requirement term to determine the effective date for the requirement group. You assign requirement terms in the Student Program/Plan component. The system then uses this requirement term to evaluate the current effective-dated row for all requirements and course lists that the requirement group uses.

For example, suppose that the system applies a requirement group defined at a program level to a student. The requirement group has two effective-dated rows: 01/01/1900 and 01/01/2000. The student's academic program requirement term is fall 1999, so the current effective-dated row for the requirement term of fall 1999 is 01/01/1900. The 01/01/1900 requirement group points to a requirement with effective-dated rows of 01/01/1900 and 01/01/1980. Again, the student's program requirement term is used (because that was the academic structure of the requirement group that uses this requirement), and the current effective-dated row for requirement term fall 1999 is now 01/01/1980. The 01/01/1980 requirement uses a course list with two effective-dated rows: 01/01/1900 and 01/01/1990. Once again, the student's program requirement term is used to evaluate the current effective-dated row to be used, which in this case is 01/01/1990.

Copy

This button appears on this page in Add mode only. You can copy course lists with a usage value of *Academic Advisement* or *Requisite Restriction*. However, requisite restrictions do not appear if you search for course lists to copy; you must enter the requisite course list number directly during the copy process. You cannot copy course lists with a usage value of *Student Individualized Plan*.

To copy a course list, click the Copy button, enter the number of the course list that you want to copy, and select the appropriate copy mode.

Values are:

Copy last record: Select to copy only the last effective-dated record. This value is the default.

None: If selected, this value converts to *Copy last record*.

Copy all records: Select to copy all effective-dated records. Use this field value only if the course list to be copied has multiple effective-dated rows.

After selecting the copy mode, click the *OK* button to copy the specified course list.

Because the academic course list pages are more complex than their enrollment course list counterparts, you cannot copy enrollment course lists and requisite restriction course lists into course lists with a usage value of *Academic Advisement*. Course lists with a usage value of *Requisite/Restriction* can only be copied and saved as *Requisite/Restriction* course lists.

Note. If you use the copy feature to create a new course list, then you cannot assign a course list number to the new list. When you save after clicking the Copy button, the system automatically assigns the next sequential number to the new course list. If you must assign a specific, unused number to the new course list, do not click the Copy button. Instead, create the new course list by reentering all of the field values.

Usage

Select the value that indicates how the data in this course list is used.

Values are:

Academic Advisement: Select to use the data recorded on this page during the degree audit process. This value is the default.

Student Individualized Plan: Select to use the data on the Student Override Exceptions pages for degree audit purposes. Use this value when a specific student or group has special requirements. A course list with a usage value of *Student Individualized Plan* can only be used by a requirement with a usage value of *Student Individualized Plan*.

Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

Description, Short Description, and Long Description

Enter a description, short description, and long description for the course list that you are establishing. None of these values appears on the audit reports. These fields are used for documentation purposes only.

Academic Institution, Academic Career, Academic Program, Academic Plan, and Academic Sub-Plan Use these fields to document departmental ownership of the course list. These fields are used for prompting and documentation only; they do not affect auditing analysis.

Creating a Course List Detail

Access the Course List Detail page (Academic Advisement, Academic Requirements, Define Course Lists, Course List Detail *or* Curriculum Management, Enrollment Requirements, Enrollment Course Lists, Course List Detail).

Course List Description		Course List Detail		Course List Parameters	
Course List:	000000071	Description:	Cognitive Psychology		
Effective Date:	01/01/1900	Status:	Active		
Course List Details					
				Find	View All
				1 of 1	
'Course Sequence:	<input type="text" value="1"/>	<input type="checkbox"/> WildCard Indicator	<input checked="" type="checkbox"/> Include Equivalent Courses		
Course ID:	<input type="text" value="003022"/> 🔍	Cog Psy	PSYCH	280	
'Course Sequence:	<input type="text" value="2"/>	<input type="checkbox"/> WildCard Indicator	<input checked="" type="checkbox"/> Include Equivalent Courses		
Course ID:	<input type="text" value="003042"/> 🔍	Prob Solv	PSYCH	340	
'Course Sequence:	<input type="text" value="3"/>	<input type="checkbox"/> WildCard Indicator	<input checked="" type="checkbox"/> Include Equivalent Courses		
Course ID:	<input type="text" value="003056"/> 🔍	Dev Memry	PSYCH	458	

Course List Detail page

Fetch

Click to retrieve and display the course sequence data, including the related detail parameters for the effective-dated row. When you access this component, the system loads only effective-dated rows, without any detail, to enhance performance for those course lists that have hundreds of course sequence rows.

Course Sequence

Indicates a unique component of the course list. Each sequence represents a course ID or a group of equivalent courses. The system assigns the numbers sequentially, but you can change them. Usually, courses in a course list do not have to be in a particular order. However, you must put courses in sequential order when you plan to assign the course list to a requirement line type of *Sequential Restriction* or *Global Sequential Restriction*. In those cases, enter the correct course order here so that the advising process requires the student to complete the courses in the course sequence that you specify. For example, students should take French 1, French 2, and French 3 in that order.

Course ID

Enter the ID that specifies the course needed to satisfy this course list. (Prompt on this field and enter search criteria to narrow the choices.) If a course ID contains multiple offerings, then any of the offerings attached to that course ID satisfies that course list. In addition, if a student takes two offerings in a course ID, then the audit allows both classes to count toward unit and grade point average (GPA) requirements. The classes are treated as separate courses.

This field is unavailable if you select the WildCard Indicator check box.

Include Equivalent Courses

Select to have the system include in its evaluation both the course ID that you specify and all courses that are set up as equivalent to the selected course ID for this course list. If you select this check box, then the Term, Associated Class, and Topic ID fields become unavailable

If you select this check box, the advisement engine must search the database for any valid course equivalencies, even if no equivalencies exist for this course ID. Therefore, clear the check box if the course ID has no equivalents.

Clear this check box to further narrow your course parameters for the Term, Associated Class, and Topic ID fields. For example, you may specify not only the course ID, but also the term in which the specific course must be taken.

See *PeopleSoft Student Records 9.0 PeopleBook*, "Setting Up the Course Catalog," Creating Course Equivalency Groups.

Term

Enter the term in which the student must take the course that you specify in order for the course to be used in this course list. Leave this field blank to return all values.

Associated Class

Enter the associated class number, of the course that you specify, that the student must take for the course to be used in this course list. For class associations, indicate a term to prompt off valid values. Leave this field blank to return all values.

Note. You cannot enter 9999 because this special associated class number can be associated with any other associated class number and is never an enrollment section.

See *PeopleSoft Student Records 9.0 PeopleBook*, "Managing the Schedule of Classes," Defining Class Associations.

Topic ID	<p>Enter the topic ID, of the course that you specify, that the student must take for the course to be used in this course list. This field prompts from the topics defined in the course catalog. Leave this field blank to return all values.</p> <p>See <i>PeopleSoft Student Records 9.0 PeopleBook</i>, "Setting Up the Course Catalog," Defining Course Catalog Data.</p>
Wildcard Indicator	<p>Select to specify that the course is a wildcard course, and use additional variables to specify the course that you want to capture.</p> <hr/> <p>Note. When this check box is selected, the remainder of the fields discussed in this section are available.</p> <hr/>
Display Wildcard Courses	<p>Select to specify that a link appears below the course name in the course grid on the My Academic Requirements page. If this check box is cleared, then the wildcard course (subject and catalog number) appears in the course grid on the My Academic Requirements page but is not linked.</p> <hr/> <p>Note. Note that this check box is available only when the WildCard Indicator check box is selected, and it applies only to advisement report based on advisement report types (not those based on transcript types).</p> <hr/>
Academic Group	<p>Enter the academic group from the course catalog offering. Leave this field blank if any academic group is acceptable.</p>
Academic Institution	<p>Enter the name of the academic institution.</p>
Subject	<p>Enter the subject of the course offering. Leave this field blank if any subject is acceptable.</p>

Catalog Nbr (catalog number) Enter the required portion of the catalog number that is a 10-character field. Use the format NNNNAAAAAA, where the first four characters are numeric (leading zeroes are blank-padded) and the last six characters are an alphanumeric suffix. For example, a catalog number of 3## indicates that any 300-level course is acceptable, including 301A, because suffixes are ignored when a numerical wildcard is specified unless a suffix value is exclusively indicated. In another example, a catalog number of 3##B would accept only 300-level courses with a suffix of B. In a third example, a catalog number of 32I* indicates that 321, 321A, and 321B, but not 321AB, are acceptable. You can use a wildcard in any position in the field. When you use wildcards, the system does not check equivalent courses. (This is an efficiency constraint.)

Note. The Catalog Nbr field does not support ranges of numbers. However, you can establish multiple detail lines. For example, in one detail line you can use a wildcard for 100-level courses, and in a second detail line you can use a wildcard for all 200-level courses.

Use the pound sign (#) to represent the first four numeric values, and use the asterisk (*) to represent the last six alphanumeric characters. If you enter #, then the system right-justifies the value. If you enter *, then the system left-justifies the value. For example, 1##* retrieves 1 through 19 plus one alphanumeric character.

Report Description

Enter a description that you want to display in the Description field of the course grid on the My Academic Requirements page. The report description also appears on the .pdf advisement report under available courses.

If the field is left blank, then message catalog text, View Course Details, appears in the Description field on the course grid on the My Academic Requirements page. On the .pdf report, the subject and catalog number appear under courses available (if applicable).

Note. This field is only for use if your institution generates advisement reports based on advisement report types (not transcript types).

This table lists the results of how the system processes wildcard values:

<i>Catalog Number</i>	<i>Results</i>
#	The search retrieves all courses with a single-digit catalog number and any number of alphanumeric characters (letters) following the digit. For example, the search engine would pick up 1ABCD.
*	The search retrieves all courses with no numbers and a single alphanumeric character identifier. The system assumes that this value is preceded by four blank spaces, which are represented by NNNN.

Catalog Number	Results
#*	The search retrieves all courses with one digit followed by one alphanumeric character.
###	The search retrieves all catalog numbers up to three digits, including any characters that follow the numbers.
##W	The search retrieves all one- and two-digit catalog numbers that are followed only by the character <i>W</i> .
1###**	The search retrieves 100-level catalog numbers, including none, one, two, and three alphanumeric characters. The search will not, however, retrieve a four-digit alphanumeric character.

You cannot place alphabetic characters before numeric characters. The format must be NNNNAAAAAA, where *N* represents a numeric character and *A* represents an alphanumeric character. Specifically, four numeric characters must precede all alphabetic characters.

If the Academic Group, Subject, and Catalog Nbr fields are blank, then the system includes all courses in the academic institution in the course list. If the Academic Group and Subject fields are blank but the Catalog Nbr field is populated, then all courses matching that catalog number are included in the course list, regardless of academic group or subject area. If only the Subject field is populated, then the system selects any course within that subject.

Establishing Course List Parameters

Access the Course List Parameters page (Academic Advisement, Academic Requirements, Define Course Lists, Course List Parameters).

Course List Description		Course List Detail		Course List Parameters	
Course List:	000000071	Description:	Cognitive Psychology		
Effective Date:	01/01/1900	Status:	Active		
Course Information Find View All 1 of 3					
Course Sequence:	1				
Course Information:	Cog Psy				
Min Units/Course:	<input type="text"/>				
Min Grade Points/Unit:	<input type="text"/>				
Transfer Level Allowed:	Always Allow				
Requirement Designation:	HONR	Honors			
Valid Begin:	<input type="text"/>	<input type="checkbox"/> Course must be GPA material			
Valid End:	<input type="text"/>	<input checked="" type="checkbox"/> Test Credit is Allowed			
		<input checked="" type="checkbox"/> Other Credit is Allowed			
		<input type="checkbox"/> Exclude In-Progress Credit			

Course List Parameters page

Course Sequence

Appears by default from the Course List Detail page.

Course Information

Describes the course selected on the Course List Detail page. The system displays course information in course sequence order. If the WildCard Indicator check box is selected, then this field is blank.

Min Units/Course (minimum units per course)

Enter the minimum number of units that this course, or the courses in this list (if a wildcard list), must provide to be considered valid.

Min Grade Points/Unit (minimum grade points per unit)

Enter the minimum number of grade points per unit that this course must be worth to be considered valid. This value overrides the minimum grade points per course defined for the requirement on the Line Item Parameters page.

Transfer Level Allowed

Select the type of transfer credit, if any, that is acceptable. Values are:

Always Allow: Select to specify that all applicable transfer credit can be used to satisfy the requirement. This value is the default.

Four-Year Institution Only: Select to specify that only transfer credit from accredited four-year institutions can be used to satisfy the requirement.

Never Allow: Select to specify that transfer credit can never satisfy the requirement.

Two-Year Institution Only: Select to specify that only transfer credit from accredited two-year institutions can be used to satisfy the requirement.

None: When selected, this value converts to *Always Allow*.

Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

Note. The Advisement School Type field on the School Type Table page contains the value that drives the derived lists in academic advisement. Each school type may belong to an advisement school type. On the School Data page, a school may be identified as a two- or four-year institution.

See *PeopleSoft Recruiting and Admissions 9.0 PeopleBook*, "Setting Up Prospects," Setting Up School Types.

See *PeopleSoft Student Records 9.0 PeopleBook*, "Setting Up Transfer Credit Processing," Defining External Organizations.

Requirement Designation

Select any requirement designation that is a special requirement within this course sequence number.

Typically, this designation is attached to a course and affects one section of that course. A requirement designation may reflect additional work that a student needs to complete in addition to the regular course work; or the designation may be an identifier used to track what sort of requirement this course fulfills. For example, the requirement designation might indicate that the course fulfills the physical education requirement or the architecture design credit. Depending on the setup data in the Requirement Designation table, a separate course grade may or may not be required for designation credit to be earned. If a separate requirement designation grade is required, then you must enter an RD Grade (requirement designation grade) of *Satisfied* on the Grade Roster 2 page or on the Student Enrollment 4 page for the degree audit to include the course. If a separate requirement designation grade is not required, then the student must earn a passing grade in the course for designation credit to be granted. (You define the minimum grade needed.) If a requirement designation is required, then an RD Grade of *Unsatisfied* causes the course to be rejected.

If a separate requirement designation grade is required but the course is still in progress, then the degree audit records the requirement designation as satisfied.

See *PeopleSoft Student Records 9.0 PeopleBook*, "Preparing for the Course Catalog and Schedule of Classes," Defining Requirement Designations.

Valid Begin and Valid End	Enter the date range that specifies when the student must take this course to satisfy the requisite. Leave these fields blank to specify that when the course is or was taken does not matter. In comparing the date range, the system uses the start date of the term in which the course is or was taken.
Course must be GPA material	Select if the course taken to satisfy this requirement needs to be applied toward the student's career GPA calculation. The course cannot be taken on a pass/no pass or audit basis; it must be taken for a grade. The default is cleared.
	<hr/> Important! On the Grading Scheme table, you must select the Include in GPA check box for each individual grade for the Course Must Be GPA Material check box on this page to work. <hr/>
	See <i>PeopleSoft Student Records 9.0 PeopleBook</i> , "Setting Up Grading," Defining Grading Schemes.
Test Credit is Allowed	Select if the course taken to satisfy this requirement can be taken via the test credit portion of the student's academic record. The default is selected.
Other Credit is Allowed	Select if the course taken to satisfy this requirement can be taken via the other credit portion of the student's academic record. Note that internal transfer credit is marked and treated as enrolled credit. The default is selected.
Exclude In-Progress Credit	Select if the course taken to satisfy this requirement must be fully graded to be considered valid. If this check box is not selected, then a nongraded course, a course with a grade of incomplete, or a course in progress is included in the academic analysis and satisfies all parameters. The default is cleared.

Example

In this example, the Exclude In-Progress Credit check box is not selected. To fulfill the English composition requirement, a student must have a minimum of six units and two courses from ENGLCOMP 100 and ENGLCOMP 200.

If the advisement processes dictate that in-progress coursework can fulfill course unit requirements, GPA requirements, or both, then you should not select the Exclude In-Progress Credit check box. Note that the advisement report indicates whether the English composition requirement is satisfied by in-progress work, thus alerting the student, the advisor, or both that the requirement is not entirely satisfied and will not be satisfied until the course is successfully completed.

To build this requirement, first create an academic course list that references ENGLCOMP 100 and ENGLCOMP 200. On the Course List Detail page, insert one row for each course. On the Course List Parameters page, do not select the Exclude In-Progress Credit check box.

Next, create an academic requirement that references the course list. On the Course List Parameters page, enter a Min Units/Course field value of 2 and a Min Grade Points/Unit field value of 6. On the Line Item page, enter a line type of *Course Requirement*. On the Line Item Detail page, enter a line detail type of *CLST* and enter the course list.

Create an academic requirement group that references the academic requirement that you created or attach the academic requirement to some preexisting academic requirement group. On the Requirement Group Detail page, enter a group line type of *Requirement* and reference the academic requirement.

When you run a degree audit report, the requirement appears as satisfied (not bolded) on the audit report. The report also provides a note that the courses used to fulfill the requirement are still in progress. If the courses reported are fully graded, then a note pertaining to in-progress courses is not needed and does not appear in the report.

Chapter 5

Setting Up Academic Requirements

This chapter provides an overview of academic requirements and discusses how to set up academic requirements.

Understanding Academic Requirements

Academic requirements are graduation rules; that is, rules that the students must follow to successfully complete their academic objectives. Academic requirements include requirement parameters, preconditions, connector types, partitions, detail requisites or restrictions, and line item parameters. Requirements can be simple (for example, a minimum grade point average [GPA] of 3.000) or complex (for example, one that has many parts).

After setting up academic requirements, you must attach them to requirement groups. Only then can the audit engine apply a requirement against a student's academic record.

Note.

To improve degree audit runtimes, simplify setup data and requirements. Minimize the number of detail lines and preconditions.

Setting Up Academic Requirements

This section lists prerequisites and common elements, and discusses how to:

- Define academic requirements.
- Specify requirement parameters.
- Create a requirement line item.
- Specify requirement line item parameters.
- Set up requirement line item detail.

Prerequisites

Academic requirements typically reference course lists. Therefore, you should set up course lists before you establish academic requirements.

See Also

Chapter 4, "Setting Up Academic Course Lists," page 29

Common Elements Used in This Chapter**Course Ranking Scheme**

Select a scheme to rank courses only if no other information that would affect course ranking is available. If a student has taken more courses than are needed to meet the requirement and no other course selection information is available, then the value in this field determines the order in which courses are selected to satisfy the requirement. Courses are sorted in this order only for this requirement.

Chronological: Select to rank courses by term (first term to current term).

Course Catalog: Select to rank courses by catalog number (lowest to highest).

Grade Points: Select to rank courses by grade point (highest to lowest). For example, select this value to require students to complete at least five courses in their major with a grade of A.

Reverse Chronological: Select to rank courses by term in reverse order (current term to first term).

Reverse Course Catalog: Select to rank courses by catalog number in reverse order (highest to lowest). For example, select this value to create a requirement that uses 400-level courses before using 100-level courses.

Note. The Course Ranking Schemefield sorts on the field value, but it reports on the audit in chronological order based on term. Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

Search Description, Short Search Description, Description, and Long Description

Enter a search description that is meaningful as a search key. This description appears in search results for requirements. For example, enter *1999 req for PSYCH* (1999 requirements for psychology).

Enter a short search description, which appears on this page only unless you opt to print it on a requirement advisement report (SRRQRADV).

Enter a long description that you can print on the advisement transcript. For example, on the Parameters page, the Print Control value selected affects whether the long description and required parameters are printed on the advisement transcript.

Minimum Units

Enter the minimum total units that are required to satisfy the line number that appears or to satisfy the course requirement.

Pages Used to Set Up Academic Requirements

<i>Page Name</i>	<i>Definition Name</i>	<i>Navigation</i>	<i>Usage</i>
Requirement	ADVIS_REQUIREMENT	Academic Advisement, Academic Requirements, Define Academic Requirements, Requirement	Establish the institution, career, program, plan, subplan, and precondition information for a new academic requirement.
Parameters	ADVIS_RQRMNT_PARM	Academic Advisement, Academic Requirements, Define Academic Requirements, Parameters	Establish the parameters or filters for the specific academic requirement, as well as the type of requirement information to print on the degree audit report.
Line Item	ADVIS_RQRMNT_LINE	Academic Advisement, Academic Requirements, Define Academic Requirements, Line Item	Create a requirement line item.
Line Item Parameters	ADVIS_RQ_LINE_PARM	Academic Advisement, Academic Requirements, Define Academic Requirements, Line Item Parameters	Establish requirement line item parameters. Indicate additional controls for requirement line items.
Line Item Detail	ADVIS_RQ_LN_DETAIL	Academic Advisement, Academic Requirements, Define Academic Requirements, Line Item Detail	Set up additional parameters based on course lists or conditions.

Defining Academic Requirements

Access the Requirement page (Academic Advisement, Academic Requirements, Define Academic Requirements, Requirement).

Requirement	Parameters	Line Item	Line Item Parameters	Line Item Detail
Basic Data Find View All 1 of 1				
Academic Requirement: 000001096 + -				
'Effective Date: 01/01/1900 BT		'Status: Active v		
'Requirement Usage: ADV		Academic Advisement		
Academic Structure				
'Academic Institution: PSUNV		PeopleSoft University		
Academic Career: UGRD Q		Undergraduate		
Academic Program: LAU Q		Liberal Arts Undergraduate		
Academic Plan: ENGL-BA Q		English (BA)		
Academic Sub-Plan: Q				
Description Fields				
'Search Description: ENG Distribution		'Short Search Description: Eng Dist		
'Long Description: English Distribution: complete one of the three following areas with a minimum of four courses in each: Comparative Literature, Poetry and People or Fiction. ✎				
'Report Description: ENG Distribution				
'Report Long Description: English Distribution: complete one of the three following areas with a minimum of four courses in each: Comparative Literature, Poetry and People or Fiction. ✎				
Display of Status				
<input type="checkbox"/> Hide Status				
Pre-Condition				
Condition Code: None v				

Requirement page

Basic Data

Academic Requirement

If you did not specify this unique identifying number when you created the requirement, then the system assigns a number that appears here.

Copy and Copy Mode

The Copy button appears on this page in Add mode only. Two types of requirements are eligible to be copied: academic requirements with a usage field value of *Academic Advisement* and enrollment requirements with a usage field value of *Requisite Restriction*.

To copy an eligible requirement, click the Copy button and enter the requirement to copy. Then, select a copy mode from these values:

Copy last record: Select to copy only the last effective-dated record. This value is the default.

None: This value converts to *Copy last record*.

Copy all records: Select to copy all effective-dated records. Use this field value only if the requirement to be copied has multiple effective-dated rows.

After you select a value in the Copy Mode field, click OK to copy the specified requirement.

You can copy a requirement with a value of *Academic Advisement* and then change the value of the new copy to *Student Individualized Plan* or *Requirement Course Share Restriction*.

Note. If you use the copy feature to create a new requirement, then you cannot assign an academic requirement number to the new requirement. When you save after clicking the Copy button, the system assigns the next sequential number to the new requirement. To assign an unused number to the new requirement, do not click the Copy button. Instead, create the new requirement by entering all of the field values again.

Effective Date

Enter an effective date that reflects the student's requirement term as determined by the requirement group that uses this requirement.

When the advising process applies a requirement group to a student, the requirement term start date of the requirement group academic structure determines which effective-dated row is current for the student. For example, if you define a requirement group to the plan level, then the system uses the student's plan requirement term to determine the effective date for the requirement group. You define student requirement terms in the Student Program/Plan component. The system then uses this requirement term to evaluate the current effective-dated row for all requirements and course lists that the requirement group uses.

Status

Select the status of the academic requirement. Values are:

Active: Select to add a new academic requirement.

Inactive: Select only if your institution no longer uses this academic requirement.

Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

Requirement Usage

Select the value that specifies how this requirement is applied. This field is unavailable for entry unless you are in Add mode.

Academic Advisement: Select to have the system use the data that is recorded on this page to define standard academic requirements or to use the same data on the Requisite Detail page in PeopleSoft Student Records.

Student Individualized Plan: Select to have the system use the data that is recorded on this page as an override, which is set up using the Authorize Student Exceptions pages. A requirement with this value can use courses from course lists that have values of both *Student Individualized Plan* and *Academic Advisement*.

Requirement Course Share Restriction: Select to restrict course sharing during the degree audit process based on data in the Course Share Set table (COURSE_SHARE_SET). This value imposes a limit on the courses that can be shared between the requirement groups that are linked by a common course share set. When you select this value, other fields on other pages in the component are unavailable for entry. For example, the Connector Type field on the Parameters page and the Line Type field on the Line Item page are unavailable. The set of parameters for course share restriction usage is reduced because only one line type is available: *Unit, Course, or GPA Limit* (grade point average limit).

Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

Academic Structure**Academic Institution, Academic Career, Academic Program, Academic Plan and Academic Sub-Plan**

Use these fields to document the departmental owner of the requirement and to make searching and prompting easier. These fields are for documentation and prompting only; they do not affect analysis.

Description Fields**Report Description**

Enter a short but meaningful report description. This description is only used only on My Academic Requirements and its corresponding pdf report. That is, it appears only on advisement reports based on advisement report types (not transcript types) and created using either the SAA_RPT_RQST or SAA_RC_RPTRQST components.

Report Long Description

Enter a meaningful long description. This description appears only on My Academic Requirements and its corresponding pdf report. That is, it appears only on advisement reports based on advisement report types (not transcript types) using either the SAA_RPT_RQST or SAA_RC_RPTRQST components.

Pre-Condition

Select a precondition to restrict application of the requirement to students who match that precondition. For example, if a requirement has a precondition of *Student Group Equal Athlete*, then this requirement applies only to students who have the student group *Athlete*. If this precondition is false for a student, then the system does not apply the requirement to the student, but skips it during analysis.

Important! A null set of entities for a student is considered true for all plurals of that entity for both *In* and *Not In* field values because the null set is included in all entity groups and entity group complements.

Values for this field are delivered with the system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

None: Select to set no precondition. This is the default.

Academic Level: Select to compare the precondition to the student's academic level on the as-of date of the advising process.

Academic Plan: Select to compare the precondition to the student's academic plans (for example, major or minor) within the academic program. If the student has only one plan, then *Academic Plan* and *Primary Academic Plan* reference the same plan.

Academic Plans: Select to specify that all of the student's plans are part of the equation. All of the student's plans must be *in* or *not in* the entity group that you specify.

Academic Program: Select to specify that one of the student's programs is part of the equation. If the student has only one program, then *Academic Program* and *Primary Academic Program* reference the same program.

Academic Programs: Select to specify that all of a student's academic programs are evaluated.

Academic Standing: Select to specify a student's standing at the institution. For example, values might include *good standing*, *probation*, and *dismissal*. You define these values in the Academic Standing Table page. The system evaluates this value against the student based on the as-of date of the advising process.

Academic Sub-Plan: Select to specify that one of the student's subplans is part of the evaluation.

Academic Sub-Plans: Select to specify that all of a student's subplans are part of the evaluation.

Cumulative Grade Point Average: Select to specify a student's cumulative grade point average (GPA), which is derived from the student's term history cumulative statistics, in conjunction with the processing as-of date.

Primary Academic Plan: Select to specify a student's primary academic plan, which is designated by the lowest plan sequence number on the Student Plan page.

For example, in the LAU (Liberal Arts University) program, a student might have two plans, PSYCH (psychology) and CLASSICS MINOR. If PSYCH has a plan sequence number of 10 and CLASSICS MINOR has a plan sequence number of 20, then PSYCH is the primary academic plan. On the Student Plan page, the primary career is designated as student career number 0.

Primary Academic Program: Select to specify a student's primary academic program, which is designated by the lowest career sequence number. On the Student Program page, the primary career is designated as student career number 0.

Student Group: Select to specify a group of students that you define in the Student Group Table page; for example, Athlete and Veteran.

Student Groups: Select to specify that all student groups that contain a student are part of the equation.

Test Score: Select to specify a test score. Upon selecting this value, the following fields become available according to the setup on the Define Tests for Advisement page: Test ID, Test Component, Condition Operator, Test Score, Months Valid, and Test Score Method.

Dynamic Condition: If the precondition is Dynamic Condition, operators are not used and you select a dynamic condition from the Define Dynamic Condition component. The field prompts on dynamic conditions whose requirement usage value matches that of the requirement.

Display of Status

Hide Status

This check box is for use with informational-only type of requirements-- where the requirement setup is such that it does not make sense to display on the advisement report the status of *Satisfied* or *Not Satisfied*. Select the check box if you do not want the status (*Satisfied* or *Not Satisfied*) to appear on the advisement report next to the requirement.

Note. The option to hide the status also exists for the requirement group and requirement line.

Primary Academic Plan and Primary Academic Program

The primary academic plan is designated by the lowest plan sequence number on the Student Plan page. The primary academic program is designated by the lowest career sequence number on the Student Program page. When a student has multiple programs (containing multiple plans), the primary academic plan is not necessarily the lowest plan sequence number in a specified program, but it is the plan with the lowest plan sequence number in the program with the lowest student career number.

For example, suppose that in a LAU program that is attached to a student career number of 0, a student has the PSYCH plan with a plan sequence number of 10. The same student has the ART plan with a plan sequence number of 10 in the FAU (Fine Arts University) program that is attached to a student career number of 1. Both plans have a plan sequence number of 10, but the plan in the program with the lowest career number is the primary plan. In this example, the primary plan is PSYCH, which is related to a student career number of 0 through the LAU program.

See Also

Chapter 13, "Creating and Using Expanded Conditions and Custom Conditions," Defining Expanded Conditions, page 205

PeopleSoft Student Records 9.0 PeopleBook, "Managing Student Programs, Plans, and Subplans," Maintaining Student Program Stacks

Chapter 2, "Understanding Academic Advisement," page 5

Chapter 3, "Setting Up Optional Advisement Data," page 15

Specifying Requirement Parameters

Throughout the advisement application, you can set parameters at a number of different levels. To decrease processing time, use only those parameters that are absolutely necessary for the requirement. For instance, evaluate whether both minimum unit and minimum course count parameters are necessary. If all of the courses that are valid to satisfy the requirement are the same unit value, then it may be possible to remove the unit parameter and simply count courses.

Access the Parameters page (Academic Advisement, Academic Requirements, Define Academic Requirements, Parameters).

Requirement		Parameters		Line Item		Line Item Parameters		Line Item Detail	
Find View All 1 of 1									
Academic Requirement:		000001096		ENG Distribution					
Effective Date:		01/01/1900		Status:		Active			
Unit, Course, and GPA Values									
Minimum Units:		<input type="text"/>		Minimum Courses:		<input type="text"/>			
Minimum GPA:		<input type="text"/>		Min Grade Points/Unit:		<input type="text"/>			
Resolution Methodology									
'Course Ranking Scheme:		Chronological							
'Credit Include Mode:		All Stats							
Choice Resolution Method:		Investigate All Combinations							
Connector Type		<input type="radio"/> AND		<input checked="" type="radio"/> OR		Min Partitions to Complete:		<input type="text" value="1"/>	
				Max Partitions to Allow Credit:		<input type="text" value="1"/>			
Display Control									
'Reporting:		Always Report							
'Print Control:		Print on audit reports							
Display if Satisfied									
<input type="checkbox"/> GPA		<input type="checkbox"/> Units		<input type="checkbox"/> Course Count					
Sharing									
<input type="checkbox"/> Partition Sharing									

Parameters page

Note. For requirement parameters to work, you must define detail lines on the Line Item page. You can set up the parameters first, but detail lines are necessary for the parameters to take effect.

The fields on this page are identical to the fields on the Requirement Group Parameters page. If the parameters that are entered on the Parameters page are greater than the parameters that are entered on the Requirement Group Parameters page, then the parameters on the Parameters page override those that are specified at the requirement group level. *Always* specify parameters at the lowest level possible.

For example, if the requirement specifies that the minimum number of units is 24, and the requirement group specifies that the minimum is 18, then the audit attempts to find 24 units. The reciprocal is also true: If the requirement minimum is 6 units, and the requirement group minimum is 10 units, then the audit engine searches for 10 units.

If a requirement (or a requirement group) needs a minimum number of units or courses that is greater than the sum of the specific line requirements, and the Credit Include Mode field value is *All Stats* (all course statistics) at the requirement (or requirement group) level, then the advisement engine first uses as many units or courses as needed to satisfy the lowest parameter level. For example, if a single requirement line needs one course, and a requirement group points to that requirement (which requires two courses), then set the minimum course parameter to 1 at the requirement line level and set it to 2 at the requirement group parameters level.

Unit, Course, and GPA Values**Minimum GPA**(minimum grade point average)

Enter the minimum overall GPA requirement for classes selected to satisfy this requirement. For example, if a requirement states that the student needs to take four Math 100-level classes with an overall GPA of 3.000 for a total of 12 units, enter 3.000 in this field. In-progress courses or grades that are not included in the GPA (for example, pass and no pass or transfer credit grades) satisfy the minimum GPA requirement.

Important! Any value in this field populates the Line Item Parameters page.

Minimum Courses

Enter the minimum number of courses that are needed for this requirement. To include courses that are worth 0 units and one course count for the requirement, you must specify a value in this field. If the Minimum Units field contains a field value but this field does not, then the audit does not use courses such as remedial courses that are worth 0 units.

Min Grade Points/Unit
(minimum grade points/unit)

Enter the minimum grade points per unit for each class that is selected to satisfy this requirement. The system uses this value as the default value for each detail line, where you can override it.

Resolution Methodology

Credit Include Mode

Select how courses in the requirement are included in the degree audit:

All Stats: Select to report all course statistics. A course that is captured by an *All Stats* requirement is permanently used for that requirement and cannot be counted toward any other *All Stats* requirement.

Excl GPA (exclude grade point average): Select to exclude courses in this requirement from the GPA of the overall requirement group GPA that contains this requirement. As with *All Stats*, a course that is captured by an *Excl GPA* requirement is permanently used for that requirement and cannot be counted toward any other *All Stats* or *Excl GPA* requirement.

Verify: Select to specify that the system verifies that the course was taken, but does not record credit for passage up to the requirement group. A course that is captured by a *Verify* requirement can be used by another *Verify*, *Excl GPA*, or *All Stats* requirement. However, the course is counted toward requirement completion. For example, for an undergraduate diversity requirement, verify that all undergraduate students who are following a particular catalog year complete at least one course with a multicultural component. Set to *Verify*, this requirement verifies the existence of the multicultural course and releases it for use toward another requirement, such as a general education social studies requirement or a women's studies minor requirement.

Important! When the Credit Include Mode value is *Verify*, the parameters (Minimum Units and Maximum Units Allowed values) act as boundaries for determining a truth value. For example, if the value of Minimum Units is *6.0*, then the value of Maximum Units Allowed is *15.0*, and the student has fewer than 6 or more than 15 units, then the truth value is false. If the student is within this range, then the truth value is true. The *Verify* value accepts and reports all courses that match the course list, whereas the *All Stats* and *Excl GPA* lines use the minimum or maximum values to exclude courses from use for the requirement, so that they can be used elsewhere in the audit.

Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

Choice Resolution Method

Select the preferred method of analyzing the selection of courses in multiple partitions in an AND or an OR statement:

None: Same as Satisfy in Sequential Order.

Satisfy in Sequential Order: Select to specify that the system evaluates lines in sequential order except for limits that are analyzed first. For example, if the requirement is Line 10 OR Line 20 OR Line 30 OR Line 40, where partition sharing is *not* enabled and the minimum number of partitions to complete is two, then any partitions must be satisfied, even though Line 10 and Line 20 are analyzed first.

In another example, if a requirement is Line 10 OR Line 20, then a course that can satisfy both Line 10 and Line 20 is used to satisfy Line 10 if Line 10 is not already satisfied. If a student has completed Math 1 and Math 5, and Line 10 requires Math 1 and Math 2 and Line 20 requires Math 1 and Math 5, then Math 1 is used to satisfy Line 10, not Line 20. When the value is *Satisfy in Sequential Order*, a student can satisfy Line 20 before Line 10 if the lines require different courses and the student has completed the required courses for Line 20.

Investigate All Combinations: Select to specify that after the system analyzes limits, it sorts detail lines to find the best combination with regard to the requirement. If the requirement is Line 10 OR Line 20 OR Line 30 OR Line 40, where partition sharing is *not* enabled, and the minimum number of partitions to complete is two, then courses that satisfy multiple partitions can be used in any two of the lines.

Connector Type

Select the main connector type for this requirement. The connector type specifies the main (default) Boolean operator that is to be used in the equation that contains the detail lines. Detail lines that are joined by the opposite of the main connector type are grouped into one partition. Detail lines that are joined by the main connector are considered as individual components (or partitions) of the equation. A partition is each detail line in the equation or each set of detail lines that are grouped by parentheses.

For example, if the connector type is AND and the detail lines are A OR B AND C OR D AND E, then the detail appears on the page as (A OR B) AND (C OR D) AND E. The first partition is (A OR B), the second partition is (C OR D), and the third partition is E. The main connector (that is, the connector that joins the partitions) is AND. (The connector that joins components within a partition is always the opposite of the main connector type.)

In another example, if the main connector is OR and the detail lines are A OR B AND C OR D, then the detail appears on the page as A OR (B AND C) OR D. The first partition is A, the second partition is (B AND C), and the third partition is D. The system uses the Connector Type value as the connector default on the Line Item page when you insert rows.

If the connector type is OR, then the following page elements are available for entry: the Partition Sharing, Min Partitions to Complete, and Max Partitions to Allow Credit check boxes and the Print Control drop-down list

Important! Regardless of which Choice Resolution Method value you select, if the student does not meet the requirements of any of the lines, then the audit lists the courses that are available to fulfill each of the partitions. If the student meets the requirements for the minimum number of partitions, then the audit lists only the courses for the satisfied partitions.

Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

Min Partitions to Complete
(minimum partitions to complete)

Enter the minimum number of partitions that the student must complete to satisfy the requirement. For example, in the statement A OR B OR (C AND D), if the value in this field is 2, then the audit engine searches for two of the three partitions.

Max Partitions to Allow Credit (maximum partitions to allow credit)

Enter the maximum number of partitions that the system can credit toward meeting a requirement. For example, you might use this feature in a distribution requirement where a student must meet five of seven requirement partitions, but cannot get credit for more than five partitions.

Display Control

Reporting

The Reporting field values *Report Only When Satisfied* and *Report Only When Not Satisfied* suggest that only display of data is suppressed. However, the selection of a Reporting field value other than *Always Report* changes the processing logic for the requirement. The audit engine checks the Reporting field value after all other processing is completed. The requirement's status (Satisfied or Not Satisfied) is compared against the Reporting field value (*Report if Satisfied* or *Report if Not Satisfied*). If the values do not agree (that is, both are satisfied or both are unsatisfied), the requirement and all requirement lines attached to the requirement are deleted from the report results. Consequently, the requirement will not appear on the report.

Always Report: Select to always report the requirement, regardless of the completion status.

Note. To ensure consistent results, use the Reporting field value of *Always Report*.

Report Only When Not Satisfied: Select to report the requirement only if the student does not successfully complete it. For example, you might select this value to report a probationary status message, from the Satisfactory Academic Progress office, for all students who do not complete a minimum number of units or a minimum grade point average per term.

Use the Credit Include Mode of *Verify* when using *Report Only When Not Satisfied* to avoid reports that will not be consistent after the requirement is satisfied.

If the Credit Include Mode is *All Stats*, the audit will not capture courses or calculate statistics for the courses used in the requirement after the requirement is satisfied. Not capturing the courses prevents course and statistical information for those non-displayed courses from rolling up into the requirement group attached to the requirement. If the course were captured, the report results would be confusing because it would not be apparent why the course is not used elsewhere in the audit.

Report Only When Satisfied: Select to report this requirement only when the student successfully completes it. For example, you might select this value to report honors status.

This value should only be used when it is appropriate to display a message in the report when the requirement is satisfied and the status of the requirement has no bearing on the status of the requirement group.

The process will not pass a Not Satisfied value to the requirement group for the particular requirement if the requirement is set to *Report Only When Satisfied* and the requirement is not satisfied. If it did, the report would be confusing because all requirements of the requirement group might be satisfied except the requirement not displayed. Because there is no display of the failed requirement, the process will treat the non-displayed requirement as satisfied.

Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

Print Control

Select a value to control whether the long description from the Requirement page and the required parameters from the Parameters page are printed on the degree audit report. This field controls *only* the requirement level, not the requirement group or the requirement line level. Values are:

Print on Audit Reports: Select to specify that the system always prints requirement information (the long description and the required parameters) on the report.

Do Not Print: Select to specify that the system never prints requirement information (as well as the line item parameter information) on the report.

Print If There is Line Detail: Select to specify that if line detail is used to satisfy this requirement, then the system prints the information on the report in addition to the requirement information.

Skip Printing of This Level: Select to specify that the system prints requirement lines (but not a description of the requirement itself) on the report. This value is not used in analysis; it affects the printout format only.

Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

Display If Satisfied

GPA(grade point average)

If this check box is cleared, the report displays the GPA value based on the print control matrix in PeopleBooks.

Note. Previously, if a GPA were required, the actual GPA would display if a processing level were satisfied. This functionality will not change, even if this check box is cleared.

If this check box is selected and a minimum GPA is entered, the report displays the required GPA and the calculated GPA for the specific processing level if it is satisfied.

If this check box is selected and no minimum GPA is entered, the report displays the calculated GPA for the specific processing level if it is satisfied.

Units

If this check box is cleared, the report displays the appropriate units values based on the print control matrix in PeopleBooks.

If this check box is selected and minimum units are entered, the report displays the required units and the calculated units for the specific processing level if it is satisfied.

If this check box is selected and no minimum units are entered, the report displays the calculated units for the specific processing level if it is satisfied.

Course Count

If this check box is cleared, the report displays the appropriate course count values based on the print control matrix in PeopleBooks.

If this check box is selected and a minimum course count is entered, the report displays the required course count and the calculated course count for the specific processing level if it is satisfied.

If this check box is selected and no minimum course count is entered, the report displays the calculated course count for the specific processing level if it is satisfied.

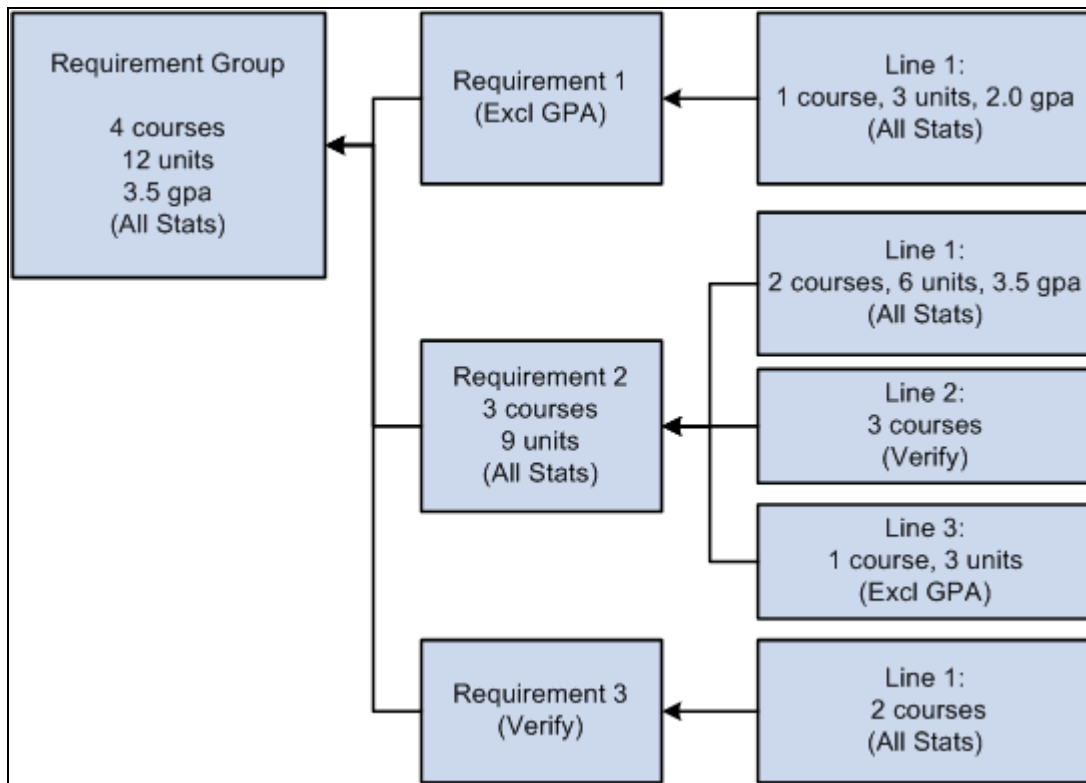
Sharing**Partition Sharing**

Select if partitions can share courses. (The default for this check box is cleared, not selected.) For example, in the statement (A OR B) AND (B OR D), there are two partitions. If the student took course B, then only one or both partitions would be satisfied, depending on whether sharing was enabled. If the Credit Include Mode value is *Verify*, then you do not need to activate partition sharing. However, if a history course satisfies both the general education requirement and the writing requirement, then select this check box to share courses on those two requirement lines.

In another example, the statement is (A AND B) OR (C AND D) OR (A AND F) OR (C AND G). The value of Min Partitions to Complete is 2, and Partition Sharing is selected. If the student took courses A, B, and F or courses C, D, and G, then the statement is satisfied.

Example of Credit Include Mode

In the following example, the requirement group requires a total of four courses for 12 units with a combined minimum GPA of 3.5. The three detail lines (requirements) contribute to these parameters according to the Credit Include Mode value that is assigned at each level.



Credit Include Mode diagram

Requirement 1 has one detail line. The line requires one course of 3 units with a minimum GPA of 2.0. The Credit Include Mode value for this line is *All Stats*, so that the units, course count, and GPA can be passed to the requirement level. The requirement Credit Include Mode value is *Excl GPA*, so that only the units and course count to contribute to the minimum parameters that are required at the requirement group level.

Requirement 2 requires a minimum of three courses for a total of 9 units. Line 1 requires two courses with a minimum of six units and a minimum GPA of 3.5. Credit Include Mode for this line is set to *All Stats*, so all information is passed to the requirement level. Because this is the only line that contributes to the GPA at the requirement level, the GPA that is required at the requirement group level is derived from the courses that are captured here. Line 2 requires three courses, but the Credit Include Mode value at this level is *Verify*, so no course information is passed to the requirement level. No courses that are used here contribute to the three courses or 9 units at the requirement level. This line only helps to satisfy the overall requirement by passing a true (if the three courses are found) or false. Line 3 requires one course of 3 units. Credit Include Mode for this line is set to *Excl GPA*, which prohibits the line from contributing to the minimum 3.5 GPA at the requirement group level. Only the course count and units are passed to the requirement level.

Requirement 3 has one detail line that requires two courses. The Credit Include Mode value for this line is *All Stats*, so courses are used to satisfy this line, and the course count, units, and GPA are passed to the requirement level. However, the Credit Include Mode value for the requirement is *Verify*, so no course information is passed to the requirement group level. This requirement passes a true or false value to the requirement group level and is used in determining the completion status of the overall requirement group.

Example of Choice Resolution Method

When the choice resolution method is *Satisfy in Sequential Order* and a requirement is Line 10 *OR* Line 20, the system uses a course that could satisfy both lines to satisfy Line 10 if Line 10 is not already satisfied. For example, if a student has completed Math 1 and Math 5, and Line 10 requires Math 1 and Math 2 and Line 20 requires Math 1 and Math 5, then Math 1 is used in Line 10, not Line 20. (When the choice resolution method is *Satisfy in Sequential Order*, a student can satisfy Line 20 before Line 10 if the lines require different courses and the student has completed the required courses for Line 20.)

If you change the choice resolution method for this example to *Investigate All Combinations*, then the system could use Math 1 to satisfy either Line 10 or Line 20. Because using it in Line 20 in this example completes the requirement, it is the best combination and the system would therefore use it.

This table shows the effect of using the choice resolution methods:

Requirement	Satisfy in Sequential Order	Investigate All Combinations
Requirement 1234 Minimum Partition = 1 OR Connector Type	Requirement not satisfied	Requirement satisfied
Line 0010 Minimum 2 courses Course list of Math 1 and Math 2	Math 1	NA (Not Applicable)
OR	NA	NA
Line 0020 Minimum 2 courses Course list of Math 1 and Math 5	Math 5	Math 1 and Math 5

In another example, when lines are joined with an AND connector, the choice resolution method again decides where the system should use classes, if the classes can be used in multiple lines and partition sharing is not enabled. In this scenario, then the student completes Math 1 and Math 2 with this setup:

Requirement	Satisfy in Sequential Order	Investigate All Combinations
Requirement 5678 AND Connector Type	Requirement not satisfied	Requirement satisfied
Line 0010 Minimum 1 course Course list of Math 1 and Math 2	Math 1	Math 2

Requirement	Satisfy in Sequential Order	Investigate All Combinations
AND	NA	NA
Line 0020 Minimum 1 course Course list of Math 1 and Math 5	NA	Math 1

How Requirement Lines and Partitions are Sorted

When you run the process to generate an advisement report, the system calls a routine (SRPCARN1) that calculates the priority of lines if the requirement contains partitions or if it is an OR requirement. The system processes the lines and assigns a priority to the lines to select the best solution. The status of the line, indicated by a key value, determines how lines are sorted.

The four key values and the line status they represent are:

- 3: The line is satisfied.
- 2: The line is not satisfied, but courses have been used.
- 1: The line is not satisfied, no courses have been used, but either courses are qualified or conditions have been used.
- 0: The line has no courses or conditions.

The system gives priority to all satisfied lines over incomplete or unused lines. The logic applies to both *Satisfy in Sequential Order* and *Investigate All Combinations*. However, if the choice resolution method is *Investigate All Combinations*, then the system calculates priority differently based on the parameters (for example, minimum units) that are passed to the routine. The following lists show the priority in which the lines are selected when you use the *Investigate All Combinations* option. The value in parentheses (descending or ascending) represents the priority order. For example Line GPA (descending) means that priority is given to lines where the GPA value is highest.

If you require minimum units for the requirement group or requirement, lines are selected in this order: in parentheses are the order (ascending or descending) in which items are prioritized:

1. Line status (descending).
2. Line units (descending).
3. Line courses (descending).
4. Line GPA (descending).
5. Line qualified units (descending).
6. Line qualified courses (descending).
7. Line qualified GPA (descending).

If no minimum units are required and minimum courses are required for the requirement group or requirement:

1. Line status (descending).
2. Line courses (descending).
3. Line units (descending).
4. Line GPA (descending).
5. Line qualified courses (descending).
6. Line qualified units (descending).
7. Line qualified GPA (descending).

If no minimum units or courses are required and a minimum GPA is required for the requirement group or requirement:

1. Line status (descending).
2. Line GPA (descending).
3. Line units (descending).
4. Line courses (descending).
5. Line qualified GPA (descending).
6. Line qualified units (descending).
7. Line qualified courses (descending).

If no minimum values are required for the requirement group or requirement:

1. Line status (descending).
2. Line rank (ascending).
3. Line number (ascending).

How Courses are Sorted

When you run the advisement process, the system calls a routine (SRPCARN2) that determines how courses are sorted. Some course characteristics may alter the sort order. The first characteristic that alters the sort order is the course status. The audit engine examines the course status as it creates a solution that explains how the course was used. The possible course status values are:

- The course is a substituted course, which you defined on the Course Substitution page or in the Authorize Student Exceptions component.
- The course is an excluded course, which you defined in the Authorize Student Exceptions component.
- The course is soft-excluded, which is a course that is excluded when limits or course and unit maximums on requirement lines are reached. The types of limits that cause a course to be soft-excluded are a unit, course or GPA limit, a global limit, a sequential restriction, and a global sequential restriction.
- The course is not substituted or excluded.

This high-level sort order ensures that courses that are substituted are given priority over regular courses, and that courses that are flagged for exclusion are given the lowest priority. Another characteristic is the course ranking. By default, this value is set to the order in which the course is passed into the routine.

Based on parameters that are passed into the sort routine, courses are sorted in this order:

Chronological Sort

1. Status of the course (ascending).
2. Term (ascending).
3. Course units (descending).
4. Course ranking (ascending).

Reverse Chronological Sort

1. Status of the course (ascending).
2. Term (descending).
3. Course units (descending).
4. Course ranking (ascending).

Grade Points Sort

1. Status of the course (ascending).
2. Grade points for the course (descending).
3. Course units (descending).
4. Course ranking (ascending).

Catalog Number Sort

1. Status of the course (ascending).
2. Catalog number (ascending).
3. Course units (descending).
4. Course ranking (ascending).

Reverse Catalog Number Sort

1. Status of the course (ascending).
2. Catalog number (descending).
3. Course units (descending).
4. Course ranking (ascending).

Combinations of Print Control and Credit Include Mode Values

The Print Control field appears on the Parameters page and on the Line Item Parameters page. The Credit Include Mode field appears on the Requirement Group Parameters page, the Parameters page, and the Line Item Parameters page. Depending on the values for Print Control and Credit Include Mode, some combination of the requirement group long description, the requirement long description, the requirement line long description, the courses, and the conditions is printed on the audit report.

The following table shows almost all possible combinations of the Print Control and Credit Include Mode values and whether long descriptions, course, or condition data prints on the advisement report.

Note. Often, more than one combination results in the same information being printed on the audit report. For example, the settings in lines 8 and 10 of the following table cause the same information to be printed.

Table Legend

The following is a legend of credit include mode and print control values used in the table:

- AS: All Stats.
- DNP: Do Not Print.
- PITILD: Print If There Is Line Detail.
- SPOTL: Skip Printing of This Level.
- POAR: Print On Audit Reports.
- DNPLD: Do Not Print Line Detail.
- VER: Verify.
- ANY: Any field value.

Notes

Note the following information about the table:

- *Yes* and *No* values on the table indicate whether the item appears on the advisement report.
- The *Exclude GPA* value is not included in this table because the results are the same as the results of the *All Stats* settings.
- Entries are based on a requirement with a course or condition line type that is partially or completely satisfied.
- The Reporting field on the Parameters page is not included.

<i>Req Grp Credit Incl Mode</i>	<i>Req Grp Long Descr</i>	<i>Req Credit Incl Mode</i>	<i>Req Print Cntrl</i>	<i>Req Long Descr</i>	<i>Req Line Credit Incl Mode</i>	<i>Req Line Print Cntrl</i>	<i>Req Line Long Descr</i>	<i>Crse or Cond Data</i>
AS	Yes	AS	DNP	No	AS	DNP	No	No
AS	Yes	AS	DNP	No	AS	DNPLD	No	No
AS	Yes	AS	DNP	No	AS	PITILD	No	No
AS	Yes	AS	DNP	No	AS	SPOTL	No	No
AS	Yes	AS	DNP	No	AS	POAR	No	No
AS	Yes	AS	PITILD	Yes	AS	DNP	No	No
AS	Yes	AS	PITILD	Yes	AS	DNPLD	Yes	No
AS	Yes	AS	PITILD	Yes	AS	PITILD	Yes	Yes
AS	Yes	AS	PITILD	Yes	AS	SPOTL	No	Yes
AS	Yes	AS	PITILD	Yes	AS	POAR	Yes	Yes
AS	Yes	AS	SPOTL	No	AS	DNP	No	No
AS	Yes	AS	SPOTL	No	AS	DNPLD	Yes	No
AS	Yes	AS	SPOTL	No	AS	PITILD	Yes	Yes
AS	Yes	AS	SPOTL	No	AS	SPOTL	No	Yes
AS	Yes	AS	SPOTL	No	AS	POAR	Yes	Yes
AS	Yes	AS	POAR	Yes	AS	DNP	No	No
AS	Yes	AS	POAR	Yes	AS	DNPLD	Yes	No

<i>Req Grp Credit Incl Mode</i>	<i>Req Grp Long Descr</i>	<i>Req Credit Incl Mode</i>	<i>Req Print Cntrl</i>	<i>Req Long Descr</i>	<i>Req Line Credit Incl Mode</i>	<i>Req Line Print Cntrl</i>	<i>Req Line Long Descr</i>	<i>Crse or Cond Data</i>
AS	Yes	AS	POAR	Yes	AS	PITILD	Yes	Yes
AS	Yes	AS	POAR	Yes	AS	SPOTL	No	Yes
AS	Yes	AS	POAR	Yes	AS	POAR	Yes	Yes
AS	Yes	VER	DNP	No	VER	DNP	No	No
AS	Yes	VER	DNP	No	VER	DNPLD	No	No
AS	Yes	VER	DNP	No	VER	PITILD	No	No
AS	Yes	VER	DNP	No	VER	SPOTL	No	No
AS	Yes	VER	DNP	No	VER	POAR	No	No
AS	Yes	VER	PITILD	No	VER	DNP	No	No
AS	Yes	VER	PITILD	No	VER	DNPLD	No	No
AS	Yes	VER	PITILD	No	VER	PITILD	No	No
AS	Yes	VER	PITILD	No	VER	SPOTL	No	No
AS	Yes	VER	PITILD	No	VER	POAR	No	No
AS	Yes	VER	SPOTL	No	VER	DNP	No	No
AS	Yes	VER	SPOTL	No	VER	DNPLD	No	No
AS	Yes	VER	SPOTL	No	VER	PITILD	No	No
AS	Yes	VER	SPOTL	No	VER	SPOTL	No	No

<i>Req Grp Credit Incl Mode</i>	<i>Req Grp Long Descr</i>	<i>Req Credit Incl Mode</i>	<i>Req Print Cntrl</i>	<i>Req Long Descr</i>	<i>Req Line Credit Incl Mode</i>	<i>Req Line Print Cntrl</i>	<i>Req Line Long Descr</i>	<i>Crse or Cond Data</i>
AS	Yes	VER	SPOTL	No	VER	POAR	No	No
AS	Yes	VER	POAR	Yes	VER	DNP	No	No
AS	Yes	VER	POAR	Yes	VER	DNPLD	No	No
AS	Yes	VER	POAR	Yes	VER	PITILD	No	No
AS	Yes	VER	POAR	Yes	VER	SPOTL	No	No
AS	Yes	VER	POAR	Yes	VER	POAR	No	No
AS	Yes	AS	DNP	No	VER	DNP	No	No
AS	Yes	AS	DNP	No	VER	DNPLD	No	No
AS	Yes	AS	DNP	No	VER	PITILD	No	No
AS	Yes	AS	DNP	No	VER	SPOTL	No	No
AS	Yes	AS	DNP	No	VER	POAR	No	No
AS	Yes	AS	PITILD	Yes	VER	DNP	No	No
AS	Yes	AS	PITILD	Yes	VER	DNPLD	Yes	No
AS	Yes	AS	PITILD	Yes	VER	PITILD	Yes	Yes
AS	Yes	AS	PITILD	Yes	VER	SPOTL	No	Yes
AS	Yes	AS	PITILD	Yes	VER	POAR	Yes	Yes
AS	Yes	AS	SPOTL	No	VER	DNP	No	No

<i>Req Grp Credit Incl Mode</i>	<i>Req Grp Long Descr</i>	<i>Req Credit Incl Mode</i>	<i>Req Print Cntrl</i>	<i>Req Long Descr</i>	<i>Req Line Credit Incl Mode</i>	<i>Req Line Print Cntrl</i>	<i>Req Line Long Descr</i>	<i>Crse or Cond Data</i>
AS	Yes	AS	SPOTL	No	VER	DNPLD	Yes	No
AS	Yes	AS	SPOTL	No	VER	PITILD	Yes	Yes
AS	Yes	AS	SPOTL	No	VER	SPOTL	No	Yes
AS	Yes	AS	SPOTL	No	VER	POAR	Yes	Yes
AS	Yes	AS	POAR	Yes	VER	DNP	No	No
AS	Yes	AS	POAR	Yes	VER	DNPLD	Yes	No
AS	Yes	AS	POAR	Yes	VER	PITILD	Yes	Yes
AS	Yes	AS	POAR	Yes	VER	SPOTL	No	Yes
AS	Yes	AS	POAR	Yes	VER	POAR	Yes	Yes
AS	Yes	VER	DNP	No	AS	DNP	No	No
AS	Yes	VER	DNP	No	AS	DNPLD	No	No
AS	Yes	VER	DNP	No	AS	PITILD	No	No
AS	Yes	VER	DNP	No	AS	SPOTL	No	No
AS	Yes	VER	DNP	No	AS	POAR	No	No
AS	Yes	VER	PITILD	No	AS	DNP	No	No
AS	Yes	VER	PITILD	No	AS	DNPLD	No	No
AS	Yes	VER	PITILD	No	AS	PITILD	No	No

<i>Req Grp Credit Incl Mode</i>	<i>Req Grp Long Descr</i>	<i>Req Credit Incl Mode</i>	<i>Req Print Cntrl</i>	<i>Req Long Descr</i>	<i>Req Line Credit Incl Mode</i>	<i>Req Line Print Cntrl</i>	<i>Req Line Long Descr</i>	<i>Crse or Cond Data</i>
AS	Yes	VER	PITILD	No	AS	SPOTL	No	No
AS	Yes	VER	PITILD	No	AS	POAR	No	No
AS	Yes	VER	SPOTL	No	AS	DNP	No	No
AS	Yes	VER	SPOTL	No	AS	DNPLD	No	No
AS	Yes	VER	SPOTL	No	AS	PITILD	No	No
AS	Yes	VER	SPOTL	No	AS	SPOTL	No	No
AS	Yes	VER	SPOTL	No	AS	POAR	No	No
AS	Yes	VER	POAR	Yes	AS	DNP	No	No
AS	Yes	VER	POAR	Yes	AS	DNPLD	No	No
AS	Yes	VER	POAR	Yes	AS	PITILD	No	No
AS	Yes	VER	POAR	Yes	AS	SPOTL	No	No
AS	Yes	VER	POAR	Yes	AS	POAR	No	No
VER	Yes	ANY	ANY	No	ANY	ANY	No	No

See Also

Chapter 5, "Setting Up Academic Requirements," Setting Up Requirement Line Item Detail, page 91

Creating a Requirement Line Item

Access the Line Item page (Academic Advisement, Academic Requirements, Define Academic Requirements, Line Item).

Requirement	Parameters	Line Item	Line Item Parameters	Line Item Detail
Find View All 1 of 1				
Academic Requirement:	000001096	ENG Distribution		
Effective Date:	01/01/1900	Status:	Active	
Line Item Find View All 1 of 3				
Basic Data + -				
Refresh Parentheses Line: 0010				
*Line Type: Course Requirement				
Description Fields				
*Search Description: Comparative Lit		*Short Search Description: CompLit		
*Long Description: Comparative Literature:				
*Report Description: Comparative Lit				
*Report Long Description: Comparative Literature:				
Display of Status				
<input type="checkbox"/> Hide Status				
Pre-Condition				
Condition Code: None				

Line Item page

This page contains the detail line type for a specific academic requirement.

A line type of *Global Limit*, *Global Sequential Restriction*, *Sequential Restriction* or *Unit, Course, or GPA Limit* is enforced only for academic requirements with a Credit Include Mode value of *All Stats*. Requirements with a Credit Include Mode value of *Verify* are not held to these limits.

However, requirement lines with a Credit Include Mode value of *Verify* can use the course list equation to force a global limit or global sequential restriction to apply by subtracting a derived course list with a List Recall Mode value of *Used by Requirement* (as long as the requirement contains the global limit or restriction). A List Recall Mode value of *Used by Requirement* points to a course list that contains all courses that exceed the limit or violate the restriction, so that these courses can be subtracted from a requirement with a Credit Include Mode value of *Verify*. A requirement line with a Credit Include Mode value of *Verify* cannot implement a local restriction because the line might specify a local check instead.

Basic Data

Refresh Parentheses

Click to refresh and display the parentheses after you add new detail lines. If you add new lines and connectors, then the existing display may not show the parentheses in the correct position. You can also update the display of parentheses by saving the page. You cannot explicitly set parameters to group detail rows.

If the main connector type is AND, then the system creates partitions where AND is the main connector. For example, if you enter A OR B AND C OR D, then the implied statement is (A OR B) AND (C OR D).

If the main connector type is OR, then the system creates partitions where OR is the main connector. For example, if you enter A OR B AND C OR D, then the implied statement is A OR (B AND C) OR D.

When the connector field is available for a new line, select a value in the AND/OR field to specify how this detail line is connected with the previous detail line. If you select *NONE*, then the field value populates the Connector Type field on the Parameters page.

Line

The system assigns this sequential line number, but you can override it. (Computer-generated line numbers are assigned in increments of 10.) This number determines the order in which the system evaluates the detail lines. When adding a new line, replace the value *NEW* with the next sequential line number.

Line Type

Select the line type of the requirement:

Condition Requirement: Requires conditions that are associated with the student.

The Complement of Line Conditions check box appears on the page for this line type.

If the check box is selected and the conditions that are stated on the Line Item Detail page are true, then false is recorded. If the check box is selected and any conditions stated on the Line Item Detail page are false, then true is recorded.

If the check box is cleared and the conditions stated on the Line Item Detail page are true, then true is recorded. If the check box is cleared and any conditions that are stated on the Line Item Detail page are false, then false is recorded. For example, if the condition requires a cumulative GPA of greater than 3.5, and the student has a GPA of 3.0, then false is recorded.

If the check box is selected and the same example applies, then true is recorded because the student does meet the condition (which now requires a cumulative GPA of less than 3.5).

Note. The words "True" and "False" appear on the advisement transcript. The interactive advisement report and .pdf file display the words "Satisfied" and "Not Satisfied."

Course Requirement: Specify a course list (static or derived) from which the student must take individual courses. You can specify the number of course units and courses on the Line Item Parameters page.

Global Limit: Takes effect when it is encountered by the audit and affects all requirement groups that use a Credit Include Mode value of *All Stats* or *Excl GPA* that are evaluated after the limit is encountered. The *Global Limit* line type is usually attached to a requirement group that is designated at the career level with a reporting sequence of 1. If a global limit is set at the career level with a reporting sequence of 1 and the lowest requirement number, then it applies to the student's entire audit. However, if the global limit is set at the plan level with the highest reporting sequence number, then it applies only to the plan requirement groups that are evaluated after this plan and any subplan requirement groups. The limits usually affect courses that are taken from a specific course list, units, or GPA in course requirement lines and specific course lines. For example, you could use this line type to ensure that a student uses no more than 9 units of remedial work toward the total number of units that are required to graduate. In addition, this line type splits courses even if the Enable Splitting check box on the Line Item Parameters page is cleared.

Important! Again, the system applies the global limit to a degree audit only when it is encountered. Establish the limit at the highest level possible (for example, career) or wherever appropriate. Use preconditions as necessary to specify groups within the highest level to which you want to apply the limit.

Global Sequential Restriction: Select to check all courses on the student's record to verify that the student took the courses in the proper sequential order (as specified in the course list). If any courses are out of order, then they are excluded from the entire audit at the academic level (for example, career, program, plan, or subplan) where the restriction is encountered and below. For example, to enforce a particular sequence of courses for the entire audit, attach the restriction requirement to a requirement group at the career level (highest academic structure level and evaluated first) with a reporting sequence of 1. Then, the restriction is encountered early in the audit process and applied throughout the remainder of the audit.

Sequential Restriction: Select to check all courses that are used by the stated requirement or other target to verify that the student took the required courses in the correct order. *Used* courses are those courses that are captured by a requirement with a Credit Include Mode value of *All Stats*. The system does not evaluate courses that are captured by requirements with a Credit Include Mode value of *Verify*. (You define local targets on the Line Item Detail page. In the absence of a local target, the default target is the current requirement.) If the courses that are taken do not match the specified sequence in the course list, then the out-of-sequence courses are disallowed in the course requirement lines and specific course lines, but are available for use by other requirements. The sequential restriction is different from a global sequential restriction in that it applies to a specific requirement, rather than to the entire audit.

See [Appendix B, "Sequential Restriction Examples,"](#) page 305.

Note. Local limits and sequential restrictions are limits that apply to a particular requirement or group of requirements. A local target (or requirement line target) is a set of requirements that is limited by the local limit or restriction. The system checks local limits and restrictions against targets.

Specified Courses: Select to specify a course list from which the student must take at least one of each course that is represented in the course list. For example, if the course list consists of English 100, History 100, and a wildcard for math, then the student must complete a minimum of one English 100, one History 100, and one math course. The Minimum Units and Minimum Courses fields on the Line Item Parameters page refer to the number of times that the student must take each course in the course list. Leave these fields blank to require one instance for each course. Insert a value to require the student to take each course in the course list more than once. The Minimum Units and Minimum Courses fields on the Requirement Parameters page refer to the overall number of courses or units that the student must complete for the entire requirement, including all requirement lines.

The Specified Courses line type is intended to be used when the user requires the student to take *multiple* iterations of *each* course on the course list. For example, if the minimum courses value is 3, then the student must complete three enrollments of *each* course on the associated course list.

The recommendation is that institutions create requirements using the least complex setup in terms of processing logic. Specified Courses functionality processing logic can be complex and can have unintended impacts if users have defined requirement level parameters.

If the goal is to require the student to take just one of each of the courses on the associated course list, your institution can alternatively set up a Course Requirement line type and specify one course or the minimum units that represents one course. The user can use the report long description fields to explain what is required and can use the print control settings to display the description and parameters as appropriate.

Unit, Course or GPA Limit: Select to check courses that are used by the requirement in which it resides or another local target to enforce maximum units, courses, or GPA limits. If the student exceeds the unit, course, or GPA limit, then the courses are disallowed in the course requirement lines, but are available for use by other requirements. The default target of the limit is the current requirement. To change the target, create an intersection on the Line Item Detail page that includes a derived course list field value of *Used By*. The requirement, requirement groups, academic programs, or academic plans that are intersected with the courses to be limited then become the target.

For example, suppose that a requirement is not intersected with a derived course list value of *Used By*. The Parameters page specifies that a minimum of 9.0 units is required. Line 10 needs three philosophy courses and Line 20 uses a line type of *Unit, Course or GPA Limit* with a maximum of one course and a maximum of 3 units. Line 20 uses a course list of lower division philosophy courses. As a result, a student could use only one course of lower division philosophy to satisfy any of the lines in this entire requirement.

Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

Description Fields

Report Description and Report Long Description

Enter a description and a long description that you want to appear on the advisement report. This report is generated using the Request Advisement Report or Generate Advisement Reports components. Use the long description to further explain the requirement.

Pre-Condition

Select a value for the precondition filter. You use a precondition to restrict the use of a *requirement line* to a particular type of student. For example, if a requirement line has a precondition of *Cumulative Grade Point Average Greater Than 3.00*, then this requirement line applies only to students with a cumulative grade point average that is greater than 3.00. If this precondition is false for a student, then the system does not consider the requirement line during analysis; it analyzes and reports information only if the precondition is true.

Important! A student with a null set of entities (for example, no student group) is always considered true for all plurals of that entity for both *in* and *not in* because the null set is included in all entity groups and all entity group complements (the student is found true as being both *in* and *not in* student groups).

None (Default): Select to set no precondition.

Note. If this field contains a value other than *None*, then additional fields are available to complete the precondition statement. Operators for a precondition statement include *Less or Equal*, *Greater or Equal*, *Equal*, *Greater Than*, *Less Than*, *Not Equal*, *In*, and *Not In*.

Academic Level: Select to specify a student's year of study. Values include *freshman* and *sophomore*. The system evaluates this value against the student based on the as-of date that you specify at runtime.

Academic Plan: Select to specify a student's academic plan (for example, major or minor) within the academic program. If the student has only one plan, then *Academic Plan* and *Primary Academic Plan* reference the same plan.

Academic Plans: Select to specify that all of a student's plans are part of the equation.

Academic Program: Select to specify a student's academic program, primary or otherwise, as defined on the Student Program page. If the student has only one program, then *Academic Program* and *Primary Academic Program* reference the same program.

Academic Programs: Select to specify that all of a student's academic programs are part of the equation.

Academic Standing: Select to specify a student's academic standing at the institution. For example, values might include *good standing*, *probation*, and *dismissal*. You define values in the Academic Standing Table page. The system evaluates this value against the student based on the as-of date that you specify at runtime.

Academic Sub-Plan: Select to specify a student's subplan.

Academic Sub-Plans: Select to specify that all of a student's subplans are part of the equation.

Cumulative Grade Point Average: Select to specify a student's cumulative grade point average (derived from the students term history cumulative statistics, in conjunction with the processing as-of date).

Primary Academic Plan: Select to specify a student's primary academic plan, which is designated by the lowest plan sequence number on the Student Plan page. For example, under a program of LAU, a student might have two plans, PSYCH and CLASSICS MINOR. If PSYCH has a plan sequence number of 10 and CLASSICS MINOR has a plan sequence number of 20, then PSYCH is the primary academic plan. On the Student Plan page, the primary career is designated as student career number 0.

Important! The primary academic plan is designated by the lowest plan sequence number on the Student Plan page, and the primary academic program is designated by the lowest career sequence number on the Student Program page. However, if a student has multiple programs (containing multiple plans), the primary academic plan is not necessarily the lowest plan sequence number under a given program, but it is that plan with the lowest plan sequence number under the program with the lowest student career number.

For example, suppose that under a program of LAU (attached to a student career number of 0), a student has a plan of PSYCH with a plan sequence number of 10. The same student has a plan of ART with a plan sequence number of 10 under a program of FAU (attached to a student career number of 1). Both plans have a plan sequence number of 10, but the plan under the program with the lowest career number is the primary plan. In this example, the primary plan is PSYCH, which is tied to a student career number of 0 through the LAU program.

Primary Academic Program: Select to specify a student's primary academic program, which is the program designated by the lowest career sequence number. (On the Student Program page, the primary career is designated as Student Career Nbr 0 [student career number 0].)

Student Group: Select to evaluate a student's student group. For example, values might include *Athlete* or *Veteran*. You define values in the Student Group Table page.

Student Groups: Select to specify that all of a student's student groups are part of the equation.

Test Score: Select to specify a test score. Upon selecting this value, the following fields become available according to the setup on the Define Tests for Advisement page: Test ID, Test Component, Condition Operator, Test Score, Months Valid, and Test Score Method.

Dynamic Condition: If the precondition is Dynamic Condition, operators are not used and you select a dynamic condition from the Define Dynamic Condition component. You prompt on dynamic conditions whose requirement usage value matches that of the requirement.

Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

Display of Status

Hide Status

This check box is for use with informational-only type of requirement lines --where the requirement line setup is such that it does not make sense to display on the advisement report the status of *Satisfied* or *Not Satisfied*. Select the check box if you do not want the status (*Satisfied* or *Not Satisfied*) to appear on the advisement report next to the requirement.

Note. The option to hide the status also exists for the requirement group and requirement.

See Also

[Chapter 2, "Understanding Academic Advisement," page 5](#)

[Chapter 3, "Setting Up Optional Advisement Data," page 15](#)

Specifying Requirement Line Item Parameters

Access the Line Item Parameters page (Academic Advisement, Academic Requirements, Define Academic Requirements, Line Item Parameters).

The screenshot shows the 'Line Item Parameters' page. At the top, there are tabs for 'Requirement', 'Parameters', 'Line Item', 'Line Item Parameters', and 'Line Item Detail'. The 'Line Item Parameters' tab is active. The page displays the following information:

- Academic Requirement:** 000001096, ENG Distribution
- Effective Date:** 01/01/1900, **Status:** Active
- Line Item Parameters:** Line Nbr: 0010, Comparative Lit
- Unit, Course, and GPA Values:**
 - Minimum GPA: []
 - Minimum Units: []
 - Minimum Courses: 4.00
 - Min Grade Points/Unit: []
 - Maximum Units Allowed: []
 - Maximum Courses Allowed: 4.00
- Resolution Methodology:**
 - Course Ranking Scheme: Chronological
 - Credit Include Mode: All Stats
 - Override Standard Set Logic:
 - Enable Splitting:
 - Count Attempts:
- Display Control:**
 - Print Control: Print if there is line detail
 - Reporting: Always Report
 - Display Select Line:
- Display if Satisfied:**
 - GPA:
 - Units:
 - Course Count:

Line Item Parameters page

Using this page, you can:

- Determine the number of times that a student takes a course.
- Split units and courses.
- Control what kind of requirement line item information is printed on the degree audit report.
- Define an option that prints the remaining courses that are available to fulfill the requirement on the advising report.

This page contains line item parameters for the specified academic requirement line. The fields that are available depend on the line type that you specify on the Line Item page.

This table shows the fields that are available based on the line type selected:

<i>Requirement Line Item - Line Type</i>	<i>Elements That Appear</i>
Condition	Reporting, Print Control

Requirement Line Item - Line Type	Elements That Appear
Course Requirement	Minimum GPA, Minimum Units, Minimum Courses, Maximum Units Allowed, Maximum Courses Allowed, Minimum GP/Unit, Course Ranking Scheme, Reporting, Credit Include Mode, Override Standard Set Logic, Count Attempts, Display Select Line, Enable Splitting, Print Control
Global Limit	Minimum GPA, Maximum GPA Allowed, Maximum Units Allowed, Maximum Courses Allowed, Course Ranking Scheme, Reporting, Override Standard Set Logic, Count Attempts, Print Control
Unit, Course or GPA Limit	Minimum GPA, Maximum GPA Allowed, Maximum Units Allowed, Maximum Courses Allowed, Course Ranking Scheme, Reporting, Override Standard Set Logic, Count Attempts, Print Control
Global Sequential Restriction	Reporting, Count Attempts, Print Control
Sequential Restriction	Reporting, Count Attempts, Print Control
Specified Courses	Minimum GPA, Minimum Units, Minimum Courses, Maximum Units Allowed, Maximum Courses Allowed, Minimum GP/Unit, Course Ranking Scheme, Reporting, Credit Include Mode, Count Attempts, Display Select Line, Enable Splitting, Print Control

The values that you enter on this page take precedence over the parameters that you entered at the requirement and requirement group levels. For example, suppose that the line item parameters require 6 units, but the requirement parameters need only 3 units. The audit engine searches for 6 units.

Note. To create a line that evaluates courses but does not restrict them from use in other lines or requirements, use a Credit Include Mode value of *Verify*. The requirement and requirement group Credit Include Mode value can be *All Stats*. Remember that the lowest level (or the line) takes precedence.

Unit, Course, and GPA Values

Minimum Courses	Enter the minimum number of classes that are required to satisfy this line number.
	<hr/> <p>Note. If the line type is <i>Specified Course</i>, then you can leave the Minimum Courses field blank, and one of each class in the course list will be required; or you can enter a higher value to require multiples of each course in the course lists. Regardless of the field value, this line type requires a course for each course sequence in the course list that is identified on the Line Item Detail page.</p> <hr/>
Minimum GPA (minimum grade point average)	<p>Enter the minimum overall GPA requirement for classes that are selected to satisfy this line number. For example, if a requirement states that the student needs to take four Math 100-level classes with an overall GPA of 3.000 for a total of 12 units, then enter 3.000 in this field.</p> <p>If the requirement line is a limit, then this value is a minimum standard for the courses that you want to limit. Enter the minimum GPA that is required for any courses that are allowed by this limit. For example, if only one music course can be used in the audit, and that course must have a grade of C or better, then enter 2.000 in this field.</p>
Maximum GPA Allowed (maximum grade point average)	<p>Enter the maximum GPA that is allowed for any courses that are allowed by this limit.</p> <hr/> <p>Important! Maximum GPA Allowed appears on the page if the Credit Include Mode value is <i>Verify</i>. Enter the maximum overall GPA that is allowed for classes that are selected to meet this line number.</p> <hr/>
Maximum Units Allowed	Enter the maximum total units that are allowed for this line number. If the line type is a limit and you do not supply a value, then 0 units are allowed.

- Maximum Courses Allowed** Enter the maximum total courses that are allowed for this line number.
- For limits:
- If you do not enter values in the Maximum Units Allowed and Maximum Courses Allowed fields, then the default value for each field is 0. If you leave either field blank, then the limit excludes all courses from the course list because a blank field has a value of 0.
- For example, to limit all courses in a course list (as indicated on the Line Item Detail page), leave both fields blank. When both field values are 0, all courses in the course list are ineligible for use by an academic requirement with a Credit Include Mode value of *All Stats*. (Requirements with a Credit Include Mode value of *Verify* do not enforce limits or restrictions.)
- In another example, to limit courses in the course list to 3 units, enter a value of at least 3 in the Maximum Units Allowed field and enter a value of at least 1 in the Maximum Courses Allowed field.
- Another example: If a line with a Credit Include Mode of *Verify* needs a minimum of 5 units and a maximum of 100 units, then if the audit picks up 101 units, the line is not satisfied, just as if only 4 units were picked up.
- For nonlimits:
- If you do not enter values in the Maximum Units Allowed and Maximum Courses Allowed fields, then the default value for each field is 999.0. Also, the system uses whichever is *less*: the value in the Maximum Units Allowed field or the value in the Maximum Courses Allowed field. Therefore, if the Maximum Units Allowed value is 4 and the Maximum Courses Allowed value is 999.0, then only 4 units are allowed before the limit is reached.
- Min Grade Points/Unit**
(minimum grade points/unit) Enter the minimum grade points per unit that are needed to satisfy this line number. (When you run an audit, if the transcript type value on the Request Header page does not exclude in-progress work, as specified on the Basic Data page, then all in-progress work is included on the transcript. If this field contains a value, then the system ignores that value if the requirement is in progress.) This field value does not override the minimum grade points per unit value that you set on the Course List Parameters page.

Print Control

This field controls whether the system prints the Long Description field (from the Line Item page) and the required parameters (on the Line Item Parameters page) on the degree audit report. This field controls only the requirement line level, not the requirement group or requirement level. (Because a line type of *Global Limit* or *Unit, Course or GPA Limit* is always considered satisfied and appears in plain text on the audit report, no line item parameters are printed.)

Depending on the line type, values are:

Print on Audit Reports: Select to always print line information (the Long Description and required parameters) on the report.

Do Not Print: Select to never print the line information (as well as line item parameter information) on the report.

Do Not Print Line Detail: Select to specify that if line detail is used to satisfy this requirement, then the information is not printed on the report.

Print If There is Line Detail: Select to specify that if line detail is used to satisfy this requirement, then the information is printed on the report in addition to the requirement information.

Skip Printing of This Level: Select to not print the requirement line information on the report.

The system does not use this field in analysis; it affects the printout format only.

Reporting

The Reporting field values *Report Only When Satisfied* and *Report Only When Not Satisfied* suggest that only display of data is suppressed. However, the selection of a Reporting field value other than *Always Report* changes the processing logic for the requirement line. The audit engine checks the Reporting field value after all other processing is completed. The requirement line status (Satisfied or Not Satisfied) is compared against the Reporting field value (*Report if Satisfied* or *Report if Not Satisfied*). If the values do not agree (that is, both are satisfied or both are unsatisfied), the requirement line is deleted from the report results. Consequently, the requirement line will not appear on the report.

Always Report: Select to always report the requirement line, regardless of the completion status.

Note. To ensure consistent results, use the Reporting field value of *Always Report*.

Report Only When Not Satisfied: Select to report the requirement line only if the student did not successfully satisfy the parameters of the requirement line. For example, you could use this value to report probationary status.

Use this reporting value only when it is appropriate to display a message in the report when the requirement line is not satisfied and the status of the requirement line has no bearing of the status of the requirement.

To avoid reports that will not be consistent when the requirement line is satisfied, use this reporting value with the Credit Include Mode of *Verify*.

If the Credit Include Mode is *All Stats*, the process will not capture courses or calculate statistics for the courses used in the requirement line after the requirement line is satisfied. This is done to prevent the course and statistical information for the non-displayed courses from rolling up into the requirement or requirement group where the requirement line exists. If the course were captured, the report results would be confusing because it would not be apparent why the course is not used elsewhere in the report.

Report Only When Satisfied: Select to report the requirement line only if the student successfully completes the parameters of the requirement line. For example, you could use this value to report honors status.

Select this value when the requirement will be satisfied upon satisfaction of the requirement line.

If the requirement line is not satisfied, the requirement line results will be deleted and the requirement line and all associated results will not be displayed in the report. The process will not pass a Not Satisfied value to the requirement. If it did, the report would be confusing because all requirement lines in the requirement might be satisfied except the line not displayed. Because there is no display of the failed requirement line, the process will treat the non-displayed requirement line as satisfied.

Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

Credit Include Mode

Select how courses in the requirement line are included in the degree audit:

All Stats: Select to report all course statistics.

Excl GPA: Select to exclude courses in this requirement line from the GPA. You commonly use this value at the lower level of requirement or at the requirement line level to prevent the system from using the GPA from certain courses at the higher level of requirement.

Verify: Select to specify that the system verifies that the course was taken, but that credit is not recorded, so that the course can be used elsewhere in the audit. However, the course is counted toward requirement line completion. You more commonly use this value in requirements that have overall unit requirements (such as completion of 120 units to graduate), required term unit loads, or required academic standing status.

Note. When the Credit Include Mode value is *Verify*, the parameters (Minimum Units and Maximum Units Allowed values) act as boundaries for determining a truth value. For example, if Minimum Units is *6.0*, Maximum Units Allowed is *15.0*, and the student has fewer than 6 or more than 15 units, then the truth value is *false*. If the student is within this range, then the truth value is *true*. *Verify* accepts and reports on all courses that match the course list and transcript (even if they are above or below the limits). However, an *All Stats* or *Excl GPA* line uses the minimum or maximum parameters to capture and analyze only what is within the range, freeing unused courses to be used elsewhere.

Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

Override Standard Set Logic

Select to specify whether each line item detail must contain a List Include Mode value, a course list specification, or both.

Important! The default status of this check box is cleared. You should not select it unless you completely understand nonstandard or reverse logic. Only experienced users should use this option. This check box appears on the Line Item Parameters page, but it affects how fields are evaluated on the Line Item Detail page.

Background Key

Count Attempts

Select to count all attempts at a course during the degree audit process. If you select this check box, then a course becomes a candidate for satisfying a requirement even if the student did not receive earned credit. For example, if a student fails Biology 101 and then passes it on the second attempt, the student actually took the class twice, for a course count of two. The Line Item Parameters page uses this course count to satisfy minimum and maximum course requirement parameters. In addition, the system includes the GPA as well as units and course count in the degree audit. However, if the course has a repeat code attached to it that indicates that the course is not included in the GPA, then the repeat code is obeyed. (You establish repeat codes on the Repeat Scheme Table page.)

If the Line Detail Type value on the Line Item Detail page is *DLST* (derived course list), then all attempts at a course are counted as if the Count Attempts check box is selected.

Display Select Line

Select to display all courses that a student can take to fulfill an outstanding requirement on the academic advisement report. Wildcard courses are reported as: SOC 1##, HIST 24#, or ****150. For example, if you select this check box and the audit shows that the humanities requirement of six hours is not satisfied, then all courses that the student can take to fulfill the requirement are listed under the requirement line long description and the line item parameters in the report.

When the Display Select Line feature is enabled, the advisement report shows courses available to satisfy a rule. Courses that are taken but earn no credit are not removed from the list of courses available. Instead, they remain in the list of available courses with the idea that they are still available to be used to satisfy the requirement.

Note. Exceptions exist for the appearance of available courses with reports generated using the Request Advisement Report component (SAA_RPT_RQST) or the Generate Advisement Reports component (SAA_RC_RPTGEN), which includes those that appear in self service on My Academic Requirements, Search by My Requirements, and Plan by My Requirements. The exceptions are: the setup contains only DLSTs, the setup starts with a derived course lists and tries to subtract something from it, or the Display Wildcard Courses check box on Course List Detail page is cleared. In the last case, a wildcard course appears in the course grid of the report, but the course is not linked.

The system displays in the advising report only those courses from the course list that have a status of *Active* in the course catalog on the date that you run the advising report, regardless of the as-of date that you specify at runtime.

The system accepts inactive courses from the course catalog and previous versions of the course ID if the student took the course when the ID was active. The system does not display inactive courses on the advising report as viable options for future enrollment.

To view historical course list information, use the summary pages.

If you select the Override Standard Set Logic check box, then the Display Select Line check box is unavailable for entry. This check box is also unavailable if the print control value that you select on the Line Item Parameters page is other than *Print on Audit Reports* or *Print If There is Line Detail*.

Enable Splitting

Select to split units during the processing of this line number. For example, if you select this check box and a requirement calls for 10 units but a student took four 3-unit courses, then the units are split and only 10 units are used to satisfy the requirement. The remaining 2 units can be used to satisfy another requirement. If this check box were cleared, then all 12 units (unless needed elsewhere) may have been used to satisfy the 10-unit requirement.

Keep in mind that every requirement is a unit, hour, and credit requirement or a course requirement. If you select the Enable Splitting check box, then both units and courses are split.

If a user selects the Enable Splitting check box on a requirement line that is a local limit, then the audit engine performs splitting only for requirement lines for which the Enable Splitting check box is selected.

If a user selects the Enable Splitting check box on a requirement line that is a local limit and the requirement line points to derived lists where the List Recall Mode value is *Used by Requirement* or *Used by Requirement Group*, then splitting occurs only if the Enable Splitting check box is selected for those requirement lines targeted by the derived lists.

If the Credit Include Mode value is *Verify* on the Line Item Parameters page, then this check box is unavailable for entry.

Using the Override Standard Set Logic Check Box

If the Override Standard Set Logic check box is not selected:

- Every detail line except the first one must have a value in the List Include Mode field.
Only three operators, *U* (Union with), *N* (Subtract from), and *I* (Intersection with) are available.
- If the detail line is a course list, then the List Include Mode and Course List fields on the Line Item Detail page must contain values, except as specified in the preceding item.
- If the detail line is a derived course list, then the List Include Mode and List Recall Mode fields on the Line Item Detail page must contain values, except as specified in the first item in this list.
- Standard logic (to combine this list with the previous list) is in effect.

Standard set logic acts as follows:

Line Detail Sequence 1: A.

Line Detail Sequence 2: intersect B.

Line Detail Sequence 3: union C.

Line Detail Sequence 4: subtract D.

The formula is ((AIB) U C) N D.

If the Override Standard Set Logic check box is selected, then:

- Any detail line can have a blank List Include Mode field.

The List Include Mode field lists four operators because the *Complement* list operation is allowed.

- If the detail line is a course list, then either the List Include Mode field or the Course List field, but not both, on the Line Item Detail page can be blank.
- If the detail line is a derived course list, then either the List Include Mode field or the List Recall Mode field, but not both, on the Line Item Detail page can be blank.

Nonstandard logic means that lists are combined based on the methodology known as Reverse Polish Notation.

Override standard set logic acts as follows:

Line Detail Sequence 1: A.

Line Detail Sequence 2: B.

Line Detail Sequence 3: intersect.

Line Detail Sequence 4: C.

Line Detail Sequence 5: D.

Line Detail Sequence 6: subtract.

Line Detail Sequence 7: union.

The formula is (ABI) (CDN) U.

Note. When the Override Standard Set Logic check box is selected, you must place each course list (set) and operator on a separate detail line to obtain consistent, accurate audit results. You do not have to supply both a course list and an operator; only one is required. If you place the operator and a list on the same line, then the previous set is affected.

In standard logic, a specific notation might interact in this way:

A union B intersect C subtract D.

In override standard logic, the same notation would interact in this way:

A B union C intersect D subtract.

In the first method of notation, the operator is between the two sets that it affects, therefore:

A union B would produce a result X. Then X would intersect with C, producing a result Y. Result Y would then subtract D, producing result Z.

In the second method of notation (override standard logic), the operator affects the previous two sets (left to right), therefore:

The union takes effect on A and B, producing result X. Then the intersect affects the previous two sets, X and C, producing result Y. Then subtract affects the final two sets, Y and D, producing result Z.

The result of each method of notation is the same, Z, but the second method provides increased functionality.

Here is another example:

Math courses intersected with 200-level courses intersected with transfer courses unioned with math courses intersected with 100-level courses intersected with transfer courses.

This example produces one list of 100- and 200-level transfer math courses. To create this list, use override set logic:

Line Detail Sequence 1: math courses.

Line Detail Sequence 2: 200-level courses.

Line Detail Sequence 3: intersect.

Line Detail Sequence 4: transfer courses.

Line Detail Sequence 5: intersect.

Line Detail Sequence 6: math courses.

Line Detail Sequence 7: 100-level courses.

Line Detail Sequence 8: intersect.

Line Detail Sequence 9: transfer courses.

Line Detail Sequence 10: intersect.

Line Detail Sequence 11: union.

Because each item is on a separate line detail sequence, the operator takes effect on the previous two sets: Line Detail Sequence 1 intersected with Line Detail Sequence 2 produces 200-level math courses. That list is intersected with transfer courses, producing a list of 200-level transfer math courses, labeled X. Because lines 6 and 7 are two sets, line 8 takes effect on those two lines (not X), so line 6 intersect line 7 produces 100-level math courses. Line 10 then intersects transfer courses (line 9) with the previous set (100-level math courses) to produce a new result: 100-level transfer math courses, labeled Y. Line 11 now takes effect on the previous two sets X and Y to produce one list of 100- and 200-level transfer math courses.

However, if the previous example contained course lists and operators on the same line, then the effect would be:

Line Detail Sequence 1: math courses (A)

Line Detail Sequence 2: intersect 200-level courses (B)

Line Detail Sequence 3: intersect transfer courses, labeled C

Line Detail Sequence 4: intersect math courses, labeled A

Line Detail Sequence 5: intersect 100-level courses, labeled D

Line Detail Sequence 6: intersect transfer courses, labeled C

Line Detail Sequence 7: union

This example would be processed as follows:

A intersect B = 200-level math courses, labeled X.

X intersect C = 200-level transfer math courses, labeled Y.

Y intersect A = math courses (all of which are 200-level), labeled W.

W intersect D = nothing (because there are no 100-level courses), labeled Z.

Z intersect C = nothing, labeled R.

Union = nothing.

See Also

Setting Up Academic Requirements, Specifying Requirement Parameters, "Combinations of Print Control and Credit Include Mode Values"

Setting Up Requirement Line Item Detail

Access the Line Item Detail page (Academic Advisement, Academic Requirements, Define Academic Requirements, Line Item Detail).

Requirement	Parameters	Line Item	Line Item Parameters	Line Item Detail
Find View All 1 of 1				
Academic Requirement:	000001096	ENG Distribution		
Effective Date:	01/01/1900	Status:	Active	
Find View All 1 of 3				
Line Nbr:	0010	Comparative Lit		
Course List Description:	<input type="text"/>			
Find View All 1 of 1				
*Line Detail Sequence:	<input type="text" value="1"/>	*Line Detail Type:	CLST	Course List
Course List:	<input type="text" value="000000080"/>	Comparative Lit Courses		<input type="button" value="View"/>

Line Item Detail page

Depending on the line type, different fields and field values are available on this page. Each line must have at least one line item detail. You can have multiple rows of line detail under a single line number.

Line Item

Course List Description

Enter a description that appears above the list of courses on the My Academic Requirements - Course List Detail and the Academic Advisement Report - Course List Detail pages. The description appears regardless of whether you have used union, subtraction, or intersection to establish the course list.

The description introduces a list of courses so you may want to enter a description when you need additional or qualifying information about the courses in the list.

Line Item Detail**Line Detail Sequence**

This sequential number is automatically assigned to a specific line detail. You can have multiple line detail sequences under a single line number.

Line Detail Type

Select a value. *CLST* (course list): Specify a group of courses that can be used to satisfy an academic requirement. These courses are defined in the *COURSE_LIST* table from the course catalog. A course list line detail type processes repeat codes differently from a derived course list line detail type. You define the repeat codes in the Repeat Scheme table. For requirements that use a course list line detail type, the system picks up only courses that earn credit. As a result, if you set up the repeat scheme to allow all attempts of a course to earn credit, then multiple attempts of the same course are used to satisfy the requirement. For requirements that use a derived course list line detail type, the system picks up all courses, even those that do not earn units.

Note. The degree audit does not print the repeat code with the course. Instead, it prints it on the transcript portion of the audit.

Warning! When the line detail type is *CLST*, the advisement engine does not pick up courses with no earned credit for the evaluation of the requirement because courses that do not earn credit typically do not satisfy degree requirements. However, you can select the Count Attempts check box on the Line Item Parameters page to enable course lists to include courses that do not earn credit. When these attempted courses are counted, the units are used to satisfy any unit requirement parameter that was set.

If a line detail type of *CLST* is intersected with a line detail type of *DLST* (derived course list), then the characteristics of the course list line detail type prevail, and no courses that do not earn credit are pulled into the requirement.

DLST: Specify a subset of a student's transcript or academic record that can be used to satisfy an academic requirement.

Warning! When the line detail type is *DLST*, the advisement engine pulls in units of classes with a grade of no earned credit. For example, to establish an overall GPA requirement for all courses, you can set up a requirement with a line detail type of *DLST* and a List Recall Mode value of *All Courses* with a minimum GPA of 2.000. The audit displays every course on the student transcript, even those that have not earned credit, to properly evaluate the true overall GPA. You should consider the units that are shown in this requirement as the units that are attempted, because those values are used to calculate the GPA. To establish a requirement for overall units by using a line detail type of *DLST* and a List Recall Mode value of *All Courses*, the units that are attempted (which are displayed for courses that did not earn credit) are used to satisfy any unit requirements. To eliminate courses that do not earn credit from this requirement, establish a minimum grade point per unit on the Line Item Parameters page.

COND (condition): Specify a condition that the student must satisfy, such as a required academic standing, milestone, or cumulative grade point average.

Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

List Include Mode

Select how a previous line detail sequence interacts with a new line detail sequence. This field is available for every line detail except the first one. To see this field, place the cursor in the Line Detail Sequence field and insert a new row. Values for this field are *Y* (union), *I* (intersection), and *N* (subtraction).

Note. You cannot select a List Include Mode value other than *Y* if you selected the Display Select Line check box on the Line Item Parameters page. If you select the Override Standard Set Logic check box on the Line Item Parameters page, then the available value is *C* (complement).

Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

Condition Requirement Line Type Fields**Academic Institution**

Displays the academic institution that you defined on the Requirement page. The system uses this field for prompting, not for analysis. Each academic requirement is associated with only one academic institution.

Academic Career

Enter the academic career that is associated with this condition. The value in this field may not match the academic career that is specified on the Requirement page.

Condition Code

Select a condition code to specify which field or fields in the database this condition checks.

For example, *Academic Level*, *Academic Plan*, *Academic Program*, and *Academic Sub Plan* are condition codes.

None: Select to set no field value.

Academic Level: Select to specify a student's year of study (for example, *freshman* and *sophomore*). The system evaluates this value against the student based on the as-of date that you specified at runtime.

Academic Plan: Select to specify a student's plan (for example, major or minor) within the academic program. *Academic Plans* indicates that all of a student's plans are part of the evaluation.

Academic Program: Select to specify a student's academic program.

Academic Programs: Select to specify that all of a student's programs are part of the evaluation.

Academic Standing: Select to specify a student's standing at the institution. For example, values might include *good standing*, *probation*, and *dismissal*. You define values in the Academic Standing table. The system evaluates this value against the student based on the as-of date that you specify at runtime.

Academic Sub-Plan: Select to specify a student's subplan.

Academic Sub-Plans: Select to specify that all of a student's subplans are part of the evaluation.

Cumulative Grade Point Average: Select to specify a student's cumulative grade point average (derived from the student's term history cumulative statistics, in conjunction with the processing as-of date).

Dynamic Condition: Select to specify a condition specification that was previously defined in the Define Dynamic Condition component. You can specify only a dynamic condition whose requirement usage value matches that of the requirement.

Primary Academic Plan: Select to specify a student's primary academic plan, which is the plan designated by the lowest plan sequence number on the Student Plan page. For example, under a program of LAU, a student might have two plans, PSYCH and CLASSICS MINOR. If PSYCH has a plan sequence number of 10 and CLASSICS MINOR has a plan sequence number of 20, then PSYCH is the primary academic plan. On the Student Plan page, the primary career is designated as student career number 0.

Important! The primary academic plan is designated by the lowest plan sequence number on the Student Plan page, and the primary academic program is designated by the lowest career sequence number on the Student Program page. However, if a student has multiple programs (containing multiple plans), the primary academic plan is not necessarily the lowest plan sequence number under a given program, but it is that plan with the lowest plan sequence number under the program with the lowest student career number.

For example, suppose that under a program of LAU (attached to a student career number of 0), a student has a plan of PSYCH with a plan sequence number of 10. The same student has a plan of ART with a plan sequence number of 10 under a program of FAU (attached to a student career number of 1). Both plans have a plan sequence number of 10, but the plan under the program with the lowest career number is the primary plan. In this example, the primary plan is PSYCH, which is tied to a student career number of 0 through the LAU program.

Primary Academic Program: Select to specify a student's primary academic program, which is the program designated by the lowest career sequence number. (On the Student Program page, the primary career is designated as Student Career Number 0.)

Student Group: Select to specify a student's group. Example values might include *athlete* and *veteran*. You define values on the Student Group Table page.

Student Groups: Select to specify that all of a student's groups are part of the evaluation.

Test Score: Select to create a condition based on a test score. If you select Test Score, you are presented with additional fields (Test ID, Test Component, Condition Operator, Test Score, Months Valid, and Test Score Method) based on the setup on the Define Tests for Advisement page.

Note. Generally, when you enter a condition code value, the Condition Operator and Condition Data fields appear on the page. If the condition code is *Dynamic Condition*, then only the Condition Data field is available for entry. If the condition code is *Test Score*, then additional fields are presented.

Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

Condition Operator

Specify the type of comparison to be applied to the condition data. Condition operators are: *Less or Equal*, *Greater or Equal*, *Equal*, *Greater Than*, *Less Than*, and *Not Equal*.

Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

Condition Data	Select the condition data that specifies the value to be checked against the condition code. Specific academic plans and programs as well as dynamic conditions are condition data values. If the condition code is <i>Dynamic Condition</i> , then select a previously created dynamic condition (a condition specification) from the field.
Test ID	This value appears when you select the Condition Code of <i>Test Score</i> . Enter the test ID (ACT, for example) to be evaluated in processing the requirement line. Values available are those defined on the Define Tests for Advisement page and whose requirement usage corresponds with that of the requirement. The field prompts on active test IDs whose effective date is equal to or prior to that of the requirement.
Test Component	This value appears when you select the Condition Code of <i>Test Score</i> . Enter the test component (Math, for example) to be evaluated in processing the requirement line.
Test Score	Enter the acceptable test component's score required for evaluation in the requirement line. The value you select relates to the Test ID, Test Component, and Condition Operator you selected.
Months Valid	Enter the number of months (from the test date) that the test score is considered valid. Beyond that number of months, the test score will be considered invalid and therefore will not be used to satisfy the requirement line. An empty (blank) field is interpreted to mean that the test is always valid. This field is editable depending on the setup on the Define Tests for Advisement page.
Test Score Method	This describes which score or scores you want to use. Valid values are: <i>Average of All Scores Taken</i> , <i>First Test Taken</i> , <i>Highest Score</i> , <i>Last Test Taken</i> , and <i>Lowest Score</i> . This field is editable depending on the setup on the Define Tests for Advisement page.
Condition Description	This (optional) description is for use with the line type of Condition and with the interactive advisement report and pdf. It is not used on the advisement transcript. When populated, the condition description prints where the condition code, operator, and condition data would normally appear. Or, in the case of a test score condition, the condition description prints where the condition code, test ID, test component, condition operator, and test score would normally appear.

Course List Line Detail Type

Course List	Specify a group of classes that make up a course of study, or select a course list from the available course list numbers.
View	Click to access the Course List Summary page, where you can review the course list details.

Derived List Line Detail Type

List Recall Mode

If the line detail type is *Derived List*, then select a list recall mode to specify the conditions that are used to select courses from the student's transcript:

None: Select to specify no field value.

2-year Institution Transfer Courses: Select to specify external transfer course credit from a two-year institution.

Note. The Advisement School Type field on the School Type Table page contains the value that drives the derived lists in academic advisement. Each school type can belong to an advisement school type. On the School Data page, you can identify a school as a two-year or four-year institution.

4-year Institution Transfer Courses: Select to specify all external transfer course credit from a four-year institution (as defined on the School Type Table page).

All Courses Used: Select to use all courses to satisfy requirements where the credit include mode value on the Line Item Parameters page is *All Stats* or *Excl GPA*. This field value retrieves all courses that are used *before* the requirement. *Used* means captured. Verified courses are not picked up.

Important! To ensure that all courses are considered during an audit, specify a requirement group reporting sequence number of 900 or greater.

All Courses: Select to specify all courses on a student's transcript for all careers.

Courses in Target Career: Select to specify all courses (including internally transferred courses) that the student takes in the career that is specified by the target requirement group of this requirement. For example, if a requirement group is specified as an undergraduate career requirement and points to this requirement line item detail, then the target career is *Undergraduate*. (During an audit, the advisement engine uses all courses that a student takes under all active careers. Also, all transfer credit, regardless of career and program to which it was posted, can be used to satisfy the requirements of all active careers. If transfer work is allowed in the requirement, then all transfer credit that is posted to the target career is included in this list. To restrict a dual-career student from using courses that are taken in one career to satisfy requirements in both careers, use the List Recall Mode value *Courses in Target Career* to block the cross-sharing of courses from one career to another.)

Credit with No Designation: Select to specify all courses with no requirement designation.

Grade Category: Select to assign to all courses a grade that belongs to a particular grade category. (When you enter this field value, the Reference Data field becomes available to record the actual grade category prompt value.) To create a grade category prompt value, use the Grade Category Table page.

Include in GPA Courses: Select to specify all courses that are completed with a grade that is defined on the Grading Scheme Table page as *Include*

in GPA.

Internal Transfer Credit: Select to specify equivalents that are awarded by the course credit system with a source type of internal. Courses that are transferred internally are selected from one career and have course equivalents that are applied to another career, program, or plan. External course credit, test credit, and other credits are not included. You use this field value to differentiate internally transferred courses from regularly enrolled courses. (Users who internally transfer courses and use the derived course list field value of *Courses in Target Career* can subtract internally transferred courses that are identified with the target career.) When courses are printed on the advisement audit, internally transferred courses are coded as *IT* (internally transferred). Previously, these courses were coded as *EN* (Enrolled).

Other Credit: Select to specify equivalents that are awarded through the Other Credits component.

Taken After Limit (#Units) (taken after limit [number of units]) and *Taken Before Limit (#Units)* (taken before limit [number of units]): Select to specify courses that the student takes after or before a unit limit, respectively. Enter the unit limit in the Quantity field. (The system evaluates units in chronological order.) For example, enter *60* to restrict courses to those taken after 60 units. All term- and unit-based derived list field values include transfer course credit, other credit, test credit, and internal transfer course credit. When evaluating transfer credit in term- and unit-based derived course lists, use the begin date of the articulation term (to which the credit is posted) to determine whether the credit is valid for the particular derived course list.

Note. The term-related values for List Recall Mode refer to terms in which the student was enrolled in at least one course. Terms that the student did not attend are of no consequence.

Taken Before Term in Residence Nbr (taken before term in residence number): Select to count the courses that the student took before the term that is indicated. (This value pulls in home courses as well as transfer courses taken before the term that is specified.) Enter the number of terms in the Quantity field. All term- and unit-based derived list field values include transfer course credit, other credit, test credit, and internal transfer course credit. When evaluating transfer credit in term- and unit-based derived course lists, use the begin date of the articulation term (to which the credit is posted) to determine whether or not the credit is valid for the particular derived course list.

Warning! The term *value* as used here is not related to or based on the value that is used in the Term Activation component. Academic Advisement bases its calculation of term on the number of terms in which a student was or is enrolled in at least one course. This value is assigned at the start of a term, not upon completion.

Taken Before Term Number: Courses that the student took before the term number that appears in the Quantity field. Terms are counted starting with the first term in which a student is enrolled. For example, term 1 is the student's first term at the university and term 3 is the third term. All term- and unit-based derived list field values include transfer course credit, other credit, test credit, and internal transfer course credit. When evaluating transfer credit in term- and unit-based derived course lists, use the begin date of the articulation term (to which the credit is posted) to determine whether or not the credit is valid for the particular derived course list.

Taken in Consecutive (#Terms) (taken in consecutive [number of terms]): Select to specify how many terms in consecutive order are to be checked. Enter the number of terms in the Quantity field. (For a student, consecutive terms are defined as consecutive enrolled terms. For example, if a student is enrolled in spring and fall classes but not in summer classes, then the student's spring and fall classes are considered as consecutive.) When selecting a number of terms, the audit creates a vector of lists.

For example, if the engine is searching for three courses that were taken in two consecutive terms, then the results could be three courses from fall 1997 and spring 1998, three courses from spring 1998 and fall 1998, three courses from fall 1998 and spring 1999, and three courses from spring 1999 and fall 1999. In this example, five terms were retrieved with a total of 12 courses selected. All term- and unit-based derived list field values include transfer course credit, other credit, test credit, and internal transfer course credit. When evaluating transfer credit in term- and unit-based derived course lists, use the begin date of the articulation term (to which the credit is posted) to determine whether or not the credit is valid for the particular derived course list.

Taken in Last (#Terms) (taken in last [number of terms]): Select to specify how many consecutive terms are to be checked. These terms begin with the most recent and go back in time; for example, fall 1996, summer 1996, spring 1996. Enter the number of terms in the Quantity field. All term- and unit-based derived list field values include transfer course credit, other credit, test credit, and internal transfer course credit. When evaluating transfer credit in term- and unit-based derived course lists, use the begin date of the articulation term (to which the credit is posted) to determine whether or not the credit is valid for the particular derived course list.

Taken in Last (#Units) (taken in last [number of units]): Select to specify how many consecutive units to check. These units begin with the most recent and go back in time; for example, first fall 1996, then summer 1996, and then spring 1996. Enter the number of units in the Quantity field. All term- and unit-based derived list field values include transfer course credit, other credit, test credit, and internal transfer course credit. When evaluating transfer credit in term- and unit-based derived course lists, use the begin date of the articulation term (to which the credit is posted) to determine whether or not the credit is valid for the particular derived course list.

Taken in Last Graded (#Terms) (taken in last graded [number of terms]): Select to specify how many consecutive graded terms are to be checked. These terms begin with the most recent and go back in time. (For example, fall 1996, summer 1996, spring 1996.) Enter the number of terms in the Quantity field. All term- and unit-based derived list field values include transfer course credit, other credit, test credit, and internal transfer course credit. When evaluating transfer credit in term- and unit-based derived course lists, use the begin date of the articulation term (to which the credit is posted) to determine whether or not the credit is valid for the particular derived course list.

Taken While in Residence: Select to specify home courses that are taken while the student is in residence regardless of career.

Test Credit: Select to specify course equivalents awarded through the Test Credits component.

Transfer Credit: Select to specify credit that is transferred in from an external institution. Test credit, other types of credit, and internally transferred coursework are not included. All transfer credit, regardless of career and program to which it is posted, can be used to satisfy the requirements of all active careers. You use the Course Credits component to input this transfer credit into the system.

Note. The Advisement School Type field on the School Type Table page contains the value that drives the derived lists in academic advisement. Each school type can belong to an advisement school type. On the School Data page, you can identify a school as a two- or four-year institution.

Used by Academic Plans and Used by Academic Programs: Select to include all courses that are used by requirement groups in the current audit defined to the plan level or program level, respectively. (*Used By* means used by an *All Stats* or *Exclude GPA* requirement. Verified courses are not picked up.)

Note. If a student has multiple programs (containing multiple plans), the primary academic plan is not necessarily the lowest plan sequence number under a given program, but it is the plan with the lowest plan sequence number under the program with the lowest student career number.

For example, suppose that under a program of LAU (attached to a student career number of 0), a student has a plan of PSYCH with a plan sequence number of 10. The same student has a plan of ART with a plan sequence number of 10 under a program of FAU (attached to a student career number of 1). Both plans have a plan sequence number of 10, but the plan under the program with the lowest career number is the primary plan. In this example, the primary plan is PSYCH, which is tied to a student career number of 0 through the LAU program.

Used by Primary Academic Plan: Select to include all courses that are used by the requirement groups that point to the student's primary academic plan, which is the plan designated by the lowest plan sequence number on the Student Plan page. (For example, under a program of LAU, a student might have two plans, PSYCH and CLASSICS MINOR. If PSYCH has a plan sequence number of 10 and CLASSICS MINOR has a plan sequence number of 20, then PSYCH is the primary academic plan. On the Student Plan page, the primary career is designated as Student Career Nbr (student career number) 0.) *Used By* means used by an *All Stats* or *Excl GPA* requirement. Verified courses are not picked up.

Used by Primary Academic Program: Select to include all courses that are used by the requirement groups that point to the student's primary academic program, which is the program designated by the lowest career sequence number. (On the Student Program page, the primary career is designated as student career number 0.) *Used By* means used by an *All Stats* or *Excl GPA* requirement. Verified courses are not picked up.

Used by Requirement Group: Select to specify all courses that are used by a specific requirement group. Enter the appropriate requirement group in the Requirement Group field. If the requirement group has two effective-dated rows, then the advisement engine selects a row based on the student's requirement term for that academic level (for example, program or plan). If the Ignore Missing Target check box is selected and a line detail type of *DLST* points to a requirement group that does not exist for the student because of an unsatisfied precondition, then a false does not occur. If the check box is not selected and a line detail type of *DLST* points to a requirement group that does not exist for the student because of an unsatisfied precondition, then a false does occur. *Used By* means used by an *All Stats* or *Excl GPA* requirement group. Verified courses are not picked up.

Used by Requirement: Select to specify all courses that are used by a specific requirement. Enter the appropriate requirement in the Academic Requirement field. (A requirement line number in the Line Nbr [line number] field is optional. If you leave this field blank and there are multiple lines in the requirement, then all lines are evaluated.) If the requirement has two effective-dated rows, then the effective-dated row that is selected by the advisement engine is based on the student's requirement term for that academic level (for example, program or plan). If you select the Ignore Missing Target check box and a line detail type of *DLST* points to a requirement that does not exist for the student because of an unsatisfied precondition, then a false does not occur. If you do not select the check box and a line detail type of *DLST* points to a requirement that does not exist for the student because of an unsatisfied precondition, then a false does occur. *Used By* means used by an *All Stats* or *Excl GPA* requirement. Verified courses are not picked up.

Course Attributes: Select to specify a course attribute as defined on the Course Attribute Table prior or equal to the effective date on the requirement. After selecting the course attribute, select the attribute value. The Attribute Value field is available only after a course attribute is selected.

Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

Recall Interpretation

If the academic requirement main connector type is OR, then the Recall Interpretation field appears on this page. The value in this field determines how values (courses) are returned from the target (in this case, the requirement) that is being referenced.

Select a recall interpretation mode:

None: Acts like *All Components Combined*.

All Components Combined: Select to combine all course partitions.

Component with Max Course: Select to use the partition that contains the most courses. For example, a partition containing five Spanish classes would be used rather than a partition containing three Italian classes.

Each Component: Select to specify that each partition is evaluated individually against operators and other detail. This value returns a vector, which is a list of lists representing courses from each partition.

Note. A component is a partition. A partition is each detail line in the equation or each set of detail lines that is grouped by parentheses. The system uses vectors in the computations resulting from the *Each Component* value. A vector is defined as a list of lists and is used only at the requirement level. The *Each Component* value results in a separate list for each partition rather than one list, as is the case when the main connector type is AND. Any subsequent operations affect each list in the vector.

Examples of Recall Interpretation

The lists that the Recall Interpretation field recalls consist of courses that are selected by a requirement. The field causes the audit to dynamically determine how to view the courses that the requirement uses.

- Example 1

Requirement A needs to fulfill two partitions: Line 10 requiring one course from a course list of Latin studies OR Line 20 requiring two courses from a course list of Greek studies OR Line 30 requiring three courses from a course list of ethnic studies. The student has completed three classes in each course list: Latin 100, 110, and 200; Greek 100, 250, and 265; and Ethnic Studies 100, 137, and 148. Requirement A is satisfied by Latin 100, Greek 100, and Greek 250.

- Example 2

Requirement B consists of a line detail type of *DLST* with a List Recall Mode value of *Used by a Requirement*. If requirement A is specified in the Academic Requirement field, then the Recall Interpretation value that is specified in requirement B determines how the courses that are used by requirement A are returned to requirement B. If the value is *None* or *All Components Combined*, then the derived list that is created consists of all courses that are used in all partitions of requirement A.

In this example, 1 Latin course and 2 Greek courses are used. If the value is *Component with Max Courses*, then the derived list that is created consists of the courses from the component that used the most courses in requirement A. In this case, the 2 Greek courses would be returned. Even if the student had successfully completed 10 Latin courses, the derived list evaluates only the number of courses that are used in each component and selects the one with the most courses.

In this instance, the courses that satisfy Line 20 are used because Line 10 uses only one course and Line 30 does not pick up any courses because Lines 10 and 20 satisfy the two minimum partitions. When the Recall Interpretation value is *Each Component*, the derived list is a list of lists that contains the courses that are used in each component of requirement A. In this example, there are two lists, one consisting of one Latin course and one consisting of two Greek courses. Any parameters that are set on the Line Item Parameters page in reference to requirement A are applied against each component. For example, a minimum unit requirement of 12 is applied against both components that are used in requirement A, resulting in a new total of 24 minimum units.

Valid Attempts: Select to specify courses that were awarded a grade that you defined on the Grading Scheme Table page as a valid attempt. (A grade of F is typically considered a valid attempt, whereas a grade of W might not be considered a valid attempt.) Transfer courses are included as valid attempts if the Transfer Level Allowed value on the Course List Parameters page allows transfer courses and the Valid Attempt check box is selected for the appropriate Grade Input value on the Grading Scheme table. (If the Grading Scheme table does not allow transfer courses to be considered as valid attempts, then the *Valid Attempts* value does not affect the analysis.) Test credit is included as a valid attempt if the Test Credit is Allowed check box is selected on the Course List Parameters page.

Examples of Requirement Line Items

If a partial or split course is combined with another part of the same partial or split course, then special rules apply. Also, the system does not pick up fractional units for split courses when you use derived lists with a value of *Used By*.

The following example shows the interpretation of the subtraction of a split course:

When a 3-unit course is split into a 2-unit part and a 1-unit part, it is not known which part the requirement will use. Therefore, 2 units minus 1 unit equals 2 units because the units that are selected are assumed to be different parts of the course. Also, 2 units minus 2 units equals 1 unit.

The following example shows the interpretation of the intersection of a split course:

Two units intersected with 1 unit equals 1 unit. Intersection assumes that the maximum possible units are identical in both cases. Similarly, 2 units intersected with 2 units equals 2 units.

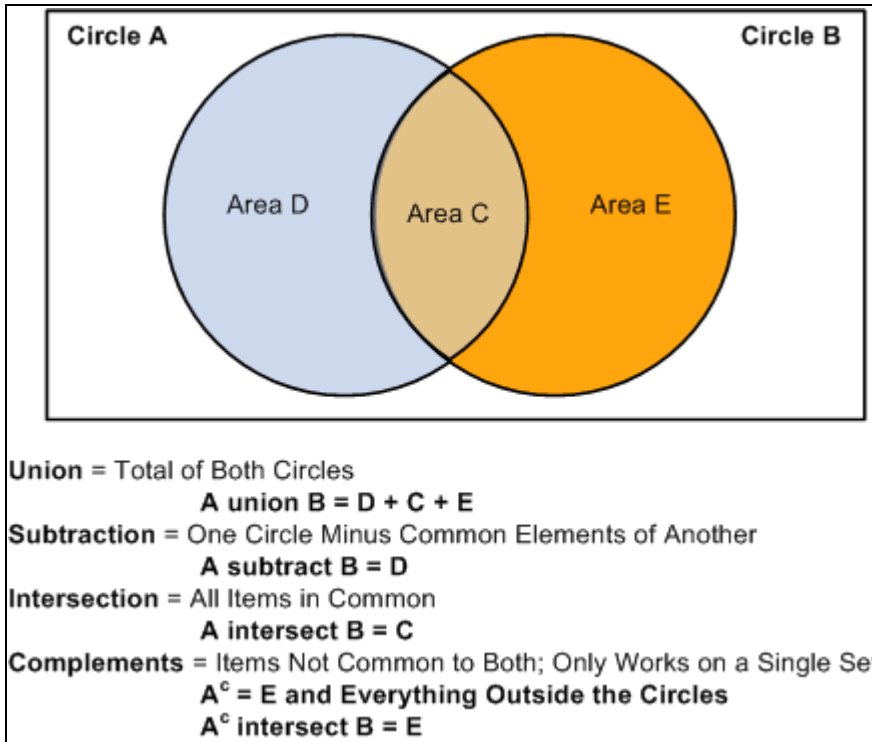
The following example shows the interpretation of the complement of a split course:

The complement of 1 unit is 2 units. A complement is an item that is not common to both areas.

The following example shows the interpretation of the union of a split course:

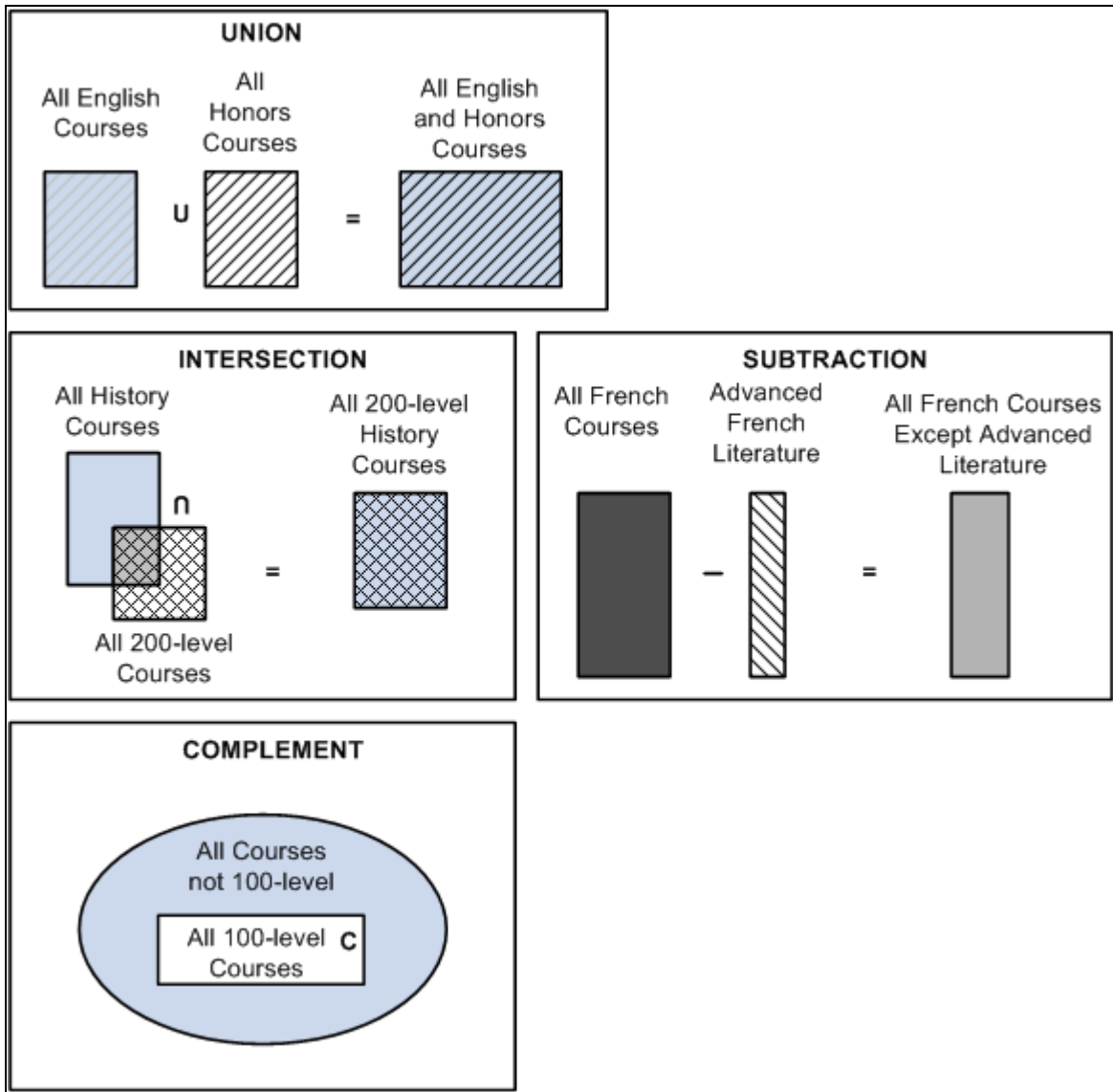
The union of 1 unit and 2 units is 2 units.

The following diagram illustrates List Include Mode values and set operations:



List Include Mode value examples

The following diagram shows examples of set operations:



List Include Mode value set operations

When you insert a new row, if the new line detail type is *CLST*, then the List Include Mode value affects the Course List value.

When you insert a new row, if the new line detail type is *DLST*, then the List Include Mode value affects the List Recall Mode value.

Special rules of set operation and list recall mode apply if the line type that is specified on the Line Item page is *Global Sequential Restriction; Sequential Restriction; Global Limit; Unit, Course or GPA Limit; or Specified Courses*. The following table shows those requirement line types and their allowable line detail types and list recall mode selections.

Line Type	DLST Allowed?	CLST Allowed?	Override Standard Set Logic Check Box
Global Sequential Restriction	No	All, Y	Not Available
Sequential Restriction	PL, PPL, PR, PPR, USE, GUS, DLST-1 and I	All, Y	Not Available
Global Limit	Not PL, PPL, PR, PPR, USE, or GUS	All	Available
Unit, Course or GPA Limit	All	All	Available
Specified Courses	No	All, Y	Not Available

Legend

DLST	Derived course list line detail type. This column indicates which derived lists are permitted and which operators are valid.
CLST	Course list line detail type. This column indicates which operators are valid.
PL	Used by Academic Plans list recall mode.
PPL	Used by Primary Academic Plan list recall mode.
PR	Used by Academic Programs list recall mode.
PPR	Used by Primary Academic Program list recall mode.
USE	Used by Requirement list recall mode.
GUS	Used by Requirement Group list recall mode.
DLST-1 and I	The derived list cannot be the first entry, and the operator must be I (Intersection).
All, Y	All regular course lists are permitted, but the operator must be Y (Union).

See Also

PeopleSoft Student Records 9.0 PeopleBook, "Setting Up Transfer Credit Processing," Defining External Organizations

PeopleSoft Student Records 9.0 PeopleBook, "Processing Transfer Credit," Processing Other Transfer Credit

Chapter 6

Setting Up Academic Requirement Groups

This chapter provides overviews of academic requirement groups and how to create them, and discusses how to:

- Obey print control settings.
- Set up academic requirement groups

Understanding Academic Requirement Groups

Academic requirement groups are the highest-level parent record. They consist of detail lines pointing to conditions, courses, and requirements, as well as parameters that include unit and course requirements. Requirement groups identify the student population to be evaluated in the audit or advisement process. For example, requirement groups can target all undergraduate students, or only undergraduate students in the math plan, or only undergraduate students who belong to a specific student group. The advisement engine evaluates each student's career, program, and plan as well as other pertinent academic data (such as catalog year, also known as requirement term) to determine which requirement groups it should apply to the student.

The academic advisement engine compares a student's career, program, plan, subplan, and precondition with the academic structure established for a requirement group. When the requirement group academic structure matches the student's academic structure, the requirement group is applied to that student.

Processing Order of Requirement Groups

The academic structure (as reflected by the academic career, academic program, academic plan, and academic subplan), the reporting sequence, and the requirement group number define the processing order of every requirement group. When the reporting sequence number is 1 for all groups, the audit processes career-level requirement groups, then program requirement groups, then plan requirement groups, and then subplan requirement groups. For requirement groups that are set up at the same academic structure level and with the same reporting sequence number, the system evaluates them in requirement group number order.

In the scenario just described, the requirement groups are processed in this order:

Career Level

Requirement Group #1000, Reporting Sequence #1

Requirement Group #1100, Reporting Sequence #1

Requirement Group #1111, Reporting Sequence #1

Program Level

Requirement Group #2001, Reporting Sequence #1

Requirement Group #2010, Reporting Sequence #1

Requirement Group #2050, Reporting Sequence #1

Plan Level

Requirement Group #1200, Reporting Sequence #1

Requirement Group #2005, Reporting Sequence #1

Requirement Group #3000, Reporting Sequence #1

Requirement Group #4700, Reporting Sequence #1

Subplan Level

Requirement Group #700, Reporting Sequence #1

If you have not specified that you want to evaluate subplans before plans or plans before programs, and the reporting sequence number is greater than 1, then the reporting sequence number applies across career-level and program-level requirement groups. For example, a career-level requirement group with a reporting sequence number of 3 is processed and reported after a program-level requirement group with a reporting sequence number of 2. This interaction of sequence numbers affects only career-level and program-level requirement groups. Program-level requirement groups do not interact with plan-level requirement groups, and plan-level requirement groups do not interact with subplan-level requirement groups. If the requirement groups previously listed all had different reporting sequence numbers, then the groups would be processed and reported in this order:

Career Level, Requirement Group #1111, Reporting Sequence #1*Program Level*, Requirement Group #2001, Reporting Sequence #1*Career Level*, Requirement Group #1100, Reporting Sequence #2*Program Level*, Requirement Group #2010, Reporting Sequence #5*Program Level*, Requirement Group #2050, Reporting Sequence #5*Career Level*, Requirement Group #1000, Reporting Sequence #900

Plan Level

Requirement Group #4700, Reporting Sequence #1

Requirement Group #3000, Reporting Sequence #900

Requirement Group #2005, Reporting Sequence #901

Requirement Group #1200, Reporting Sequence #999

Subplan Level

Requirement Group #700, Reporting Sequence #1

Reporting Sequences of 900 or Higher

A reporting sequence number of 900 or higher affects the processing order of a requirement group that points to a requirement whose requirement line has a credit include mode of *Verify*. This special sequence number prevents that particular requirement group from being processed until the end of the audit. For example, you can establish a career requirement that verifies all courses that are used throughout the audit.

For a requirement group with a reporting sequence number of 900 or higher that points to a requirement whose requirement line has a credit include mode of *All Stats*, the requirement group is processed in the order defined by its reporting sequence. It does not necessarily process last in the audit. The audit sorts courses by academic structure then reporting sequence, then requirement group number.

In another example, there are two requirement groups. Requirement group 10, whose reporting sequence is 900, is set up at the career level and points to a requirement whose requirement line is set to *Verify*. Requirement group 2, whose reporting sequence is 901, is set up at the career level and points to a requirement line set to *All Stats*. Requirement group 2 will process before requirement group 10.

Regardless of whether the requirement points to a line whose credit include mode is *All Stats* or *Verify*, the requirement group whose reporting sequence is 900 or higher displays last within its academic structure level. The print order follows the reporting sequence, regardless of the order in which the requirement group is processed.

Multiple Programs, Plans, and Subplans

Advisement audits are generated by career. The career requirement groups as well as the primary academic program (the program with the lowest career sequence number) are evaluated first. Then the primary plan (the plan with the lowest plan sequence number) that is associated with this program is evaluated, and then all the subplans that are associated with this plan are evaluated in alphabetical order. If a student has a secondary program, it is then evaluated, followed by attached plans and subplans. When multiple programs exist, they are evaluated in alphabetical order after the primary program is processed.

For example:

Career

Primary program (career sequence number 0)

Primary plan (plan sequence number 10)

Subplan attached to plan 10

Secondary plan (plan sequence number 20)

Subplan attached to plan 20

Secondary program (career sequence number 1)

Plan attached to secondary program

Changes to Academic Structure Processing

You can change academic structure processing by selecting the Evaluate Plan Before Program check box on the Academic Plan Table page and the Evaluate SubPlan Before Plan check box on the Academic Sub-Plan Table page.

Important! If the audit encounters a plan that is attached to the student's primary academic program and you selected the Evaluate Plan Before Program check box, then the academic structure is *not* altered by reporting sequence between the career and program. All career requirements are processed first, then plan requirements are processed, and then program requirements are processed.

For example, if the plan in the previous example were selected to be evaluated before the program, then the reporting order would remain the same as before, and this would be the processing order:

Career Level

Requirement Group #1111, Reporting Sequence #1

Requirement Group #1100, Reporting Sequence #2

Requirement Group #1000, Reporting Sequence #900

Plan Level

Requirement Group #4700, Reporting Sequence #1

Requirement Group #3000, Reporting Sequence #900

Requirement Group #2005, Reporting Sequence #901

Requirement Group #1200, Reporting Sequence #999

Program Level

Requirement Group #2001, Reporting Sequence #1

Requirement Group #2010, Reporting Sequence #5

Requirement Group #2050, Reporting Sequence #5

Sub-plan Level

Requirement Group #700, Reporting Sequence #1

Note. This new processing order affects only plans and subplans that are designated on the first page (Requirement Groups) of the Academic Requirement Groups component. If you append a plan to another plan on the Plans Appended page, then the requirement uses the characteristics of the first plan, not the appended plan. For example, suppose that you set up requirement group 200 as PSUNV/UGRD/FAU/MUSIC (PeopleSoft University/Undergraduate/Fine Arts Undergraduate/Music) and append a plan of PSUNV/UGRD/LAU/PSYCH (PeopleSoft University/Undergraduate/Liberal Arts Undergraduate/Psychology). On the Academic Plan Table page for the music plan, you did not select the Evaluate Plan Before Program check box. On the Academic Plan table for the psychology plan, you *did* select the Evaluate Plan Before Program check box. After evaluating the program level requirement groups, the audit engine evaluates the psychology plan requirement groups that are appended to the music plan requirement groups.

Understanding How to Create Academic Requirement Groups

To create an academic requirement group, complete these general steps:

1. Enter the institution, career, program, plan, and subplan information for the new requirement group on the Requirement Group page.

Also, enter the descriptions as you want them to appear on the advisement transcript or advisement report (My Academic Requirements).
2. Establish the requirement group parameters or filters for this requirement group on the Parameters page.

Specify whether the requirement group has a course share set that enables it to share courses with another group.
3. Enter the detail for this requirement group on the Detail page.
4. Indicate any course validation parameters for this requirement group on the Detail Parameters page.
5. Enter any additional plans and subplans that are required for a specific requirement group on the Plans Required page.
6. Point to established requirements in another requirement group on the Plans Appended page.

Obeying Print Control Settings

This section describes how My Academic Requirements (aka the online report) obeys print control settings. These settings do not affect the pdf report or the advisement transcript.

To review, Print Control values determine whether the report description, report long description, and required parameters print on the advisement report. Print control settings exist at the requirement and requirement line level. In the definitions below, required parameters refer to requirement level or requirement line level parameters.

Print on Audit Reports	Select to specify that the system always prints requirement information (the report descriptions and the required parameters) on the report.
Do Not Print	Select to specify that the system never prints report description or requirement parameter information on the report.
Print If There is Line Detail	Select to specify that if line detail is used to satisfy this requirement, then the system prints the report descriptions, required parameters, and line detail.
Skip Printing of This Level	Select to specify that the system prints line detail but not report descriptions. Exceptions are identified below. This value is not used in analysis; it affects the printout format only.

Values for the Print Control field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

See Also

[Chapter 5, "Setting Up Academic Requirements," Specifying Requirement Parameters, page 51](#)

[Chapter 5, "Setting Up Academic Requirements," Specifying Requirement Line Item Parameters, page 78](#)

Combinations of Print Control and Credit Include Mode Values

The Print Control field appears on the academic requirement Parameters page and on the Line Item Parameters page. The Credit Include Mode field appears on the Requirement Group Parameters page, the requirement Parameters page, and the Line Item Parameters page. Depending on the values for print control and credit include mode, some combination of the requirement group report descriptions, the requirement report descriptions, the requirement line report descriptions, the courses, and the conditions is printed on the advisement report.

The following table shows nearly all possible combinations of the print control and credit include mode values and whether the report descriptions, course, or condition data prints on the advisement report.

Note. Often, more than one combination results in the same information being printed on the audit report. For example, the settings in rows 8 and 10 of the following table cause the same information to be printed.

Table Legend

The following is a list of credit include mode and print control values used in the table:

AS: All Stats.

DNP: Do Not Print.

PITILD: Print If There Is Line Detail.

SPOTL: Skip Printing of This Level.

POAR: Print On Audit Reports.

DNPLD: Do Not Print Line Detail.

VER: Verify. ANY: Any field value.

Notes

Note the following information about the table:

- *Yes* and *No* values on the table indicate whether the item appears on the advisement report.
- When the print control value is *Print if There is Line Detail* (PITILD) and there is no line detail, the Req Line Report Descrs and Course or Cond Data column values are "No." Said another way, the line report descriptions and course or condition data print only when there is line detail. An exception with use of Display Select Line is explained later in this document.

- The *Exclude GPA* value is not included in this table because the results are the same as the results of the All Stats settings.
- Entries are based on a requirement with a course or condition line type that is partially or completely satisfied.
- The Reporting field on the Parameters page is not included.

Row #	Req Grp Credit Incl Mode	Req Grp Report Descrs	Req Credit Incl Mode	Req Print Cntl	Req Report Descrs	Req Line Credit Incl Mode	Req Line Print Cntl	Req Line Report Descrs	Crse or Cond Data
1	AS	Yes	AS	DNP	No	AS	DNP	No	No
2	AS	Yes	AS	DNP	No	AS	DNPLD	No	No
3	AS	Yes	AS	DNP	No	AS	PITILD	No	No
4	AS	Yes	AS	DNP	No	AS	SPOTL	No	No
5	AS	Yes	AS	DNP	No	AS	POAR	No	No
6	AS	Yes	AS	PITILD	Yes	AS	DNP	No	No
7	AS	Yes	AS	PITILD	Yes	AS	DNPLD	Yes	No
8	AS	Yes	AS	PITILD	Yes	AS	PITILD	Yes	Yes
9	AS	Yes	AS	PITILD	Yes	AS	SPOTL	No	Yes
10	AS	Yes	AS	PITILD	Yes	AS	POAR	Yes	Yes
11	AS	Yes	AS	SPOTL	No	AS	DNP	No	No
12	AS	Yes	AS	SPOTL	No	AS	DNPLD	Yes	No
13	AS	Yes	AS	SPOTL	No	AS	PITILD	Yes	Yes
14	AS	Yes	AS	SPOTL	No	AS	SPOTL	No	Yes
15	AS	Yes	AS	SPOTL	No	AS	POAR	Yes	Yes
16	AS	Yes	AS	POAR	Yes	AS	DNP	No	No
17	AS	Yes	AS	POAR	Yes	AS	DNPLD	Yes	No
18	AS	Yes	AS	POAR	Yes	AS	PITILD	Yes	Yes
19	AS	Yes	AS	POAR	Yes	AS	SPOTL	No	Yes
20	AS	Yes	AS	POAR	Yes	AS	POAR	Yes	Yes

Row #	Req Grp Credit Incl Mode	Req Grp Report Descrs	Req Credit Incl Mode	Req Print Cntrl	Req Report Descrs	Req Line Credit Incl Mode	Req Line Print Cntrl	Req Line Report Descrs	Crse or Cond Data
21	AS	Yes	VER	DNP	No	VER	DNP	No	No
22	AS	Yes	VER	DNP	No	VER	DNPLD	No	No
23	AS	Yes	VER	DNP	No	VER	PITILD	No	No
24	AS	Yes	VER	DNP	No	VER	SPOTL	No	No
25	AS	Yes	VER	DNP	No	VER	POAR	No	No
26	AS	Yes	VER	PITILD	No	VER	DNP	No	No
27	AS	Yes	VER	PITILD	No	VER	DNPLD	No	No
28	AS	Yes	VER	PITILD	No	VER	PITILD	No	No
29	AS	Yes	VER	PITILD	No	VER	SPOTL	No	No
30	AS	Yes	VER	PITILD	No	VER	POAR	No	No
31	AS	Yes	VER	SPOTL	No	VER	DNP	No	No
32	AS	Yes	VER	SPOTL	No	VER	DNPLD	No	No
33	AS	Yes	VER	SPOTL	No	VER	PITILD	No	No
34	AS	Yes	VER	SPOTL	No	VER	SPOTL	No	No
35	AS	Yes	VER	SPOTL	No	VER	POAR	No	No
36	AS	Yes	VER	POAR	Yes	VER	DNP	No	No
37	AS	Yes	VER	POAR	Yes	VER	DNPLD	No	No
38	AS	Yes	VER	POAR	Yes	VER	PITILD	No	No
39	AS	Yes	VER	POAR	Yes	VER	SPOTL	No	No
40	AS	Yes	VER	POAR	Yes	VER	POAR	No	No
41	AS	Yes	AS	DNP	No	VER	DNP	No	No
42	AS	Yes	AS	DNP	No	VER	DNPLD	No	No
43	AS	Yes	AS	DNP	No	VER	PITILD	No	No

Row #	Req Grp Credit Incl Mode	Req Grp Report Descrs	Req Credit Incl Mode	Req Print Cntrl	Req Report Descrs	Req Line Credit Incl Mode	Req Line Print Cntrl	Req Line Report Descrs	Crse or Cond Data
44	AS	Yes	AS	DNP	No	VER	SPOTL	No	No
45	AS	Yes	AS	DNP	No	VER	POAR	No	No
45	AS	Yes	AS	PITILD	Yes	VER	DNP	No	No
46	AS	Yes	AS	PITILD	Yes	VER	DNPLD	Yes	No
47	AS	Yes	AS	PITILD	Yes	VER	PITILD	Yes	Yes
48	AS	Yes	AS	PITILD	Yes	VER	SPOTL	No	Yes
49	AS	Yes	AS	PITILD	Yes	VER	POAR	Yes	Yes
50	AS	Yes	AS	SPOTL	No	VER	DNP	No	No
51	AS	Yes	AS	SPOTL	No	VER	DNPLD	Yes	No
52	AS	Yes	AS	SPOTL	No	VER	PITILD	Yes	Yes
53	AS	Yes	AS	SPOTL	No	VER	SPOTL	No	Yes
54	AS	Yes	AS	SPOTL	No	VER	POAR	Yes	Yes
55	AS	Yes	AS	POAR	Yes	VER	DNP	No	No
56	AS	Yes	AS	POAR	Yes	VER	DNPLD	Yes	No
57	AS	Yes	AS	POAR	Yes	VER	PITILD	Yes	Yes
58	AS	Yes	AS	POAR	Yes	VER	SPOTL	No	Yes
59	AS	Yes	AS	POAR	Yes	VER	POAR	Yes	Yes
60	AS	Yes	VER	DNP	No	AS	DNP	No	No
61	AS	Yes	VER	DNP	No	AS	DNPLD	No	No
62	AS	Yes	VER	DNP	No	AS	PITILD	No	No
63	AS	Yes	VER	DNP	No	AS	SPOTL	No	No
64	AS	Yes	VER	DNP	No	AS	POAR	No	No
65	AS	Yes	VER	PITILD	No	AS	DNP	No	No

Row #	Req Grp Credit Incl Mode	Req Grp Report Descrs	Req Credit Incl Mode	Req Print Cntrl	Req Report Descrs	Req Line Credit Incl Mode	Req Line Print Cntrl	Req Line Report Descrs	Crse or Cond Data
66	AS	Yes	VER	PITILD	No	AS	DNPLD	No	No
67	AS	Yes	VER	PITILD	No	AS	PITILD	No	No
68	AS	Yes	VER	PITILD	No	AS	SPOTL	No	No
69	AS	Yes	VER	PITILD	No	AS	POAR	No	No
70	AS	Yes	VER	SPOTL	No	AS	DNP	No	No
71	AS	Yes	VER	SPOTL	No	AS	DNPLD	No	No
72	AS	Yes	VER	SPOTL	No	AS	PITILD	No	No
73	AS	Yes	VER	SPOTL	No	AS	SPOTL	No	No
74	AS	Yes	VER	SPOTL	No	AS	POAR	No	No
75	AS	Yes	VER	POAR	Yes	AS	DNP	No	No
76	AS	Yes	VER	POAR	Yes	AS	DNPLD	No	No
77	AS	Yes	VER	POAR	Yes	AS	PITILD	No	No
78	AS	Yes	VER	POAR	Yes	AS	SPOTL	No	No
79	AS	Yes	VER	POAR	Yes	AS	POAR	No	No
80	VER	Yes	ANY	ANY	No	ANY	ANY	No	No

In an effort to make the My Academic Requirements report more readable and user friendly, the following exceptions or adaptations have been made to the presentation of information on the online report.

- Some setup dictates that the requirement line report descriptions and required line parameters should not print and yet line detail should print. Now, the report description is displayed on the advisement report above the course grid or condition data so users have a point of reference.

In the table above, rows 9, 14, 19, 53, and 58 are examples of where you will see the change described.

- Some setup dictates that course or condition display only when detail exists. For example, the print control for the line may be *Print if there is Line Detail*. There are circumstances where there may be no line detail and yet the *Display Select Line* was selected. In such cases, the system should print courses that may be used to satisfy the line. The change made to the online report is as follows. When the Display Select Line option is selected and there is no line detail, the report will display the report description followed by the courses that may be used. The report long description and line parameters will not display. No changes as yet have been made to the pdf report.

In the table above, rows 8, 13, 18, 47, 52, 57 are examples of this behavior.

- The Condition Description field is to be used with the requirement line type of condition. This field is 254 characters long and, when populated, the field value is used where the report long description normally prints. Users are not required to populate the field. If it is empty (blank) the audit will print the condition code, operator, and condition data, as it has in the past. The pdf report currently does not use the field value.

Setting Up Academic Requirement Groups

This section discusses how to:

- Set up a requirement group.
- Establish requirement group parameters.
- Define the requirement group detail.
- Set up the requirement group detail parameters.
- Specify required plans and subplans.
- Identify appended requirement group.

Pages Used to Set Up Academic Requirement Groups

<i>Page Name</i>	<i>Definition Name</i>	<i>Navigation</i>	<i>Usage</i>
Requirement Group	ADVIS_RQRMNT_GROUP	Academic Advisement, Academic Requirements, Define Requirement Groups, Requirement Group	Establish the institution, career, program, plan, and subplan information for a new requirement group.
Parameters	ADVIS_RQ_GRP_PARM	Academic Advisement, Academic Requirements, Define Requirement Groups, Parameters	Establish the requirement group parameters or filters for this requirement group.
Detail	ADVIS_RQ_GRP_DET	Academic Advisement, Academic Requirements, Define Requirement Groups, Detail	Assign the detail for a specific requirement group. You can view all detail lines, including connector types, that affect the requirement group.
Detail Parameters	ADVIS_RG_DET_PARM	Academic Advisement, Academic Requirements, Define Requirement Groups, Detail Parameters	Establish course validation parameters. This page is blank unless the group line type on the Detail page is Course or Wild Card Course.

<i>Page Name</i>	<i>Definition Name</i>	<i>Navigation</i>	<i>Usage</i>
Plans Required	ADVIS_RQRMNT_PLANS	Academic Advisement, Academic Requirements, Define Requirement Groups, Plans Required	Define plans and subplans that are required for a specific requirement group.
Plans Appended	ADVIS_RQRMNT_SUBST	Academic Advisement, Academic Requirements, Define Requirement Groups, Plans Appended	Point to established requirement groups (by academic structure) and append those groups to the requirement group identified on this page. Established requirement groups can be appended to another requirement group.

Setting Up a Requirement Group

Access the Requirement Group page (Academic Advisement, Academic Requirements, Define Requirement Groups, Requirement Group).

Requirement Group	Parameters	Detail	Detail Parameters	Plans Required	Plans Appended
Basic Data Find View All 1 of 1					
Requirement Group:	000115 + -				
*Effective Date:	02/02/1900 31	*Status:	Active v	*Reporting Sequence:	1
*Requirement Usage	ADV				
Academic Structure					
*Academic Institution:	PSUNV v	PeopleSoft University			
Academic Career:	UGRD q	Undergraduate			
Academic Program:	LAU q	Liberal Arts Undergraduate			
Academic Plan:	<input type="text"/> q				
Academic Sub-Plan:	<input type="text"/> q				
Description Fields					
*Search Description:	<input type="text" value="LAU GE Distribution"/>		*Short Search Description:	<input type="text" value="LAU GE Dis"/>	
*Long Description:	<input type="text" value="College of Liberal Arts General Education Distribution Requirements:"/>				
*Report Description	<input type="text" value="LAU GE Distribution"/>				
*Report Long Description:	<input type="text" value="College of Liberal Arts General Education Distribution Requirements:"/>				
Display of Status					
<input type="checkbox"/> Hide Status					
Using Report Long Description in Course Catalog					
<input type="checkbox"/> Enable Catalog Print			<input type="checkbox"/> Override Report Long Description		
Pre-Condition					
Condition Code:	<input type="text" value="None"/> v				

Requirement Group page

Several fields on this page affect the order in which requirement groups appear on a degree audit report. The academic structure (as reflected by the Academic Career, Academic Program, Academic Plan, and Academic Sub-Plan fields) and the Reporting Seq (reporting sequence) field define the audit order of requirement groups. For example, requirement groups that are established at the career level are printed before requirement groups that are set up at the program level.

The system assigns a unique, sequential identifying number to each requirement group. However, you can assign the number, if necessary. Each requirement group consists of detail lines that point to conditions, courses, or requirements, as well as parameters that include unit and course requirements.

In Add mode only, the Copy button appears on the first page of the Academic Requirement Groups component. Requirement groups that are eligible to be copied are academic requirement groups with a usage value of *Academic Advisement* or a user-defined usage value. This feature copies all field values in a requirement group except for course share sets. To copy an eligible requirement group, click the Copy button and enter the requirement group that you want to copy. Then, enter the appropriate copy mode field value. Select *Copy last record* to specify that only the last effective-dated record is copied. Select *Copy all records* to specify that all effective-dated records are copied. Use this field value only when the requirement group to be copied has multiple effective-dated rows. If you select *None*, the value converts to *Copy last record*.

Click OK to copy the specified requirement group.

Note. You can copy a requirement group with a usage value of *Academic Advisement* and then change the usage value of the new copy to *Student Individualized Plan*. Also, if you use the copy feature to create a new requirement group, you cannot assign a specific requirement group number to the new group. When you click the Copy button and save, the system automatically assigns the next sequential number to the new requirement group. If you must assign a specific, unused number to the new requirement group, do not click the Copy button. Instead, create the new requirement group by re-entering all of the field values.

Effective Date

Enter an effective date to define when the status that you select is valid. This date reflects the student's requirement term as determined by the requirement group. Add a new effective-dated row if any of the requirement group information changes.

When you apply a requirement group to a student, the requirement term begin date of the requirement group academic structure determines which effective-dated row is current for the student. For example, if you define a requirement group to the plan level, then the system uses the student's plan requirement term to determine the effective date for the requirement group. You define the requirement terms in the Student Program/Plan component. The system uses this requirement term to evaluate the current effective-dated row for all requirements and course lists that the requirement group uses.

As an example, suppose that you apply a requirement group defined at a program level to a student. It has two effective-dated rows, 01/01/1900 and 01/01/2000. The student's academic program requirement term is fall 1999, so the current effective-dated row for the requirement term of fall 1999 is 01/01/1900. The 01/01/1900 requirement group points to a requirement with effective-dated rows of 01/01/1900 and 01/01/1980. The system uses the student's program requirement term because that was the academic structure of the requirement group that uses this requirement, so the current effective-dated row for requirement term fall 1999 is now 01/01/1980. The 01/01/1980 requirement uses a course list with two effective-dated rows, 01/01/1900 and 01/01/1990. Once again, the system uses the student's program requirement term to evaluate the current effective-dated row to be used, which is 01/01/1990.

Status

Select a value to indicate the status of the requirement group. Values are:

Active: Select when adding a new requirement group.

Inactive: Select only if your institution will no longer use this requirement group. Add a new effective-dated row if any of the requirement group information changes

Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

Requirement Usage

Select the value that specifies how data in this requirement group will be used. The page must be in Add mode to enter a field value. These requirement group usage values are delivered with the system and should not be modified in any way:

Academic Advisement: Select to have the system use this requirement group during the regular degree audit process.

Student Individualized Plan: Select to have the system use this requirement group as a substitute requirement group for a student or group of students. You assign this requirement group on the Authorize Student Exceptions pages.

You can also define a special usage for a requirement group on the Requirement Usage page. You use special usage values to isolate or point to specific groups of students with common characteristics and to isolate special requirement groups that you can attach to a transcript type, which you can run against any student.

After you assign this special usage to a requirement group, use the Transcript Type component to specify a special report. Identify the special report by the requirement group usage.

See [Chapter 3, "Setting Up Optional Advisement Data," Setting Up Special Requirement Usage Values, page 19.](#)

Note. A requirement group with a usage of *Student Individualized Plan* can point to requirements with a usage of *Student Individualized Plan* and *Academic Advisement*.

Reporting Sequence

Enter the sequence or order, within a specific level of the academic structure, in which the audit engine analyzes and reports a requirement group. The default value is 1. The difference between *reporting order* and *processing order* is that *reporting order* refers to the order in which courses, requirements, and requirement groups are printed in the audit report; *processing order* refers to the order in which the audit engine processes courses. Academic structure, requirement group number, and reporting sequence number affect the processing order.

Each of the following requirement groups is identified by the level to which it is defined (for example, career, program, plan, and subplan), the requirement group number, and the reporting sequence number. The requirement groups are listed in order of reporting sequence number within each level:

Career Level

Requirement Group #1111, Reporting Sequence = 1

Requirement Group #1100, Reporting Sequence = 2

Requirement Group #1000, Reporting Sequence = 900

Program Level

Requirement Group #2001, Reporting Sequence = 1

Requirement Group #2010, Reporting Sequence = 5

Requirement Group #2050, Reporting Sequence = 5

Plan Level

Requirement Group #4700, Reporting Sequence = 1

Requirement Group #3000, Reporting Sequence = 900

Requirement Group #2005, Reporting Sequence = 901

Requirement Group #1200, Reporting Sequence = 999

Sub-plan Level

Requirement Group #700, Reporting Sequence = 1

The default value in the Reporting Seq field is 1, which results in the engine reporting requirement groups in requirement group number order within each section of the academic structure. If the requirement groups in the previous list all had a reporting sequence number of 1, the groups would be reported in this order:

Career Level

Requirement Group #1000, Reporting Sequence = 1

Requirement Group #1100, Reporting Sequence = 1

Requirement Group #1111, Reporting Sequence = 1

Program Level

Requirement Group #2001, Reporting Sequence = 1

Requirement Group #2010, Reporting Sequence = 1

Requirement Group #2050, Reporting Sequence = 1

Plan Level

Requirement Group #1200, Reporting Sequence = 1

Requirement Group #2005, Reporting Sequence = 1

Requirement Group #3000, Reporting Sequence = 1

Requirement Group #4700, Reporting Sequence = 1

Sub-plan Level

Requirement Group #700, Reporting Sequence = 1

If you change the value in the Reporting Seq field, the advisement engine reports the requirement groups by reporting sequence number. If you assign two or more requirement groups the same reporting sequence number (for example, 5, 10, or 900) within the same section of the academic structure, the groups are sorted by requirement group number.

If the Reporting Seq value is greater than 1, the reporting sequence number applies across career-level and program-level requirement groups. For example, a career-level requirement group with a Reporting Seq value of 3 would be processed and reported after a program-level requirement group with a Reporting Seq value of 2. This interaction of sequence numbers affects only career-level and program-level requirement groups. Program-level requirement groups do not interact with plan-level requirement groups, and plan-level requirement groups do not interact with subplan-level requirement groups. If the requirement groups in the previous list all had different reporting sequence numbers, then the groups would be reported in this order:

Career and Program Levels

Requirement Group #1111, Reporting Sequence = 1

Requirement Group #2001, Reporting Sequence = 1

Requirement Group #1100, Reporting Sequence = 2

Requirement Group #2010, Reporting Sequence = 5

Requirement Group #2050, Reporting Sequence = 5

Requirement Group #1000, Reporting Sequence = 900

Plan Level

Requirement Group #4700, Reporting Sequence = 1

Requirement Group #3000, Reporting Sequence = 900

Requirement Group #2005, Reporting Sequence = 901

Requirement Group #1200, Reporting Sequence = 999

Sub-plan Level

Requirement Group #700, Reporting Sequence = 1

Academic Structure

Academic Career

Enter the academic program for this requirement group. An academic career can have any number of academic programs.

Academic Program

(Optional) Enter the program to which a student applies, is admitted, and ultimately graduates. The academic plan is active within this program. An academic program can contain any number of academic plans. If you do not enter a value, then the requirement group applies to all programs within the specified career.

Academic Plan

(Optional) Enter an area of study (for example, major or minor) within the academic program. Some plans are subdivided into subplans. If you do not enter a value, then the requirement group applies to all plans within the specified career or the specified program, if a program is entered on this page.

The system ensures that the program or career values are valid for the plan; error messages occur when necessary. If an academic plan is defined only to a career, a program is not necessary.

Academic Sub-Plan

(Optional) Enter a further specialization within the academic plan. An academic plan can have any number of academic subplans. If you do not enter a value, then the requirement group applies to all subplans within the specified career or the specified plan, if a plan is entered on this page.

Important! The system uses the Academic Career, Academic Program, Academic Plan, and Academic Sub-Plan fields on this page during analysis to search for requirements that match a student's record. (These fields are not just prompt values.) The system ignores blank fields and uses a requirement group for a particular career, program, plan, or subplan only if all the nonblank fields match exactly. Fields are matched in hierarchical order. For example, if the requirement group reflects an entire career, then a value appears in the Academic Career field, while the Academic Program, Academic Plan, and Academic Sub-Plan fields are left blank.

Description Fields**Search Description, Short Search Description, and Long Description**

Enter a description of the requirement group that is meaningful as a search key in the Search Description field. This description appears in search results for requirement groups. For example, a description of *1998 req for PSYCH* (1998 requirement for psychology) helps to identify this requirement group. The Short Search Description appears only on this page. The Long Description appears on the degree audit report generated from the Student Advisement Report component. If your institution has purchased and licensed PeopleSoft Campus Self Service, the Long Description appears on the degree audit report generated from the View Degree Progress Report and the Evaluate My Transfer Credit self-service components.

See *PeopleSoft Campus Self Service 9.0 PeopleBook*, "Using Self-Service Degree Progress/Graduation."

See *PeopleSoft Campus Self Service 9.0 PeopleBook*, "Using Self-Service Transfer Credit."

Note. You can alter the academic structure processing of requirement groups by evaluating plans before programs, evaluating subplans before plans, or both.

Report Description and Report Long Description

Enter a description and a long description that you want to appear on the advisement report that is generated using the Request Advisement Report or Generate Advisement Reports components (SAA_RPT_RQST or SAA_RC_RPTGEN). Use the long description to further explain the requirement group.

Display of Status**Hide Status**

This check box is for use with informational-only type of requirement groups --where the requirement group setup is such that it does not make sense to display on the advisement report the status of *Satisfied* or *Not Satisfied*. Select the check box if you do not want the status (*Satisfied* or *Not Satisfied*) to appear on the advisement report next to the requirement group.

Note. The option to hide the status also exists for the requirement and requirement line.

Using Report Long Description in Course Catalog**Enable Catalog Print**

This check box has no effect in the delivered software. However, you can write your own program that uses it to report on requirement groups.

Override Report Long Description

This check box has no effect in the delivered software.

Pre-Condition

Pre-Condition

Enter a precondition to restrict the use of a requirement group to a particular type of student. For example, if a requirement group has a precondition of *Academic Standing Equal Good Standing*, then this requirement group applies only to a student in good academic standing.

If the precondition is false for a student, then the system does not consider the requirement group during analysis. The audit engine evaluates and reports the requirement group and student information only if the precondition is true for the student. The default value is *None*, indicating that the field is clear. If this field contains a value other than *None*, then additional fields are available to complete the precondition statement.

Possible operators for a precondition statement are *Less or Equal*, *Greater or Equal*, *Equal*, *Greater Than*, *Less Than*, *Not Equal*, *In*, and *Not In*. *None* is the same as *Equal*. Operators are not used if the precondition is *Dynamic Condition*. If the precondition is *Dynamic Condition*, then select one of the dynamic conditions that you previously created in the Define Dynamic Condition component.

Note. A student with a null set of entities is always considered true for all plurals of that entity for both *in* and *not in* because the null set is included in all entity groups and all entity group complements.

Basic precondition values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort. However, you can use a condition specification as a precondition on the Requirement Group page. You use the Define Dynamic Condition component to define new condition specifications. After you create a condition specification, you can use it as a condition line type in an academic requirement; as a condition group line type in an academic requirement group; or as a precondition on the Requirement Group, Requirement, or Requirement Line Item page.

Warning! Preconditions can be a powerful tool that the system uses to determine whether it should apply a particular requirement group to a student. However, complex condition and multiple condition processing take processing time; therefore, use them only when needed.

For example, rather than setting up one requirement group at the program level that points to requirements with preconditions of specific plans within the program, consider establishing requirement groups for each requirement and define the requirement group at the plan level. The system retrieves only the requirement groups that correspond to a student's academic record. Retrieving a requirement group with a few requirements attached takes less time than processing one requirement group with many requirements that are all attached with preconditions.

Note. A precondition of Academic Plan, Academic Plans, Academic Program, Academic Programs, Primary Academic Plan, Primary Academic Program, Academic Sub-Plan, Academic Sub-Plans, Student Group, or Student Groups uses an entity group value to complete the statement.

In addition, the operators *In* and *Not In* are used with an entity group value.

See [Chapter 13, "Creating and Using Expanded Conditions and Custom Conditions," Defining Academic Entity Groups, page 206.](#)

Select a precondition value:

None: No precondition.

Academic Level: Select to specify a student's year of study. For example, valid values include freshman and sophomore. The system evaluates this value against the student based on the as-of date that you specify at runtime.

Academic Plan: Select to specify a student's academic plan. If the student has only one plan, *Academic Plan* and *Primary Academic Plan* reference the same plan.

Academic Plans: Select to specify that all of a student's plans are part of the equation.

Academic Program: Select to specify a student's academic program. If the student has only one program, *Academic Program* and *Primary Academic Program* reference the same program.

Academic Programs: Select to specify that all of a student's academic programs are part of the equation.

Academic Standing: Select to specify a student's standing at the institution. For example, values might include good standing, probation, and dismissal. Values are defined on the Academic Standing Table page. The system evaluates this value against the student based on the as-of date that you specify at runtime.

Academic Sub-Plan: Select to specify a student's academic subplan.

Academic Sub-Plans: Select to specify that all of a student's subplans are part of the equation.

Cumulative Grade Point Average: Select to specify a student's cumulative grade point average, which is derived from the student's term history cumulative statistics in conjunction with the processing as-of date.

Dynamic Condition: Select to specify a dynamic condition that you previously created in the Define Dynamic Condition component. You can select only dynamic conditions that share the same requirement usage value as the requirement group.

Primary Academic Plan: Select to specify a student's primary academic plan, which is the plan designated by the lowest plan sequence number on the Student Plan page. For example, under a program of LAU, a student might have two plans, PSYCH and CLASSICS MINOR. If PSYCH has a plan sequence number of 10 and CLASSICS MINOR has a plan sequence number of 20, then PSYCH is the primary academic plan. On the Student Plan page, the primary career is designated as Student Career Nbr 0 (student career number 0).

Important! The primary academic plan is the plan designated by the lowest plan sequence number on the Student Plan page, and the primary academic program is the program designated by the lowest career sequence number on the Student Program page. However, if a student has multiple programs (containing multiple plans), the primary academic plan is not necessarily the lowest plan sequence number under a given program, but it is the plan with the lowest plan sequence number under the program with the lowest student career number. For example, suppose that under a program of LAU (attached to a student career number of 0) a student has a plan of PSYCH with a plan sequence number of 10. The same student has a plan of ART with a plan sequence number of 10 under a program of FAU (attached to a student career number of 1). Both plans have a plan sequence number of 10, but the plan under the program with the lower career number is the primary plan.

In this example, the primary plan is PSYCH, which is tied to a student career number of 0 through the LAU program.

Primary Academic Program: Select to specify a student's primary academic program. The primary academic program is the program designated by the lowest career sequence number. On the Student Program page, the primary career is designated as Student Career Nbr 0.

Student Group: Select to specify a grouping of students. For example, values might include athlete and veteran. You define values in the Student Group table.

Student Groups: Select to specify that all student groups containing a student are part of the equation.

Test Score: Select to specify a test score. Upon selecting this value, the following fields become available according to the setup on the Define Tests for Advisement page: Test ID, Test Component, Condition Operator, Test Score, Months Valid, and Test Score Method.

Establishing Requirement Group Parameters

Access the Parameters page (Academic Advisement, Academic Requirements, Define Requirement Groups, Parameters).

Requirement Group	Parameters	Detail	Detail Parameters	Plans Required	Plans Appended
Find View All 1 of 1					
Requirement Group:	000115	LAU GE Distribution			
Effective Date:	02/02/1900	Status:	Active		
Unit, Course, and GPA Values					
Minimum Units:	<input type="text"/>	Minimum Courses:	<input type="text" value="6.00"/>		
Minimum GPA:	<input type="text"/>	Min Grade Points/Unit:	<input type="text"/>		
Resolution Methodology					
*Course Ranking Scheme:	<input type="text" value="Chronological"/>				
*Credit Include Mode:	<input type="text" value="All Stats"/>				
Choice Resolution Method:	<input type="text" value="Satisfy in Sequential Order"/>				
Connector Type					
<input checked="" type="radio"/> AND <input type="radio"/> OR					
Display Control					
*Reporting:	<input type="text" value="Always Report"/>				
Display if Satisfied					
<input type="checkbox"/> GPA <input type="checkbox"/> Units <input type="checkbox"/> Course Count					
Sharing					
<input type="checkbox"/> Partition Sharing					
Share Sets					
*Course Share Set	Description				
<input type="text" value="000000010"/> 🔍	Psych/GE Share	<input type="text"/>	<input type="text"/>	<input type="text" value="+"/>	<input type="text" value="-"/>
<input type="text" value="000000011"/> 🔍	LAU Dist with ENGL-BA	<input type="text"/>	<input type="text"/>	<input type="text" value="+"/>	<input type="text" value="-"/>
<input type="text" value="000000012"/> 🔍	SOC/LAU GE	<input type="text"/>	<input type="text"/>	<input type="text" value="+"/>	<input type="text" value="-"/>

Parameters page

Note. For requirement group parameters to work, you must define detail lines on the Detail page. You can set up the parameters first, but detail lines are necessary for the parameters to be effective.

The fields on this page are identical to the fields on the Requirement Parameters page. If the field values that you enter on the Requirement Parameters page are greater than the field values that you enter on the Requirement Group Parameters page, then the parameters that you specify at the requirement level override those at the requirement group level.

You should *always* insert required parameters at the lowest level possible. For example, if the requirement specifies that the minimum number of units is 24 and the requirement group specifies that the minimum number of units is 18, then the audit attempts to find 24 units. However, the reciprocal is also true. If the requirement needs 6 units but the requirement group needs 10 units, then the audit engine searches for 10 units.

If a requirement (or a requirement group) needs a minimum number of units and courses that is greater than the sum of the specific line requirements and the Credit Include Mode field value is *All Stats* at the requirement (or requirement group) level, then the audit engine first uses as many units or courses as needed at the lowest parameter level. For example, if a single requirement line needs one course and a requirement group also points to that single requirement, then you should set the minimum course parameter at the requirement line level.

For more information about how parameters at the requirement group and requirement levels interact, refer to the Credit Include Mode diagram and the supporting text.

Unit, Course, and GPA Values

Minimum GPA (minimum grade point average)	Enter the minimum overall GPA requirement for classes selected to satisfy this requirement group. For example, if a student needs to take four Math 100-level classes with an overall GPA of 2.500 for a total of 12 units with a grade of C or better in each class, then enter 2.500 in this field.)
	In-progress courses or grades that are not included in GPA (for example, pass/no pass or transfer credit grades) satisfy the minimum GPA requirement.
Minimum Units	Enter the minimum total units for all of the courses selected to satisfy this requirement group.
Min Grade Points/Unit (minimum grade points/unit)	Enter the minimum grade points per unit for each class that is selected to satisfy this requirement. The system uses this value as the default value for each detail line, where you can override it.
Minimum Courses	Enter the minimum course grade that satisfies this requirement group. This value appears by default in each detail line.

Resolution Methodology

Credit Include Mode

Select how courses in the requirement group are included in the degree audit:

All Stats: Select to specify that all course statistics are reported. A course captured by an *All Stats* requirement group is used for that requirement group and cannot be counted toward any other *All Stats* requirement group.

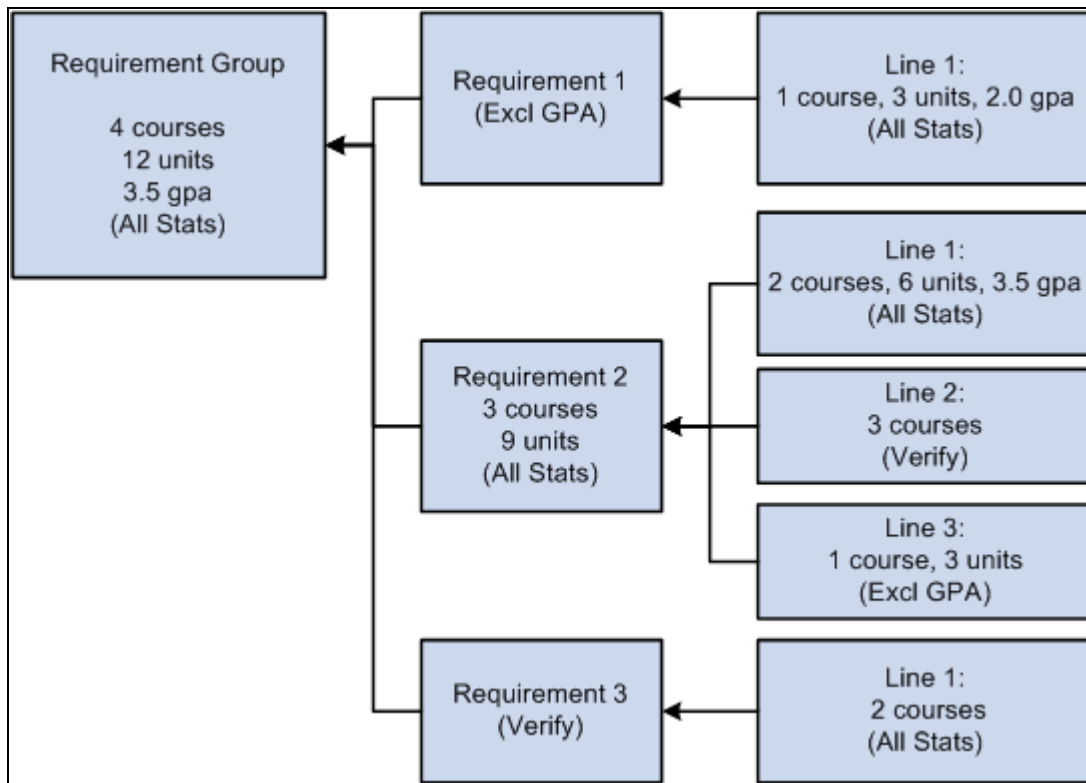
Excl GPA: Select to specify that courses in this requirement group are excluded from GPA. You use this value at the lower level of requirement or at the requirement line level to prevent the system from using the GPA from certain courses at the higher level of requirement or requirement group. A course captured by an *Excl GPA* requirement is used for that requirement group and cannot be counted toward any other *All Stats* or *Excl GPA* requirement group.

Verify: Select to specify that the application checks and verifies that the course was taken, but does not record the credit, so the course can be used elsewhere in the audit. A course captured by a *Verify* requirement group can be used by another *Verify* requirement group, *Excl GPA* requirement group, or *All Stats* requirement group. However, the course is counted toward requirement group completion. For example, for a graduate program electives requirement group, verify that all graduate students in the School of Education master's degree program complete at least two courses numbered 400 or higher in an academic area or plan other than their own. You use this value more commonly in requirements that have overall unit requirements, such as completion of 120 units to graduate, required term unit loads, or required academic standing status.

Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

Important! When the credit include mode value is *Verify*, the parameters (Minimum Units and Maximum Units Allowed field values) act as boundaries for determining a truth value. For example, if the Minimum Units value is 6.0, the Maximum Units Allowed value is 15.0, and the student has fewer than six or more than 15 units, then the truth value is false. If the student is within this range, then the truth value is true. *Verify* accepts and reports all courses that match the course list and transcript, whereas the *All Stats* and *Excl GPA* lines use the minimum courses in order to free additional courses to be used elsewhere.

In the following example, the requirement group requires a total of four courses for 12 units with a combined minimum GPA of 3.5. The three detail lines (requirements) contribute to these parameters according to the credit include mode value assigned at each level:



Example of Credit Include Mode

Requirement 1 has one detail line. The line requires one course of three units with a minimum GPA of 2.0. Credit include mode for this line is set to *All Stats*, which allows units, course count, and GPA to be passed to the requirement level. The requirement credit include mode is set to *Excl GPA*, which allows only units and course count to contribute to the minimum parameters required at the requirement group level.

Requirement 2 requires a minimum of three courses for a total of nine units. Line 1 requires two courses with a minimum of six units and a minimum GPA of 3.5. Credit include mode for this line is set to *All Stats*, so all information is passed to the requirement level. Because this is the only line that contributes to the GPA at the requirement level, the GPA required at the requirement group level is derived from the courses captured here. Line 2 requires three courses, but the credit include mode at this level is set to *Verify*, so no course information is passed to the requirement level. No courses used here contribute to the three courses or nine units at the requirement level. This line only helps to satisfy the overall requirement by passing a true (if the three courses are found) or false. Line 3 requires one course of three units. The credit include mode for this line is set to *Excl GPA*, which prohibits the line from contributing to the minimum 3.5 GPA at the requirement group level. Only course count and units are passed to the requirement level.

Requirement 3 has one detail line that requires two courses. Credit include mode for this line is set to *All Stats*, so courses are used to satisfy this line, and course count, units, and GPA are passed to the requirement level. However, the credit include mode for the requirement is set to *Verify*, so no course information is passed to the requirement group level. This requirement passes a true or false value to the requirement group level and is used in determining the completion status of the overall requirement group.

Choice Resolution Method

This is the preferred method of analyzing multiple partitions in an AND or OR statement. Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

Values are:

Satisfy in Sequential Order: Select to specify that the system evaluates detail lines in sequential order, except for limits that are analyzed first. For example, if the requirement consists of Line 10 OR Line 20 OR Line 30 OR Line 40 where partition sharing is allowed and the minimum partitions to complete is two, then any two partitions must be satisfied, although Line 10 and Line 20 are analyzed first. In another example, if a requirement consists of Line 10 OR Line 20, then a course that can satisfy both Line 10 or Line 20 is used to satisfy Line 10 if Line 10 is not already satisfied. If a student has completed Math 1 and Math 5, and Line 10 requires Math 1 and Math 2 and Line 20 requires Math 1 and Math 5, then Math 1 is used to satisfy Line 10, not Line 20. When the field value is *Satisfy in Sequential Order*, a student can satisfy Line 20 before Line 10 if the lines require different courses and the student has completed the required courses for Line 20.

Investigate All Combinations: Select to specify that after the system analyzes limits, it sorts detail lines to find the best combination in regard to the requirement group. For example, if the requirement consists of Line 10 OR Line 20 OR Line 30 OR Line 40 where partition sharing is allowed and the minimum partitions to complete is two, then any two of the lines must be satisfied. In another example, Line 10 requires Math 1 and Math 2 and Line 20 requires Math 1 and Math 5. The student has completed Math 1 and Math 5. Line 20 is satisfied.

Important! Regardless of which Choice Resolution Method field value you select, if the student does not meet the requirements of any of the lines, then the audit lists the courses that are available to fulfill each of the partitions. If the student meets the requirements for the minimum number of partitions, then the audit lists only the courses for the satisfied partitions.

Connector Type

Select the main (default) Boolean operator to use in the equation that contains the detail lines. Detail lines joined by the opposite of the main connector type are grouped into one partition. Detail lines joined by the main connector are considered as individual components (or partitions) of the equation. A partition is each detail line in the equation or each set of detail lines grouped by parentheses. For example, if the connector type is AND and the detail lines are A OR B AND C OR D AND E, then the detail appears on the page as (A OR B) AND (C OR D) AND E. The first partition is (A OR B), the second partition is (C OR D), and the third partition is E. The main connector (that is, the connector that joins the partitions) is AND. (The connector that joins components within a partition is always the opposite of the main connector type.) In another example, if the main connector is OR and the detail lines are A OR B AND C OR D, then the detail appears on the page as A OR (B AND C) OR D. The first partition is A, the second partition is (B AND C), and the third partition is D. The system uses this field as the connector default on the Detail page when you insert rows.

Display Control

Reporting

The Reporting field values, *Report Only When Satisfied* and *Report Only When Not Satisfied*, suggest that only display of data is suppressed. However, the selection of a Reporting field value other than *Always Report* changes the processing logic for the requirement group. The audit engine checks the Reporting field value after all other processing is completed. The requirement group status (Satisfied or Not Satisfied) is compared against the Reporting field value (*Report if Satisfied* or *Report if Not Satisfied*). If the values do not agree (that is, both are satisfied or both are unsatisfied), the requirement group and all requirements and requirement lines attached to the requirement group are deleted from the report results. Consequently, the requirement group will not appear on the report.

Always Report: Select to specify that the requirement group is always reported, regardless of the completion status.

Note. To ensure consistent results, use the Reporting field value of *Always Report*.

Report Only When Not Satisfied: Select to specify that the requirement group is reported only if the student did not successfully complete it. For example, you could use this value to report probationary status.

Use this reporting value with the Credit Include Mode of *Verify*.

Using the Credit Include Mode of *All Stats* may result in unexpected report results when the requirement group is satisfied and the requirements under the requirement group are satisfied. When this occurs, the courses captured in the requirements and requirement lines are released because they are not to be reported.

Report Only When Satisfied: Select to specify that the requirement group is reported only when the student successfully completes it. For example, you could use this value to report honors status.

Select this value when the requirement group will be satisfied upon satisfaction of the requirements within the requirement group. If the requirements are satisfied and the requirement group is not satisfied, the requirement group results will be deleted and the requirement group and all associated requirement results will not be displayed in the report. The process will treat the non-displayed requirement group as satisfied even though it was not.

Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

Display If Satisfied

GPA (grade point average)	<p>If this check box is cleared, the report displays the GPA value based on the print control matrix in PeopleBooks.</p> <hr/> <p>Note. Previously, if a GPA were required, the actual GPA would appear if a processing level were satisfied. This functionality will not change, even if this check box is cleared.</p> <hr/> <p>If this check box is selected and a minimum GPA is entered, the report displays the required GPA and the calculated GPA for the specific processing level if it is satisfied.</p> <p>If this check box is selected and no minimum GPA is entered, the report displays the calculated GPA for the specific processing level if it is satisfied.</p>
Units	<p>If this check box is cleared, the report displays the appropriate units values based on the print control matrix in PeopleBooks.</p> <p>If this check box is selected and minimum units are entered, the report displays the required units and the calculated units for the specific processing level if it is satisfied.</p> <p>If this check box is selected and no minimum units are entered, the report displays the calculated units for the specific processing level if it is satisfied.</p>
Course Count	<p>If this check box is cleared, the report displays the appropriate course count values based on the print control matrix in PeopleBooks.</p> <p>If this check box is selected and a minimum course count is entered, the report displays the required course count and the calculated course count for the specific processing level if it is satisfied.</p> <p>If this check box is selected and no minimum course count is entered, the report displays the calculated course count for the specific processing level if it is satisfied.</p>

Sharing

Partition Sharing	<p>Select to specify that partitions can share courses. For example, the statement (A OR B) AND (B OR D) has two partitions. If the student took course B, then only one or both partitions are satisfied, depending on whether sharing is allowed. The default for this check box is clear. If the credit include mode value is <i>Verify</i>, you do not need to activate partition sharing. However, if a history course that satisfies both the general education requirement and the writing requirement is available, you can select this check box to share courses on those two requirement lines.</p>
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If the connector type is *OR*, then these fields are available:

Min Partitions to Complete (minimum partitions to complete) Enter the minimum number of partitions that must be completed to satisfy the requirement group. For example, in the statement A OR B OR (C AND D), if the value in this field is 2, then the audit engine searches for two of the three partitions.

Max Partitions to Allow Credit (maximum partitions to allow credit) Enter the maximum number of partitions that can be credited toward meeting a requirement group. For example, you might use this feature in a distribution requirement where a student must meet five of seven partitions, but cannot get credit for more than five partitions.

Example

Suppose that the statement is (A AND B) OR (C AND D) OR (A AND F) OR (C AND G). The Min Partitions to Complete is 2 and the Partition Sharing check box is selected. If the student took courses A, B, and F or courses C, D, and G, then the statement is satisfied.

Enter the appropriate course share set. (Prompt contains values that were established using the Course Share Sets page.) The course share set is a tag that defines a set of requirement groups that can share courses. A course share set enables two or more requirement groups to use the same courses. By using a course share set, one course can be used to satisfy all requirement groups that are tagged by the course share set number.

Note. The course share set is used only at the academic requirement group level and is established on the Course Share Sets page. To share courses at the requirement level, use the partition sharing option on the Requirement Parameters page.

Defining the Requirement Group Detail

Access the Detail page (Academic Advisement, Academic Requirements, Define Requirement Groups, Detail).

The screenshot displays the 'Detail' page for a requirement group. At the top, there are tabs for 'Requirement Group', 'Parameters', 'Detail', 'Detail Parameters', 'Plans Required', and 'Plans Appended'. The 'Detail' tab is active. Below the tabs, there are search and navigation controls: 'Find | View All', 'First', '1 of 1', and 'Last'. The main content area shows the following details:

- Requirement Group:** 000115 LAU GE Distribution
- Effective Date:** 02/02/1900 **Status:** Active
- Group Line Type:** AND (dropdown), *Line: 0020 (text field), + - (buttons)
- *Group Line Type:** Requirement (dropdown)
- Requirement:** 000001082 (text field with search icon), DIST - Social Science
- Requirement Usage:** Academic Advisement

Detail page

(Connector Type)	The system displays this field on all line numbers subsequent to the first line. Select a value to specify how a detail line connects to the previous detail line. If you select <i>NONE</i> , then the field value automatically populates the connector type on the Parameters page.
Line	The system generates this sequential line number. However, you can change the value. (Computer-generated line numbers are assigned in increments of 10.) This field value determines the order in which the system evaluates detail lines. When you insert a line, the system replaces the field value of <i>NEW</i> with the next sequential line number.
Group Line Type	Select the type of requirement group line to define. Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.
	Values are:
	<i>Course:</i> Select to specify a course that a student must take. This selection is less robust than using a requirement line that points to a course list.
	<i>Requirement:</i> Select to specify a requirement that a student must satisfy. Multiple requirement groups can point to a single requirement that was created only one time. As a result, for example, History 101 could satisfy a political science requirement as well as a history major requirement.
	<i>Wild Card Course:</i> Select to specify a course range based on values of the subject area and course catalog number using special wildcard characters. Equivalent courses are not included in this match.
	<i>Condition:</i> Select to specify a condition (or conditions) that the student must satisfy. For example, you can require the completion of a specific milestone.

Warning! Condition processing can be a powerful tool. However, complex condition processing and multiple condition processing take considerable processing time; therefore, you should use them only when needed.

If the group line type is *Condition*, then these fields are available:

Institution	This field is display-only. Each requirement group is associated with only one academic institution.
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Condition Code

Select a condition code that indicates which field in the database you want the system to evaluate. For example, *Academic Level*, *Academic Plan*, *Academic Program*, and *Academic Sub-Plan* are condition codes. Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

Values are:

None: No field value.

Academic Level: Select to specify a student's year of study (for example, freshman, sophomore, junior, senior). The system evaluates this value against the student's level (defined in term statistics) based on the as-of date that you specify at runtime.

Academic Plan: Select to specify a student's plan (for example, major or minor) within the academic program.

Academic Plans: Select to specify that all of a student's plans are part of the equation.

Academic Program: Select to specify a student's program of study.

Academic Programs: Select to specify that all of a student's programs are part of the equation.

Academic Standing: Select to specify a student's academic standing at the institution. For example, values might include good standing, probation, and dismissal. You define values on the Academic Standing Table page.) The system evaluates this value against the student's standing (defined in term statistics) based on the as-of date that you specify at runtime.

Academic Sub-Plan: Select to specify a student's subplan.

Academic Sub-Plans: Select to specify that all of a student's subplans are part of the equation.

Cumulative Grade Point Average: Select to specify a student's cumulative grade point average (derived from the student's term history cumulative statistics, in conjunction with the processing as-of date).

Dynamic Condition: Select to specify a dynamic condition that you previously created in the Define Dynamic Condition component. You can select only dynamic conditions that share the same requirement usage value as the requirement group.

Primary Academic Plan: Select to specify a student's primary academic plan, the plan designated by the lowest plan sequence number on the Student Plan page. For example, under a program of LAU, a student might have two plans, PSYCH and CLASSICS MINOR. If PSYCH has a plan sequence number of 10 and CLASSICS MINOR has a plan sequence number of 20, then PSYCH is the primary academic plan. On the Student Plan page, the primary career is designated with the lower student career number.)

Important! The primary academic plan is the plan designated by the lowest plan sequence number on the Student Plan page, and the primary academic program is the program designated by the lowest career sequence number on the Student Program page. However, if a student has multiple programs (containing multiple plans), the primary academic plan is not necessarily the lowest plan sequence number under a given program, but it is that plan with the lowest plan sequence number under the program with the lowest student career number. For example, suppose that under a program of LAU (attached to a student career number of 0), a student has a plan of PSYCH with a plan sequence number of 10. The same student has a plan of ART with a plan sequence number of 10 under a program of FAU (attached to a student career number of 1). Both plans have a plan sequence number of 10, but the plan under the program with the lowest career number is the primary plan. In this example, the primary plan is PSYCH, which is tied to a student career number of 0 through the LAU program.

Primary Academic Program: Select to specify a student's primary academic program, the program designated by the lowest career sequence number.

Student Group: Select to specify a student's academic group, such as athlete or veteran. You define values on the Student Group Table page.

Student Groups: Select to specify that all of the student groups to which the student belongs are part of the equation.

Test Score: Select to specify a test score. Upon selecting this value, the following fields become available according to the setup on the Define Tests for Advisement page: Test ID, Test Component, Condition Operator, Test Score, Months Valid, and Test Score Method.

Note. Generally, when you enter a condition code value, the Condition Operator and Condition Data fields appear on the page. If the condition code is Dynamic Condition, then only the Condition Data field is available for entry. If the condition code is Test Score, then additional fields are presented as indicated above.

Condition Operator

Enter the type of comparison to apply to the condition data. Condition operators include *Less or Equal*, *Greater or Equal*, *Equal*, *Greater Than*, *Less Than*, *Not Equal*, *In*, and *Not In*. Use an operator that makes sense in the equation.

Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

Condition Data

Enter the value to check against the condition code. For example, specific academic plans and programs, as well as dynamic conditions, are condition data values. If the condition code value is *Dynamic Condition*, then select a dynamic condition that you created previously.

If the Group Line Type is *Course*, then these fields are available:

Course ID

Enter the ID of the course needed to satisfy this requirement.

Include Equivalent Courses Select to have the system to include in its evaluation both the course ID that you specify and all courses that are set up as equivalent to the selected course ID for this requirement, as established on the Course Equivalencies page. If you select this check box, then the following fields become unavailable: Term, Associated Class, and Topic ID.

Warning! The audit engine must search the database for any valid course equivalency, even if no equivalencies exist for this course. Therefore, clear the check box if the course ID has no equivalencies.

Clear this check box to further narrow your course parameters with the Term, Associated Class, and Topic ID fields. For example, you can specify not only the course ID, but also the term in which the student must take the course.

Term Enter the term in which the student must take the course that you specify for the course to be used in this requirement group. Leave this field blank to return all values.

Associated Class Enter the associated class number (of the course that you specify) that the student must take for the course to be used in this requirement group. For class associations, indicate a term to prompt from valid values. Leave this field blank to return all values.

Note. You cannot enter 9999 because this special associated class number can be associated with any other associated class number and is never an enrollment section.

See *PeopleSoft Student Records 9.0 PeopleBook*, "Managing the Schedule of Classes," Defining Class Associations.

Topic ID Enter the topic ID (of the course that you specify) that the student must take for the course to be used in this requirement group. This field prompts from the topics defined in the course catalog. Leave this field blank to return all values.

See *PeopleSoft Student Records 9.0 PeopleBook*, "Setting Up the Course Catalog," Defining Course Catalog Data.

If the Group Line Type is *Requirement*, then the following fields are available:

Requirement Enter the requirement to associate with this requirement group.

Requirement Usage The system displays the requirement's usage. Requirement usage values are *Academic Advisement*, *Student Individualized Plan*, and *Requisite/Restriction*.

If the Group Line Type is *Wild Card Course*, then the following fields are available:

Academic Institution This is a display-only field. Each requirement group is associated with only one academic institution.

Important! If you do not enter an academic group, subject, or catalog number, the system returns all values.

Academic Group and Subject Enter the appropriate academic group and subject of the course.

Catalog Nbr (catalog number) Select the catalog number using a combination of real numbers, letters, pound sign symbols, and asterisks. The pound sign (#) is a wild card for the numeric portion of the catalog number, and the asterisk (*) is a wild card for the alphabetic portion of the catalog number. The catalog number field format is NNNNAAAAAA, where *N* indicates a numeric value and *A* indicates an alphanumeric value. For example, a catalog number of 3## indicates that any 300 level course is acceptable, including 301A, because suffixes are ignored when you specify a numeric wild card unless you exclusively indicate a suffix value. In another example, a catalog number field value of 3##B would exclude 301A. In a third example, a catalog number field value of 32I* indicates that 321, 321A, and 321B (but not 321AB) are acceptable. You can use the wild card for any position in the field.

When you use wild cards, courses that are equivalent to the wild card course that you specify are *not* evaluated. (This is an efficiency constraint.) In addition, requirement groups with a group line type of *Wild Card Course* act like requirements with a line detail type of *CLST* on the Line Item Detail page; they do not pull courses with no earned credit into the evaluation of the requirement group.

Important! The Catalog Nbr field does not support ranges. Instead, you must insert multiple detail lines. For example, in one detail line you can use the wild card for all 100-level courses. In a second detail line, you can use the wild card for all 200-level courses. Then you can connect the two detail lines with the AND connector.

Setting Up the Requirement Group Detail Parameters

Access the Detail Parameters page (Academic Advisement, Academic Requirements, Define Requirement Groups, Detail Parameters).

The screenshot displays the 'Detail Parameters' page for a requirement group. At the top, there are navigation tabs: 'Requirement Group', 'Parameters', 'Detail', 'Detail Parameters' (selected), 'Plans Required', and 'Plans Appended'. Below the tabs, the requirement group details are shown: Requirement Group: 000124, Description: BA in Math Requirements, Effective Date: 01/01/1900, and Status: Active. The main section is titled 'Course Validation Parameters' and contains several input fields and checkboxes. Under 'Course Information', there are fields for Minimum Units, Minimum Courses, Min Units/Course, and Min Grade Points/Unit. The 'Transfer Level Allowed' is set to 'Always Allow'. There is a search icon next to the 'Requirement Designation' field. Below these are 'Valid Begin' and 'Valid End' date pickers. On the right side, there are four checkboxes: 'Course must be GPA material' (unchecked), 'Test Credit is Allowed' (checked), 'Other Credit is Allowed' (checked), and 'Exclude In-Progress Credit' (unchecked).

Detail Parameters page

Course Validation Parameters

- Course Information** Displays course information from the Detail page.
Course information appears only if you entered a group line type of *Course* or *Wild Card Course*.
- Minimum Units** Enter minimum units for the class.
- Min Units / Course** (minimum units per course) Enter the minimum number of units that each course or wildcard course must provide to satisfy the requirement group.
- Minimum Courses** Enter the minimum number of courses required for this detail line.
- Min Grade Points / Unit** (minimum grade points per unit) Enter the minimum number of grade points per course unit that the student must attain for a course to be included in this detail line.

Transfer Level Allowed

Enter the allowed type of transfer credit (if any) for the course.

Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort.

Values are:

Always Allow: Select to specify that all applicable transfer credit can satisfy the requirement.

Four-Year Institution Only: Select to specify that only transfer credit from four-year institutions can be used to satisfy the requirement.

Never Allow: Select to specify that transfer credit can never satisfy the requirement.

Two-Year Institution Only: Select to specify that only transfer credit from two-year institutions can be used to satisfy the requirement.

None: Select to specify that all applicable transfer credit can satisfy the requirement. When selected, the value converts to *Always Allow*

Note. On the School Data page, you can define an external organization as a two- or four-year institution. The Advisement School Type field on the School Type Table page contains the value that drives the derived lists in academic advisement. Each school type may belong to an advisement school type.

Requirement Designation

Select to specify the course as valid only if it has this requirement designation associated with it. Typically, you attach this designation to a course, and it affects one section of that course. A requirement designation may reflect additional work that a student needs to complete in addition to the regular course. For example, the requirement designation might indicate that the course is valid only if it was taken with an optional extra credit requirement designation of architecture design credit. Depending on the setup data in the Requirement Designation Table page, a separate course grade may or may not be required for designation credit to be earned. If a separate requirement designation grade is required, then you must enter an RD (requirement designation) grade of *Satisfied* on the Grade Roster 2 page or the Student Enrollment 4 page for academic advisement to include the course. If a separate requirement designation grade is not required, then the student must earn a passing grade in the course to which the requirement designation is attached for designation credit to be granted. (You define the minimum grade needed.) If a requirement designation is required, then an RD grade of *Unsatisfied* (or no RD grade at all) causes the course to be rejected.

If a separate requirement designation grade is required but the course is still in progress, then the degree audit records the requirement designation as if it were satisfied.

See *PeopleSoft Student Records 9.0 PeopleBook*, "Preparing for the Course Catalog and Schedule of Classes," Understanding Requirement Designations.

Valid Begin and Valid End	Enter a date range to specify when the student must take this course to satisfy the requirement. Leave these fields blank to specify that the student can take the course during any time period. The system uses the start date of the term in which the student takes the course.
Course Must Be GPA Material (course must be grade point average material)	Select to specify that the course taken to satisfy this requirement group needs to be applied toward the student's career grade point average calculation. The student cannot take the course on a pass/no pass or audit basis, but only for a grade.
<hr/>	
Important! Only courses with grades for which you select the Include in GPA check box on the Grading Scheme Table page are eligible.	
<hr/>	
Test Credit is Allowed	Select to specify that the course can originate from the test credit portion of the student's academic record.
Other Credit is Allowed	Select to specify that the course can originate from the other credit portion of the student's academic record. Note that the system marks and treats internal transfer credit as enrolled credit.
Exclude In-Progress Credit	Select to specify that the course must be fully graded for the system to consider it valid. If you do not select this check box, then the system includes a no graded course, a course with a grade of incomplete, or a course in progress as part of the academic analysis and the course satisfies all parameters. Typically, you use this check box for enrollment requisites on the Enrollment Requirement Group component. You do not usually use it for academic advisement reports.

Example

In this example, the Exclude In-Progress Credit check box is selected. To fulfill the honors requirement, a student must have a minimum 3.5 verifiable cumulative GPA. To build this requirement, create an academic requirement group with the following two detail lines:

Detail line 1: Condition line type of cumulative GPA \geq 3.5

AND

Detail line 2: Wild Card Course line type.

On the Parameters page, enter a Minimum Courses field value of 1. On the Detail page, create a detail line with a Group Line Type field value of *Condition*. On the same page, create a second detail line with a Group Line Type value of *Wild Card Course*. On the Detail Parameters page for detail line 2, select the Exclude In-Progress Credit check box. Now the system verifies that the student has a cumulative GPA of \geq 3.5 and is not a first semester student with only in-progress courses.

Remember, if the Exclude In-Progress Credit check box is not selected, then even those students who have no course work completed, but who have at least one course in progress, will meet this requirement.

Click the links at the bottom of this page to access other pages in this component.

See Also

PeopleSoft Recruiting and Admissions 9.0 PeopleBook, "Setting Up Prospects," Setting Up School Types

PeopleSoft Student Records 9.0 PeopleBook, "Setting Up Transfer Credit Processing," Defining External Organizations

Specifying Required Plans and Subplans

Access the Plans Required page (Academic Advisement, Academic Requirements, Define Requirement Groups, Plans Required).

The screenshot displays the 'Plans Required' page with the following information:

- Requirement Group:** 000124
- Description:** BA in Math Requirements:
- Effective Date:** 01/01/1900
- Status:** Active
- Other Plans/Sub-Plans Required**
- Number Required**

The 'Plans/SubPlans Required' section includes:

- *Plan Sequence:** 1
- Academic Institution:** PeopleSoft University
- Academic Career:** Graduate
- Academic Program:**
- *Academic Plan:**
- Academic Sub-Plan:**

Plans Required page

Other Plans/Sub-Plans Required

Select to require that students in this career, program, or both declare a plan or subplan. If you select this check box, then you do not have to enter information on the Detail page. The Detail page is not required because the system considers the required plans and subplan information as the requirement group detail.

Number Required

Enter number of plans or subplans (from the list that you specify) that the student must declare. If you leave this field blank, then all plans and subplans that you list are required. For example, if this were a business major requirement group, then you could insert subplans here for each business major area of specialization, then enter a number required value of 1 to specify that all business majors must declare at least one subplan in one of the areas that you define.

Plans/SubPlans Required

Plan Sequence	Enter the search order of multiple plans or subplans, if any. The system first determines whether the student has the item that you list with the lowest sequence number, and continues searching until it finds a match.
Academic Institution, Academic Career, and Academic Program	Display-only fields. These values reflect the data on the Requirement Group page. <hr/> Note. If you do not enter an academic program on the Requirement Group page, then the system populates the <i>Academic Program</i> field when you enter an Academic Plan (if the academic plan is tied to a program). <hr/>
Academic Plan	Enter the required plan (for example, major or minor) for students in the academic program, the career, or both that you specify on the Requirement Group page.
Academic Sub-Plan	Enter the required subplan (for example, specialization or concentration) for students in the academic plan or career that you specify on the Requirement Group page.

Example

To graduate with a Bachelor of Arts degree in English, a student must declare a career of UGRD, a program of LAU, and a plan of ENGLISH. This student must also satisfy one of three subplans: CREATIVE WRITING, LITERATURE, or CLASSICS.

Use this page to specify that a subplan is necessary for graduation. Select the Other Plans/Sub-Plans Required check box. Enter *1* in the Number Required field. For Plan Sequence *1*, enter an academic plan of *ENGLISH* and an academic subplan of *CREATIVE WRITING*. For plan sequence *2*, enter an academic plan of *ENGLISH* and an academic subplan of *LITERATURE*. For plan sequence *3*, enter an academic plan of *ENGLISH* and an academic subplan of *CLASSICS*.

When the student declares a subplan on the Student Program page, the degree audit report lists the requirement groups that are satisfied or that need to be satisfied for the subplan. Until the student declares a subplan, the degree audit report indicates that a required subplan has not been satisfied, so the entire advisement report is not satisfied.

You can click the links at the bottom of this page to access other pages in this component.

Identifying Appended Requirement Groups

Access the Plans Appended page (Academic Advisement, Academic Requirements, Define Requirement Groups, Plans Appended).

Requirement Group	Parameters	Detail	Detail Parameters	Plans Required	Plans Appended
Find View All 1 of 1					
Requirement Group:	000124	Description:	BA in Math Requirements:		
Effective Date:	01/01/1900	Status:	Active		
Include Requirement Groups for:					
Academic Institution:	PeopleSoft University				
Academic Career:	<input type="text"/>				
Academic Program:	<input type="text"/>				
Academic Plan:	<input type="text"/>				
Academic Sub-Plan:	<input type="text"/>				

Plans Appended page

You can attach requirement groups from a different academic structure (career, program, plan, and subplan) to the single requirement group identified by this page. For example, a mathematics pre-major requirement group might contain the same requirements as the computer science certificate academic plan. Use this page to append the computer science plan requirements to the mathematics pre-major requirement group. In most instances, this functionality is used to minimize duplication of academic requirement groups. If you have two careers, programs, plans, or subplans that have virtually identical requirements, you can create them for one of the two groups and then append the requirements to the other group through the Plans Appended page.

If you use this page, then the Detail page is not required because the appended requirement group plans are considered as the requirement group detail.

Appended requirement group information prints on the audit report with the requirement group to which it is attached. Therefore, if a requirement group is appended to a career-level requirement group, then the appended group information is printed with the career-level requirement groups.

Include Requirement Groups for

Academic Career, Academic Program, Academic Plan, and Academic Sub-Plan Enter the data that matches the existing requirement groups that you want to append. The system uses this data during analysis to search for requirement groups that match the structure defined on this page. The system ignores blank fields, and a requirement group is appended only if all the nonblank field values match exactly.

Chapter 7

Setting Up Program Guides

This chapter provides an overview of Program Guides and discusses how to set up Program Guides.

Understanding Program Guides

An institution may choose not to implement PeopleSoft Academic Advisement or it may plan to do so in the future. In such cases, an institution can opt to implement the Program Guide and still offer its students the advantage of some of the self-service features. While the Program Guide is not a replacement for the Academic Advisement application, the Program Guide offers an alternative that displays the student's degree requirements so that the student can evaluate his degree progress. For example, the advisement report associated with the Program Guide displays the descriptions of requirements and attached course lists, and notes courses that the student has taken, has planned, or that are in progress. Most importantly, it offers students the use of the online planner and enhanced self-service enrollment functionality. The Program Guide is more simple to set up than the Academic Advisement application.

The Program Guide enables an institution to define degree requirements and to present them to students in a self-service format. The Program Guide advisement report is a self-service tool that enables students to view their degree requirements and to plan or enroll in a course based on those degree requirements. As part of Program Guide implementation, institutions set up course lists, requirements, and requirement groups. Unlike the Academic Advisement application, no degree audit is performed. Instead, the advisement report, which is based on the Program Guide rules, retrieves descriptions from the requirement and requirement group setup pages. The advisement report appears on self-service pages with links to the associated courses. Students can select courses for enrollment or for use in the My Planner feature. Because no degree audit is conducted, requirements do not appear as satisfied or unsatisfied.

Given the appropriate security access, individuals can view the advisement report that is based on Program Guide requirements on the following self-service pages: My Academic Requirements, Add Classes - Search by My Requirements, and My Planner - Plan by My Requirements.

Setting Up Program Guides

This section lists common elements and discusses how to:

- Select the Program Guide option.
- Set up Program Guide course lists.
- Set up Program Guide requirements.
- Set up Program Guide requirement groups.

Note. Program Guide course lists, requirements, and requirement groups use the requirement usage value of *PLNR Student Planner*, which is delivered with your system as a translate value. Do not modify it. Any modification to the value will require a substantial programming effort. The Program Guide advisement report uses only course lists, requirements, and requirement groups with the usage value of *PLNR*.

Common Elements Used in This Chapter

My Academic Requirements My Academic Requirements is the name of a self-service page on which a student views his Program Guide advisement report. Students can also view their Program Guide advisement report on the Add Classes - Search by My Requirements page and the My Planner - Plan by My Requirements page.

Copy This button appears on the Program Guide course list, requirement, and requirement group setup pages in Add mode only.

Click to copy a course list, requirement, or requirement group, respectively; and then select the number of the item that you want to copy and select the appropriate copy mode.

You can copy existing requirements, including those with a usage value of *Academic Advisement*, *Requisite Restriction*, and *Planner*.

Values are:

Copy last record: Select to copy only the last effective-dated record. This is the default.

Copy all records: Select to copy all effective-dated records. Use this value only if the course list, requirement, or requirement group to be copied has multiple effective-dated rows. Click the *OK* button to copy the specified item.

Note. If you use the copy feature to create a new rule (for example, a requirement), then you cannot assign a requirement number to the new requirement. When you save, after clicking the *Copy* button, the system automatically assigns the next sequential number to the new requirement. If you want to assign a specific, unused number to the new requirement, do not use the Copy feature. Instead, create the new requirement by entering the field value. The same is true for course lists and requirement groups.

Status Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort. Values are:

Active: Enter when adding a new Program Guide course list, requirement, or requirement group.

Inactive: Enter only if your institution will no longer use the Program Guide course list, requirement, or requirement group. Add a new effective-dated row if any of the information changes.

Pages Used to Set Up the Program Guide

Page Name	Definition Name	Navigation	Usage
Installation Student Admin (installation student administration)	INSTALLATION_SA	Set Up SACR, Install, Student Admin Installation, Installation Student Admin	Select the Program Guide option to indicate that advisement reports will use Program Guide course lists, requirements, or requirement groups.
Define Course Lists	SAA_CLST_PLNR	Academic Advisement, Program Guide Requirements, Define Course Lists	Set up the Program Guide course lists that you want to use.
Define Requirements	SAA_RQ_MAIN_PLNR	Academic Advisement, Program Guide Requirements, Define Requirements	Set up the Program Guide requirements.
Program Guide Requirement Groups	SAA_RQ_GRP_PLNR	Academic Advisement, Program Guide Requirements, Define Requirement Groups	Set up the Program Guide requirement groups.

Selecting the Program Guide Option

To set up the Program Guide, you must identify on the Installation Student Admin page that you intend to use the Program Guide. The remaining tasks are to set up the Program Guide course list, requirements, and requirement groups, in that order.

Access the Installation Student Admin page (Set Up SACR, Install, Student Admin Installation, Installation Student Admin).

The Program Guide uses or relates to these elements shown on this page: *Last Course List Sequence*, *Last Requirement ID*, *Last Requirement Group*, and *Program Guide*.

See *PeopleSoft Campus Solutions 9.0 Application Fundamentals PeopleBook*, "Reviewing Installation Setup and System Defaults," Pages Used to Select Student Administration Installation Options.

Academic Advisement

Program Guide

Select this option to indicate that your institution intends to use the Program Guide.

Setting Up Program Guide Course Lists

Access the Define Course Lists page (Academic Advisement, Program Guide Requirements, Define Course Lists).

Define Course Lists

Find | View All 1 of 1

Course List:	000000179 + -	
*Effective Date:	01/01/1900 31	*Status: Active ▼
*Description:	Cognitive Psychology	
*Short Description:	Cog Psych	
Long Description:	Cognitive Psychology Courses ▲ ▼	
*Academic Institution:	PSUNV	PeopleSoft University
Academic Career:	UGRD 🔍	Undergraduate
Academic Program:	LAU 🔍	Liberal Arts Undergraduate
Academic Plan:	PSYCH 🔍	Psychology
Academic Sub-Plan:	<input type="text"/> 🔍	

Find First 1-3 of 3 Last

*Course Sequence:	<input type="text" value="1"/>	<input type="checkbox"/> Wildcard Indicator + -
Course ID:	003022 🔍	Cog Psy PSYCH 280

Define Course Lists page (1 of 2)

Find First 1-3 of 3 Last

*Course Sequence:	<input type="text" value="1"/>	<input type="checkbox"/> Wildcard Indicator + -
Course ID:	003022 🔍	Cog Psy PSYCH 280

*Course Sequence:	<input type="text" value="2"/>	<input type="checkbox"/> Wildcard Indicator + -
Course ID:	003042 🔍	Prob Solv PSYCH 340

*Course Sequence:	<input type="text" value="3"/>	<input type="checkbox"/> Wildcard Indicator + -
Course ID:	003056 🔍	Dev Memry PSYCH 458

Define Course Lists page (2 of 2)

Academic course lists are the principal component of the Program Guide. They list courses or wildcard courses. Requirements use course lists to identify the courses that a student must select from to complete a degree requirement. You specify courses using either a unique course ID or the wildcard indicator. For example, you can insert a row with the course ID for English 62 or set up a wildcard course list of all English courses. The alternative would be to manually enter each English course, row by row.

Course List Information

Course List	If you did not specify a unique identifying number when you created the requirement, then the system assigns a number upon saving and the number appears here.
Effective Date	Enter an effective date to define when the status that you select is valid. This date reflects the student's requirement term as determined by the requirement group that uses this course list. The requirement term begin date of the requirement group academic structure determines which effective-dated course list row is current for the student. For example, if you define a requirement group to the plan level, then the system uses the student's plan requirement term to determine the effective date for the requirement group. (You assign requirement terms in the Student Program/Plan component.) The system then uses this requirement term to evaluate the current effective-dated row for all requirements and course lists that the requirement group uses. For another example, suppose that a requirement group is defined at a program level. The requirement group has two effective-dated rows, 01/01/1900 and 01/01/2000. The student's academic program requirement term is fall 1999, so the current effective-dated row for the requirement term of fall 1999 is 01/01/1900. The 01/01/1900 requirement group points to a requirement with effective-dated rows of 01/01/1900 and 01/01/1980. Again, the student's program requirement term is used (because that was the academic structure of the requirement group that uses this requirement), and the current effective-dated row for requirement term fall 1999 is now 01/01/1980. The 01/01/1980 requirement uses a course list with two effective-dated rows of 01/01/1900 and 01/01/1990. Once again, the student's program requirement term is used to evaluate the current effective-dated row to be used, which in this case would be 01/01/1990.
Description, Short Description, and Long Description	Enter descriptions that will be useful to those who maintain the course lists and corresponding requirements and requirement groups. The descriptions are used primarily for searching. None of these values appears on the Program Guide advisement report.
Academic Institution, Academic Career, Academic Program, Academic Plan, and Academic Sub-Plan	These fields document departmental ownership of the course list. They are used for prompting and documentation only; they do not affect the auditing analysis.
Fetch	Click to retrieve and display the course sequence data for the effective-dated row. You can then add or modify courses in the course list. This button does not appear when you are in Add mode.

Course List Details

Course Sequence	<p>The system displays a sequence of numbers, and each sequence represents a course ID.</p> <p>The system assigns the numbers sequentially but you can change the sequence. The courses do not need to be in a particular order. They will appear on the report in alphabetical order by subject and by catalog number. For example, HIST 101, HIST 220, PHIL 100.</p>
Course ID	<p>Enter the course ID that specifies the course needed to satisfy this course list. You can prompt on this field and enter search criteria to narrow the selection choices.</p> <p>If a course ID contains multiple offerings, then any of the offerings attached to that course ID satisfies that course list. In addition, if a student takes two offerings in a course ID, then the audit allows both classes to count toward unit and grade point average (GPA) requirements. The classes are treated as separate courses. This field is not available if you select the <i>WildCard Indicator</i> check box.</p>
Wildcard Indicator	<p>Select to set up a wildcard course. When selected, additional fields become available on the page so that you can define the wildcard.</p>
Display Wildcard Courses	<p>The system displays this check box when the Wildcard Indicator check box is selected. Select this check box to display the wildcard courses in the course grid on the Program Guide advisement report.</p>
Subject	<p>The system displays this field when the Wildcard Indicator check box is selected. Enter the subject of the course offering. Leave this field blank if any subject is acceptable. The subject and catalog number appear in the Course column in the course grid of the advisement report.</p>

Catalog Nbr (catalog number) The system displays this field when the Wildcard Indicator check box is selected. Enter the required portion of the catalog number that is a 10-character field. Use the format NNNNAAAAAA, where the first four characters are numeric and the last six characters are an alphanumeric suffix.

For example, a catalog number of 3## indicates that any 300-level course is acceptable, including 301A, because suffixes are ignored when a number wildcard is specified unless a suffix value is exclusively indicated. In another example, a catalog number of 3##B would accept only 300-level courses with a suffix of B. In a third example, a catalog number of 321* indicates that 321, 321A, and 321B, but not 321AB, are acceptable. You can use a wildcard in any position in the field. When you use wildcards, the system does not check equivalent courses as an efficiency constraint.

A table is available which provides you with an overview of how the system processes different wild card values.

See [Chapter 4, "Setting Up Academic Course Lists," Creating a Course List Detail, page 34.](#)

Note. The *Catalog Nbr* field does not support ranges. However, you can establish multiple detail lines.

For example, in one detail line, you can use a wildcard for 100-level courses. In a second detail line, you can use a wildcard for all 200-level courses. Use the # to represent the first four numeric values, and use the * to represent the last six alphanumeric characters. If you enter #, then the system right-justifies the value. If you enter *, then the system left-justifies the value. For example, 1#* retrieves the numbers 1 through 19 plus one alphanumeric character.

Report Description

The system displays this field when the Wildcard Indicator check box is selected. Enter a brief description of the wildcard course. This description appears in the Description column of the course grid on the Program Guide advisement report.

Setting Up Program Guide Requirements

Access the Define Requirements page (Academic Advisement, Program Guide Requirements, Define Requirements).

Define Requirements

Basic Data Find | View All 1 of 1

Requirement: 000001178 + -

Effective Date: 01/01/1900 31 Status: Active ▼

Academic Structure

Academic Institution: PSUNV 🔍 PeopleSoft University

Academic Career: UGRD 🔍 Undergraduate

Academic Program: LAU 🔍 Liberal Arts Undergraduate

Academic Plan: PSYCH 🔍 Psychology

Academic Sub-Plan: 🔍

Description Fields

Search Description: Psychology Statistics Requirem 🔍

Report Description: Psychology Statistics Requirement. Planner Description for RQ 1178.

Report Long Description: Psychology Statistics. Planner Long Description for RQ 1178. 🔍

Define Requirements page (1 of 2)

Requirement Lines

Find First 1 of 1 Last + -

Line Nbr: 0010

Search Description: Planner Line Description for R 🔍

Report Description: Planner Line Description for RQ 1178. Psych Stats.

Report Long Description: Planner Line Long Description for RQ 1178. Complete one approved statistics course with a minimum of 3 units and a minimum GPA of 3.0. 🔍

Course Lists

Find First 1 of 1 Last

Course List 000000184 🔍 Statistics courses View + -

Define Requirements page (2 of 2)

Use this component to set up program guide requirements. These requirements are graduation rules, that is, rules that the students need to fulfill to successfully complete their academic objectives. Program Guide requirements contain course lists. After setting up academic requirements, you must set up requirement groups and attach requirements to them. Only then can the Program Guide retrieve and display the graduation rules on the Program Guide advisement report.

Basic Data

Requirement

If you did not specify a unique identifying number when you created the requirement, then the system assigns a number upon saving and the number appears here.

Academic Structure

Academic Institution, Academic Career, Academic Program, Academic Plan, and Academic Sub-Plan Enter information that documents the departmental owner of the requirement. This data simplifies searches and prompts.

Description Fields

Search Description, Report Description, and Report Long Description Enter a search description, which will appear only on this page. This description will be used for searching and prompting.

Enter a relatively short, but meaningful, report description. This description will appear on the Program Guide advisement report.

Enter a meaningful long description. This description will appear on the Program Guide advisement report.

Requirement Lines

Line Nbr (line number) The system assigns this sequential line number, but you can override it. Computer-generated line numbers are assigned in increments of 10. This number determines the order in which the requirement lines appear on My Academic Requirements.

Course List Select the course list.

View Click to access the Course List Summary page, where you can then click the *Fetch* button and view the courses in the course list.

Setting Up Program Guide Requirement Groups

Access the Program Guide Requirement Groups page (Academic Advisement, Program Guide Requirements, Define Requirement Groups).

Program Guide Requirement Groups

Basic Data Find | View All 1 of 1

Requirement Group: 008034 + -

***Effective Date:** 01/01/1900 31 ***Status:** Active ***Reporting Sequence:** 1

Academic Structure

***Academic Institution:** PSUNV Q PeopleSoft University

Academic Career: UGRD Q Undergraduate

Academic Program: LAU Q Liberal Arts Undergraduate

Academic Plan: PSYCH Q Psychology

Academic Sub-Plan: Q

Description Fields

***Search Description:** Psychology Undergraduate major

***Report Description:** Psychology Undergraduate major requirements. RG 8034. Planner Description.

***Report Long Description:** RG 8034. Long Description. To earn a BA in Psychology, you must complete an introductory Psychology course, a statistics course, as well as courses in Cognitive, Bio-Psychology, and ▲ ▼

Program Guide Requirement Groups page (1 of 2)

Requirement Group Details

Find First 1-4 of 4 Last

*Group Line Nbr:	0010 + -	
Academic Requirement:	000001177 Q	Introduction to Psychology. RQ
*Group Line Nbr:	0020 + -	
Academic Requirement:	000001178 Q	Psychology Statistics Requirem
*Group Line Nbr:	0030 + -	
Academic Requirement:	000001179 Q	Psychology Distribution Requir
*Group Line Nbr:	0040 + -	
Academic Requirement:	000001180 Q	Psychology Electives. Planner

Program Guide Requirement Groups page (2 of 2)

Requirement groups consist of requirements that, in turn, consist of course lists. Therefore, you must create course lists first, requirements second, and then requirement groups. Requirement groups identify the student population affected by the rules. For example, requirement groups can target all undergraduate students, only undergraduate students in the math plan, or only undergraduate students who belong to a specific student group. The Program Guide report displays only the rules that apply to the student based on the student's academic structure.

Basic Data**Reporting Sequence**

When the reporting sequence number is 1 for all requirement groups, the report displays them in this order: career-level requirement groups, program requirement groups, plan requirement groups, and subplan requirement groups. Requirement groups that are set up at the same academic structure level and with the same reporting sequence number appear on the report in the order of the requirement group numbers.

Effective Date

Enter an effective date to define when the status that you select is valid. (Insert a new effective-dated row if any of the requirement group information changes.) This date reflects the student's requirement term, as determined by the requirement group.

When you apply a requirement group to a student, the requirement term begin date of the requirement group academic structure determines which effective-dated row is current for the student.

For example, if you define a requirement group to the plan level, then the system uses the student's plan requirement term to determine the effective date for the requirement group. You define requirement terms in the Student Program/Plan component. The system then uses this requirement term to evaluate the current effective-dated row for all requirements and course lists that the requirement group uses.

As an example, suppose that you apply a requirement group defined at a program level to a student. The requirement group has two effective-dated rows: 01/01/1900 and 01/01/2000. The student's academic program requirement term is fall 1999, so the current effective-dated row for the requirement term of fall 1999 is 01/01/1900. The 01/01/1900 requirement group points to a requirement with effective-dated rows of 01/01/1900 and 01/01/1980. Again, the system uses the student's program requirement term (because that was the academic structure of the requirement group that uses this requirement), and the current effective-dated row for requirement term fall 1999 is now 01/01/1980. The 01/01/1980 requirement uses a course list with two effective-dated rows: 01/01/1900 and 01/01/1990. Once again, the system uses the student's program requirement term to evaluate the current effective-dated row to be used, which in this case would be 01/01/1990.

Academic Structure**Academic Institution**

Enter the academic institution. The default value is provided by the user defaults.

Academic Career

Enter the academic career for this requirement group. An academic career can have any number of academic programs.

Academic Program

Enter the academic program for this requirement group. If you leave this field blank, then the requirement applies to all students in the career identified in the Academic Career field.

- Academic Plan** Enter the academic plan for this requirement group. An academic program can have any number of academic plans. If you leave this field blank, then the requirement applies to all students in the career and program identified.
- Academic Sub-Plan** Enter the academic subplan for this requirement group. If you do not enter a value, then the requirement group applies to all subplans within the specified career or plan, if a plan is entered on this page.

Description Fields

- Search Description, Report Description, and Report Long Description** Enter a description of the requirement group that is meaningful as a search key. This description appears in search results for requirement groups.
- Enter a relatively short, but meaningful, report description. This description appears on the Program Guide advisement report.
- Enter a meaningful long description. This description appears on the Program Guide advisement report.

Requirement Group Details

- Group Line Nbr** (group line number) The system generates this sequential line number. Computer-generated line numbers are assigned in increments of 10, but you can change them.
- This field value determines the order in which the detail lines appear on the report. When you insert a line, the system replaces the field value of *NEW* with the next sequential line number.
- Academic Requirement** Enter an academic requirement that the student must satisfy.

Chapter 8

Setting Up Advisement Report Types

This chapter provides an overview of academic report types, lists the prerequisite and discusses how to set up advisement report types.

Understanding Advisement Report Types

The advisement report is the degree audit report that reflects a student's progress toward graduation. The report is the core function of the Academic Advisement application. The report displays the academic requirements for a student's program of study and indicates whether the student has completed those requirements. The report provides course details about the courses that are available and the courses already taken. It also is an indication of the student's progress. For example, the advisement report shows whether the student has taken a course. It can also show whether the student is enrolled in the course, or plans to take the course.

The advisement reports that appear on the pages called My Academic Requirements are based on advisement report types. If you plan to generate advisement reports using the Request Advisement Report or Generate Advisement Reports components, you must create advisement report types.

If you plan to give individuals access to the My Academic Requirements page, the Add Classes - Search by My Requirements page; the My Planner - Plan by My Requirements page, and the What-If Report - What-if Report Selection page, you must create at least two report types: one for use with the My Academic Requirements page, one for use with the Plan by My Requirements and Search by My Requirements pages (which can be the same as that used with the My Academic Requirements page), and one for the What-if Reports page.

If you plan to use the advisement transcript, and you do not want a degree audit to generate report results for every program status (such as a student's completed program of study), then you must define a report type using the Define Advisement Report component and identify the valid program statuses. The report type name must be the same as that of the respective advisement transcript.

Important! If you are using the Program Guide report types, you do not need to set up advisement report types.

When you define advisement report types, you define attributes for the report. For example, you define whether you want that type of advisement report to display in-progress courses, planned courses, or courses from the shopping cart. You can also set up special advisement report types that reference academic requirement groups with a special requirement usage (other than the Academic Advisement default, which is used for most general advisement requirements). You must also define the careers for which each advisement report type is valid as well as define the valid program statuses.

Setting Up Advisement Report Types

To set up an advisement report type, use the Define Advisement Report Type component (SAA_RPT_TYPE).

This section lists a prerequisite and discusses how to define advisement report types.

Prerequisite

Select the Academic Advisement option on the Installation Student Administration page.

See Also

PeopleSoft Campus Solutions 9.0 Application Fundamentals PeopleBook, "Reviewing Installation Setup and System Defaults," Pages Used to Select Student Administration Installation Options

Page Used to Set Up Advisement Report Types

<i>Page Name</i>	<i>Definition Name</i>	<i>Navigation</i>	<i>Usage</i>
Define Advisement Report Type	SAA_RPT_TYPE	Set Up SACR, Product Related, Academic Advisement, Define Advisement Report	Identify the type of report, identify the number of reports to keep, define the reports attributes, and identify valid careers.

Defining Advisement Report Types

Access the Define Advisement Report Types page (Set Up SACR, Product Related, Academic Advisement, Define Advisement Report).

Define Advisement Report Types

Find | View All First ◀ 1 of 1 ▶ Last

Academic Institution: PSUNV PeopleSoft University + -

Report Type: ADV

***Effective Date:** 01/01/1900 31

***Description:** Academic Advisement Report

***Formal Description:** Academic Advisement Report

***Maximum Reports to Keep:** 1

Report Attributes

<input type="checkbox"/> Special Advising Report	<input checked="" type="checkbox"/> Display Topics in AA Reports
<input checked="" type="checkbox"/> Include In-Progress Courses	<input type="checkbox"/> Incl Completed Transfer Models
<input type="checkbox"/> Include Planned Courses	<input type="checkbox"/> Include Shopping Cart Courses
<input type="checkbox"/> Include What-If Information	

Valid Careers

Find | View All First ◀ 1 of 8 ▶ Last

***Career Sequence Number:** 1 + -

***Academic Career:** Undergraduate ▼

Formal Description: Undergraduate Academic Advisement Report

Valid Program Statuses

Find First ◀ 1-4 of 4 ▶ Last

*Program Status	Active in Program ▼	+ -
*Program Status	Completed Program ▼	+ -
*Program Status	Leave of Absence ▼	+ -
*Program Status	Suspended ▼	+ -

Define Advisement Report Types page

Effective Date

Enter the effective date that determines when this report type is available on the batch and online report request pages.

Description and Formal Description

Enter text in the Description field to use for searching. This text does not appear on the advisement report.

Enter text in the Formal Description field. This text appears at the beginning of the advisement report, and it is used for searching.

- Maximum Reports to Keep** Enter the number of report requests that you want to save. The default value is 1.
- Institutions can save one or more report requests. Each time you run an advisement report, data used in the audit is sent to a number of results tables. If your institution wants to save more than one report, keep in mind that the results tables will grow quickly.
- If you keep only one report, then the next time an advisement report is generated, the results will overwrite the previous results. If, however, you save more than one report for a specific advisement report type, then administrators will see multiple completed reports when they search for report results and they can select from among the saved reports. In self-service, students will be able to select a specific report on the What-If Report – What-If Report Selection page. For example, if you allow two what-if advisement report type requests to be saved, then a student can view either saved report when he visits the What-If Report – What-if Report Selection page.
- Regardless of the value in the Maximum Reports to Keep field, the self-service pages of My Academic Requirements and Search by My Requirements will always display the most recent report only.

Report Attributes

- Special Advising Report** Select to create an academic advisement report type that references academic requirement groups with a special requirement usage other than the default (*Academic Advisement*), which is used for most general advising requirements. If you select the Special Advising Report check box, the Requirement Usage field becomes available for entry.
- Include In-Progress Courses** Select to include ungraded courses or graded courses with an in-progress type of grade (as defined in the Grading Scheme Table component) in the degree audit. In-progress courses are flagged as such on the advisement report.
- Include Planned Courses** Select to include planned course information in the degree audit. Planned courses are flagged as such in the advisement report.
- Include What-If Information** Select to include what-if course information in the degree audit. The what-if courses are flagged as such in the advisement report.
- Students view what-if reports by accessing the My What-If Report - What-if Report Selection page.
- Display Topics in AA Reports** (display topics in academic advisement reports) Select to display topic information on the advisement report. In the My Academic Requirements page, the topic information appears with the course description. In the .pdf view of the advisement report, the topic information appears in the course history section of the report.

Incl Completed Transfer Models (include completed transfer models)	Use this check box primarily with prospects and applicants who have completed transfer models in the system but who have not yet matriculated. Select this check box to include the internal course equivalents (course, test, and other) of a student's completed transfer model in the advising report evaluation. The system does not evaluate courses recorded under completed transfer models that do not match the student's what-if program or current program.
Include Shopping Cart Courses	Select to include courses from the student's shopping cart in the degree audit. The shopping cart courses are flagged as Planned courses on the My Academic Requirements page and as shopping cart courses on the .pdf report.
Requirement Usage	If you select the Special Advising Report check box, the Requirement Usage check box becomes available for entry. Select the usage that identifies the special academic requirement group that you want to evaluate for this report type. For example, you could create a special requirement usage to evaluate satisfactory academic progress or National Collegiate Athletic Association (NCAA) eligibility. The system evaluates special requirement groups only when you run special advisement reports. In this case, you might create a requirement usage of NCAA.

Note. If you selected any of the respective Include In-Progress Courses, Include Planned Courses, Include What-If Information, and Include Shopping Cart Courses check boxes and also defined a Default AA What If Grade (on the Grading Scheme Table page) for a grade basis that matches that of the planned, in-progress, what-if, or shopping cart courses, the system will use that default grade in the degree audit. This value is needed for repeat checking. If no default grade is defined, the audit assumes successful completion of the course for the purpose of satisfying a degree requirement, but it does not perform repeat checking.

Valid Careers

Career Sequence Number	The system populates this field for the first row with a value of 1 and increments each additional row by one. The sequence number indicates a unique row of information and the order in which academic career information appears on the report. For example, if a student is active in two academic careers (undergraduate and graduate), the report type setup shown previously would produce a report wherein the student's undergraduate (Seq Nbr 1) degree audit appears first, followed by the student's graduate (Seq Nbr 2) degree audit. The order in which a student becomes active in a career has no effect on the print order. Career print order is always specified by the report type sequence.
-------------------------------	---

Academic Career

Enter all possible careers that this report type can report. You can insert rows to add more than one career per report type. When you run the request process for this report type, the system generates degree audit information for each career in which the evaluated student is active. For example, if you have specified 10 careers for a single report type and you generate an advisement report for a student who has one career that matches one of the careers specified and another career that does not match, then only the details associated with the matching career will appear. The degree audit information for the non-matching careers will not appear. Academic career values are set up as translate values and are defined on the Academic Career Table page.

Formal Description

Enter a description for the career. This description is not printed on the advisement report; it is only for use by your institution.

Valid Program Statuses**Program Status**

Select the program status values that are valid for the report type. Valid values are:

Active in Program - Select to include report results for students whose program status is Active in Program.

Cancelled - Select to include report results for students whose program status is Cancelled.

Completed Program - Select to include report results for students whose program status is Completed.

Deceased - Select to include report results for students whose program status is Deceased.

Discontinued - Select to include report results for students whose program status is Discontinued.

Dismissed - Select to include report results for students whose program status is Dismissed.

Leave of Absence - Select to include report results for students whose program status is Leave of Absence.

Suspended - Select to include report results for students whose program status is Suspended.

Chapter 9

Managing Batch Academic Advisement Reports

This chapter provides an overview of the process involved in managing batch advisement reports, lists the prerequisites and discusses how to:

- Process batch academic advisement reports.
- Update self-service academic advisement reports.
- Purge academic advisement reports and records.

Understanding Batch Academic Advisement Reports

Your institution has several ways to generate report requests in batch. The Population Selection process provides a configurable selection tool that enables users to create groups of people or organizations. The following tools are available for use in the Population Selection process:

- PS Query
- Equation Engine
- File Upload

Your institution can use the report identifier to group individual requests and process them as a group. The batch process consists of these steps:

1. Request advisement reports.
2. Process the requests (that is, generate the reports).
3. Print the reports in batch. Printing the reports generates results and creates a .pdf of the reports.
4. Purge reports and report requests.

This chapter also includes information about purging the analysis database tables. If your institution generates advisement reports (transcripts) and sends results to the analysis database, you will want to remove unneeded data. The analysis database purge feature enables you to purge both transcript requests and data in the analysis database tables.

Common Elements Used in this Chapter

Report Manager	Click to access the Report List page, where you can view report content, check the status of a report, and see content detail messages, which show you a description of the report and the distribution list.
Process Monitor	Click to access the Process List page, where you can view the status of submitted process requests.
Run	Click to access the Process Scheduler Request page, where you can initiate the process
Academic Institution	Enter the institution for which you want to process the batch academic advisement reports.
Report Type	Enter the type of advisement report you want to generate.
Report Identifier	Enter the report identifier. The report identifier is useful for grouping advisement reports.

Generating Batch Academic Advisement Report Requests

This section discusses how to:

- Generate batch advisement report requests.
- Generate batch advisement reports.
- Print batch advisement report requests.

Pages Used to Process Batch Advisement Reports

<i>Page Name</i>	<i>Definition Name</i>	<i>Navigation</i>	<i>Usage</i>
Generate Report Requests	SAA_RUNCTL_RPTRQST	Academic Advisement, Advisement Processes, Generate Report Requests	Define the report request.
Generate Advisement Reports	SAA_RC_RPTGEN	Academic Advisement, Advisement Process, Generate Advisement Reports	Define the run control parameters for the report.
Print Batch Reports	SAA_RC_RPTPRINT	Academic Advisement, Advisement Processes, Print Batch Reports	Define the printing parameters for the report.

Generating Batch Advisement Report Requests

Access the Generate Report Requests page (Academic Advisement, Advisement Processes, Generate Report Requests).

Generate Report Requests

Run Control ID: MK [Report Manager](#) [Process Monitor](#) Run

Advisement Report Request Data

*Report Date	11/16/2006	*As of Date	01/01/3000
*Academic Institution	PeopleSoft University	Freeze Record	<input type="checkbox"/>
*Report Type	ADV	Academic Advisement Report	
*Report Identifier	BATCH	Generic Batch	

Population Selection

Population Selection

Selection Tool	PS Query	Edit Prompts	
Query Name	SAA_RPT_PROGPLAN	Launch Query Manager	Preview Selection Results

Student Select List

Use Student Select Clear List

	EmpID	Name		
1	0012	Forbes, Syndi B.	+	-

Generate Report Requests page

Advisement Report Request Data

Report Date Specify the date of the report. All requests created will have this date as the report date.

As of Date This value defaults from the Installation Academic Advisement page and should not be changed unless your institution requires a fixed date for purposes of reporting information about the student.

Freeze Record Select to prevent this request from being purged during a subsequent academic advisement purge process.

Population Selection

This group box appears when the *Population Selection* process is selected.

Population selection is a method of selecting the IDs to process a specific transaction. The Population Selection group box appears on the run control pages when the Population Selection process is available or required for the transaction. Selection tools are available based on the selection tools that your institution selected in the set up of the Population Selection process for the application process and on your user security. Fields in the group box appear based on the selection tool that you select. The fields behave the same way from within the group box on all run control pages and application processes.

If your institution uses a specific selection tool (PS Query, Equation Engine equation, or extended file) to identify IDs for a specific transaction, you must use it.

Several queries have been created as "default" queries to enable your institution to select students in the same manner as delivered in 9.0. They are:

- SAA_RPT_ACADLEVEL (AA Report Query by Acad Level).
- SAA_RPT_ADVISOR (AA Report Query by Advisor).
- SAA_RPT_CAREER (AA Report Query by Career).
- SAA_RPT_PROGPLAN (AA Report Query by Plan).
- SAA_RPT_PROGRAM (AA Report Query by Program).
- SAA_RPT_STUDENT_GROUPS (AA Report Query by Student Grp).

See *PeopleSoft Campus Community 9.0 Fundamentals PeopleBook*, "Using the Population Selection Process."

Student Select List

Use Student Select	Select if you want specific IDs for inclusion in the process. When the Use Student Select check box is selected, the Clear List button is enabled.
Clear List	Click to remove all values the Student Select List group box.

Generating Batch Advisement Reports

Access the Generate Advisement Reports page (Academic Advisement, Advisement Process, Generate Advisement Reports).

Generate Advisement Reports

Run Control ID: MK [Report Manager](#) [Process Monitor](#)

*Academic Institution PeopleSoft University

*Report Type Academic Advisement Report

Additional Run Control Parameters				Customize	Find	First	1 of 1	Last
	From	To	Report Identifier					
1	<input type="text" value="11/29/2006"/>	<input type="text" value="12/13/2006"/>	<input type="text" value="BATCH"/> Generic Batch					

Generate Advisement Reports page

Additional Run Control Parameters

From and To Enter a valid date range to filter report requests based on the report date on the individual requests. If no date range is entered, all report dates are considered.

Printing Batch Advisement Reports

Access the Print Batch Reports page (Academic Advisement, Advisement Processes, Print Batch Reports).

Print Batch Reports

Run Control ID: MK [Report Manager](#) [Process Monitor](#)

*Academic Institution PeopleSoft University

*Report Type Academic Advisement Report

Additional Run Control Parameters			
From Request Date	<input type="text" value="11/28/2006"/>	To Request Date	<input type="text" value="12/12/2006"/>
Report Identifier	<input type="text" value="BATCH"/> Generic Batch		

Print Batch Reports page

Additional Run Control Parameters

From Request Date and To Request Date Enter a valid date range to filter report requests based on the report date on the individual requests. If no date range is entered, all report dates are considered.

Updating Self-Service Advisement Reports

This section provides an overview of the self-service advisement report update process and discusses how to update self-service advisement reports.

Understanding the Self-Service Advisement Report Update Process

Use this update process if your institution wants to generate advisement reports based on the synchronization options on the Installation Academic Advisement (SAA_INSTALL_AA) page. The update process identifies students whose synchronize flag is set to Y and who meet the institution, career, and program parameters identified on the Update Self-Service Advisement Reports page. The process determines whether a report request exists for the self-service report types defined in the Institution Table for a given student. If a request does not exist, one will be created and processed. If a request does exist, the process checks to see if report results are available for the request. If not, then the request will be reprocessed. If results are available, the date/time stamp on the request is compared to the date/time stamp on the STDNT_CAREER record. If the report date/time stamp is earlier than the STDNT_CAREER date/time stamp, the report is regenerated. After both report types are checked, the system sets the synchronization flag to N.

Note. This is the only process that sets the synchronization flag on the student career record back to N.

Page Used to Update Self-Service Advisement Reports

<i>Page Name</i>	<i>Definition Name</i>	<i>Navigation</i>	<i>Usage</i>
Update Self Service Reports	SAA_RUNCTL_TRGR	Academic Advisement, Advisement Processes, Update Self-Service Reports	Define the academic institution, academic career, and academic program parameters and update the self-service advisement reports for students. Reset the synchronization flag on the student career record (STDNT_CAREER) to N.

Updating a Self-Service Advisement Report

Access the Update Self-Service Reports page (Academic Advisement, Advisement Processes, Update Self-Service Reports).

Update Self-Service Reports

Run Control ID: MK [Report Manager](#) [Process Monitor](#) Run

Academic Institution PeopleSoft University

Find | View All First ◀ 1 of 1 ▶ Last

Academic Career Undergraduate

Academic Program Fine Arts Undergraduate

Update Self-Service Reports page

- Academic Institution** Enter the academic institution for which you want an update.
- Academic Career** Enter the academic career for which you want an update.
- Academic Program** Enter the program for which you want an update. If you do not enter a value, the process will be applied to all programs within the specified career.

Purging Academic Advisement Reports

This section discusses how to: purge academic advisement report results information.

- Purge academic advisement report results.
- Purge the analysis database.

Pages Used to Purge Academic Advisement Reports and Records

<i>Page Name</i>	<i>Definition Name</i>	<i>Navigation</i>	<i>Usage</i>
Purge Report Results	SAA_RC_RPT_PURGE	Academic Advisement, Advisement Processes, Purge Report Results	Purge advisement report requests and the data in the results tables. The system deletes advisement report requests and results data within the parameters that you specify.
Process Scheduler Request	PRCSRQSTDG	Click the Run button on the Purge Report Results page.	Initiate purging advisement reports.

<i>Page Name</i>	<i>Definition Name</i>	<i>Navigation</i>	<i>Usage</i>
Purge Analysis Database Tables page	SAA_RUNCTL_PURGE	Academic Advisement, Advisement Processes, Purge Analysis Database Tables	Initiate purging of data from the analysis database tables based on run control criteria. Optionally purges transcript requests and log data

Purging Academic Advisement Report Results

Generating advisement reports causes a vast amount of data to be inserted into the database. So it is important to remove unnecessary data. Failing to remove unneeded data will waste space in the database and potentially increase processing times.

The Purge Report Results page enables you run a process that removes data from the result tables. You can delete all results table data or some data, based on specific criteria. In addition to deleting the results table data, you can delete corresponding report request and log data. To summarize, you can use the options on the page to perform the following actions:

- Purge all data from the results tables and update the report request error log stating that the data has been deleted for the request.
- Purge all data from the report results tables and delete the corresponding report requests.
- Purge some data from the results tables and update the request error log stating that the report results data has been deleted for the request.
- Purge some data from the report results tables and delete the corresponding report request records.

The purge process will generate messages in the message log that track the number of records purged or updated in each table. Note that the message log does not track individual record information, only a summary of the actions for each table. You can write SQL using Query Manager to verify that the process removed the correct data from the report results tables.

When you purge data from the results tables (but not from the report request and log tables), the process adds an entry into the error log for the report request stating that the report results data has been purged.

Access the Purge Report Results page (Academic Advisement, Advisement Processes, Purge Report Results).

Purge Report Results

Run Control ID: MK [Report Manager](#) [Process Monitor](#) Run

Purge Selection Criteria

Purge All Results Select Results to Purge

Purge Report Requests and Logs

Academic Institution: PeopleSoft University

Report Type: Academic Advisement Report

Request Date From	Request Date To	Report Identifier	Request User ID
29/11/2006	29/11/2006	ADMIN	AD1004

Purge Report Results page

Report Manager

Click to access the Report List page, where you can view report content, check the status of a report, and see content detail messages.

Process Monitor

Click to access the Process List page, where you can view the status of submitted process requests.

Run

Click to access the Process Scheduler Request page, where you can initiate the purge.

Purge Selection Criteria

Purge All Results

Select to delete all data in the results tables.

Warning! Selecting this option will override the Freeze Record flag set on the report request record and will delete all data from the results tables. If you also select the Purge Report Requests and Logs option, all associated request records will be purged, even if the Freeze Record flag is set.

Select Results to Purge

This option is selected by default. When it is selected, additional fields are available on the page so that you can specify the report results that you want to delete. You must select an institution and report type, and then you can select additional parameters, including a range of dates, report identifier, or user ID of the person who requested the reports.

Purge Report Requests and Logs

Select to delete report request records, including logs, along with the selected report results.

Academic Institution

Select the institution for which you want to purge academic advisement reports. This value determines the availability of report types in the Report Type field.

Report Type	Select the type of advisement report for which you want to purge reports.
Request Date From and Request Date To	Enter a valid date range to filter report requests based on the report date on the individual report requests. If no values are entered, all report dates are considered.
Report Identifier	Enter the value that identifies the report.
Request User ID	Enter a valid user ID if you want to purge all requests made by a specific user.

Purging the Analysis Database

The analysis database enables you to analyze data collected from a batch run of advisement reports. Because the process of sending data to the analysis database tables inserts a large amount of data into the database, it is important to remove unnecessary data. Failing to remove unneeded data will waste space in the database and potentially increase processing times.

The Purge Analysis Database Tables page enables you run a process that removes data from the analysis database tables. You can delete all analysis database table data or some data, based on specific criteria. In addition to deleting the analysis database data, you can delete corresponding transcript request and log data. To summarize, you can use the options on the page to perform the following actions:

- Purge all data from the analysis database tables and update the transcript error log stating that the analysis database data has been deleted for the request.
- Purge all data from the analysis database tables and delete the corresponding transcript requests (including headers, details, results, and error log).
- Purge some data from the analysis database tables and update the transcript error log stating that the analysis database data has been deleted for the request.
- Purge some data from the analysis database tables and delete the corresponding transcript request records (including headers, details, results, and error log).

The purge process will generate messages in the message log that track the number of records purged or updated in each table. Note that the message log does not track individual record information, only a summary of the actions for each table. You can write SQL using Query Manager to verify that the process removed the correct data from the analysis database tables.

When you purge data from the analysis database (but not from the transcript request and log tables), the process adds an entry into the error log for the transcript request stating that the analysis database data has been purged.

Access the Purge Analysis Database Tables page (Academic Advisement, Advisement Processes, Purge Analysis Database Tables).

Purge Analysis Database Tables

Run Control ID: MK [Report Manager](#) [Process Monitor](#)

Purge Selection Criteria

Purge All Results Select Results to Purge

Purge Transcript Requests and Logs

Academic Institution: PeopleSoft University

Transcript Type: Academic Advisement Report

Request Date From	Request Date To	Report Request Number	Report Request Nbr To	Request User ID
<input type="text" value="11/10/2006"/>	<input type="text" value="11/10/2006"/>	<input type="text" value="000000954"/>	<input type="text" value="000000954"/>	<input type="text" value="HCO_KUZ010"/>

Purge Analysis Database Tables

Purge Selection Criteria

Purge All Results

Select to delete all results in the Analysis Database.

Warning! Selecting this option will override the Freeze Record flag set on the report request record and will delete all data from the analysis database tables. If you also select the Purge Transcript Requests and Logs option, all associated transcript request records will also be purged, even if the Freeze Record flag is set.

Select Results to Purge

This option is selected by default. After selecting this option, enter your selection criteria.

Note. If you select this option, the process obeys the Freeze Record flag set on the transcript request record.

Purge Transcript Requests and Logs

Select to delete transcript requests and logs in addition to purging the analysis database table data.

If the analysis database data is already purged, you cannot go back and select this check box and rerun the purge process.

Academic Institution

Select the institution for which you want to purge academic advisement reports (transcripts). This value determines the availability of report types in the Transcript Type field.

Transcript Type

Select the type of transcript (advising, for example) for which you want to purge data.

Request Date From and Request Date To

Enter a valid date range to filter report requests based on the report date on the individual requests. If no values are entered, all report dates are considered.

Report Request Number and Report Request Number To Enter values in these fields to specify purge parameters in more detail. The system purges report requests for these report request numbers.

Request User ID Enter a valid user ID if you want to purge all requests that were created by a specific user.

Chapter 10

Reviewing the Requirement Group, Requirement, and Course List Summaries

This chapter discusses how to:

- Review academic requirement group summaries.
- Review academic requirement summaries.
- Review advisement course list summaries.

Reviewing Academic Requirement Group Summaries

Use the Academic Requirement Group Summary component to view summaries of academic requirement groups, which include detail about each group's academic requirements and requirement lines. Each academic requirement group consists of these items:

- A unique requirement group number.
- Detail lines that point to conditions, courses, and requirements.
- Parameters that include unit, course, and grade point average requirements.

This component is shared with PeopleSoft Student Records, where you can view enrollment requirement group rules.

See Also

PeopleSoft Student Records 9.0 PeopleBook, "Setting Up Enrollment Requisites," Viewing Enrollment Requisite Summary Information

Pages Used to Review Academic Requirement Group Summaries

<i>Page Name</i>	<i>Definition Name</i>	<i>Navigation</i>	<i>Usage</i>
Requirement Group Summary	ADVIS_RQ_GRP_SUMM	Academic Advisement, Summaries, Academic Requirement Groups	Review a summarized listing of the requirements contained in an academic requirement group. Line details and connectors are listed.
Requirement Group Description	RQS_SUMM_DESC	Academic Advisement, Summaries, Academic Requirement Groups. Click the requirement group name.	Review the description of the academic requirement group.
Requirement Summary	ADVIS_RQ_SUMMARY	Academic Advisement, Summaries, Academic Requirement Groups. Click the specific academic requirement.	Review summaries of the academic requirement lines in a specific academic requirement. Each requirement consists of detail lines pointing to conditions, courses, and requirements as well as parameters that include unit and course requirements.
Requirement Description	RQ_SUMM_DESC	Academic Advisement, Summaries, Academic Requirement Groups. Click requirement group name. Click the requirement name on Requirement Summary page.	Review the description of the academic requirement, which automatically populates from the Academic Requirements component.
Requirement Line Description	RQ_LN_SUMM_DESC	Academic Advisement, Summaries, Academic Requirement Groups. Click the requirement name to access the Requirement Summary page. Click a specific academic requirement line.	Review the long description and requirement description for a specific academic requirement line.

Reviewing Academic Requirement Summaries

Use the Academic Requirement Summary component to review a summary of a specific academic requirement.

These pages are the same as the corresponding pages of the Academic Requirement Group Summary component. However, through the Academic Requirement Summary component, they provide a direct view of academic requirements as they exist separate from academic requirement groups.

See Also

[Chapter 5, "Setting Up Academic Requirements," page 43](#)

PeopleSoft Student Records 9.0 PeopleBook, "Setting Up Enrollment Requisites," Viewing Enrollment Requisite Summary Information

[Chapter 10, "Reviewing the Requirement Group, Requirement, and Course List Summaries," Reviewing Academic Requirement Group Summaries, page 183](#)

Reviewing Advisement Course List Summaries

Use the Academic Course Lists component to review a summary of specific academic course lists, including descriptions of each course on an academic course list. This component is shared with PeopleSoft Student Records, where you can view enrollment course list details.

See Also

PeopleSoft Student Records 9.0 PeopleBook, "Setting Up Enrollment Requisites," Viewing Enrollment Requisite Summary Information

[Chapter 4, "Setting Up Academic Course Lists," page 29](#)

PeopleSoft Student Records 9.0 PeopleBook, "Setting Up Enrollment Requisites," Defining Enrollment Course Lists

Pages Used to Review Advisement Course List Summaries

<i>Page Name</i>	<i>Definition Name</i>	<i>Navigation</i>	<i>Usage</i>
Course List Summary	RQ_COURSELIST_SUMM	Academic Advisement, Summaries, Academic Course Lists	View a summary of a specific academic course list.
Course Description	CLST_SUMM_DESC	Academic Advisement, Summaries, Academic Course Lists Click a specific course.	View the course description for a specific course ID on an academic course list.

Chapter 11

Sharing Courses

This chapter provides an overview of sharing courses and discusses how to set up course share sets.

Understanding Course Sharing

By default, a course cannot be used by more than one requirement group. However, by using a course share set, courses can be shared by more than one requirement group. A course share set is a tag that defines a set of requirement groups that can share courses.

Use course share sets after you define the requirement groups, requirements, and course lists. The course share set is used only at the academic requirement group level. A requirement group can reference a maximum of 30 share sets. However, a course can only be shared between six requirement groups that use share sets. Finally, the advising process can evaluate no more than 200 course share sets per report.

Course share sets are only necessary if the requirements capture course statistics through a requirement line whose credit include mode is *All Stats*. If the requirement only verifies course information (where the credit include mode is *Verify*), then all of the courses are verified, whether or not the system has used them in the audit. Therefore, it is not necessary to include course share sets with requirement groups that are only verifying courses.

By limiting the number of requirement groups within a share set, you can reduce processing time.

If you can attach all of the courses (that you want to share) within the same requirement group, use partition sharing. Partition sharing within a requirement group can be more efficient for the advisement report process than the use of course share sets.

See Also

[Chapter 6, "Setting Up Academic Requirement Groups," page 111](#)

Setting Up Course Share Sets

This section discusses how to establish set up course share sets and provides a course share set example.

You complete these steps to share courses:

1. Define as many course share sets as necessary on the Define Course Share Sets page.

2. Indicate on the Requirement Group Parameters page whether a requirement group belongs to a course share set that enables it to share courses with another group.

Page Used to Set Up Course Share Sets

Page Name	Definition Name	Navigation	Usage
Define Course Share Sets	CRSE_SHARE_SET	Academic Advisement, Academic Requirements, Define Course Share Sets	Establish a course share set number. You enter the course share set number to two or more requirement groups to allow them to share courses.

Establishing Course Share Sets

Access the Define Course Share Sets page (Academic Advisement, Academic Requirements, Define Course Share Sets).

Define Course Share Sets

Find | View All First 1 of 1 Last

Course Share Set: 000000010

*Effective Date: 02/02/1900 *Status: Active

*Description: Psych/GE Share

Requirement: 000001133 Restrict Psych

Requirement Groups in Share Set

	Description	Short Description	Short Description	Description
000115	LAU GE Distribution	PeopleSoft University	Undergrad	Lib Arts
000116	Psychology Requirements	PeopleSoft University	Undergrad	Lib Arts
				Psychology

Define Course Share Sets page

- Course Share Set** Displays the identifying number of the tag that you are establishing. This tag defines the requirement groups that can share courses. The course share set number is used on the Requirement Group Parameters page.
- Effective Date** Enter the effective date that defines what requirement version is used for the requirement course share restriction. In regards to requirement groups, a course share set has no effective date. In addition, the effective date does not reflect on a student's requirement term.
- Description** Enter a description of the course share set.

Requirement

(Optional) Enter the academic requirement number that places restrictions on course sharing for this share set.

The academic requirement must have a usage value of *Requirement Course Share Restriction*. Requirement course share restrictions that are established in the Academic Requirements component.

You are not required to enter a value in the Requirement field. If no value is entered, then no restriction exists for which courses or units can be shared. For restricted sharing, specify a requirement. Restricted sharing is necessary if you want to limit the number of courses or units that can be shared. When a value is entered in the Requirement field, then the course share set can only share those courses or units permitted by the requirement.

Requirement groups that appear in the Requirement Groups in Share Set group box are the groups that use the share set. For sharing to take effect, more than one group must be listed.

Note. After you establish and use a course share set on the Requirement Group Parameters page, the requirement groups that are affected are listed on the Course Share Sets page under the appropriate course share set.

Example: Course Set Sharing

In this example, requirement 1133 restricts course sharing for course share set 10:

Define Course Share Sets

[Find](#) | [View All](#) First ◀ 1 of 1 ▶ Last

Course Share Set: 000000010 + -

Effective Date: 02/02/1900 [calendar icon] **Status:** Active ▼

Description:

Requirement: [magnifying glass icon] Restrict Psych

Requirement Groups in Share Set Customize | Find | [grid icon] ◀ 1-2 of 2 ▶

		Description	Short Description	Short Description	Description
000115	LAU GE Distribution	PeopleSoft University	Undergrad	Lib Arts	
000116	Psychology Requirements	PeopleSoft University	Undergrad	Lib Arts	Psychology

Example of Define Course Share Sets page

In this example, academic requirement 1133 restricts psychology sharing to one course:

Example of Requirement page

This requirement contains one requirement line. Requirement course share restriction usage can use one line type only: *Unit, Course, or GPA Limit*.

Example of Line Item page

The line number allows only one course. A blank value in either the Maximum Units Allowed field or the Maximum Courses Allowed field indicates that you cannot share courses. Enter a value in both fields if you want to restrict sharing to a certain number of units and courses.

Requirement		Parameters		Line Item		Line Item Parameters		Line Item Detail	
Find View All 1 of 1									
Academic Requirement:	000001133			Description:	Restrict Psych				
Effective Date:	01/01/1900			Status:	Active				
Line Item Parameters Find View All 1 of 1									
Line Nbr:	0010			Description:	restrict				
Minimum GPA:	<input type="text"/>			Maximum GPA Allowed:	<input type="text"/>				
				Maximum Units Allowed:	3.00				
				Maximum Courses Allowed:	1.00				
*Course Ranking Scheme:	Chronological				*Reporting:	Always Report			
					<input type="checkbox"/> Override Standard Set Logic				
Background Key									
Line Nbr:	0010			Description:	restrict				
<input type="checkbox"/> Count Attempts				Print Control:	Print on audit reports				

Example of Line Item Parameters page

The line item detail should contain the type of courses to be limited. In this example, the limit is on all psychology courses, which must be intersected by the derived course list of used by requirement group (or used by requirement) to create the limit target:

Requirement	Parameters	Line Item	Line Item Parameters	Line Item Detail
Find View All 1 of 1				
Academic Requirement:	000001133	Description:	Restrict Psych	
Effective Date:	01/01/1900	Status:	Active	
Line Item Find View All 1 of 1				
Line Nbr:	0010	Descr:	restrict	
Line Item Detail Find View 1 1-3 of 3				
*Line Detail Sequence:	1	*Line Detail Type:	CLST	Course List
Course List:	000000069	<input type="button" value="View"/>	All Psych Courses	
*Line Detail Sequence:	2	*Line Detail Type:	DLST	Derived Course List
List Include Mode:	I	Intersection with		
List Recall Mode:	Used by Requirement Group			
Requirement Group:	000115	<input checked="" type="checkbox"/> Ignore Missing Target LAU GE Distribution		
*Line Detail Sequence:	3	*Line Detail Type:	DLST	Derived Course List
List Include Mode:	I	Intersection with		
List Recall Mode:	Used by Requirement Group			
Requirement Group:	000116	<input checked="" type="checkbox"/> Ignore Missing Target Psychology Requirements		

Example of Line Item Detail page

Note. Requirements with a usage value of *Requirement Course Share Restriction* must intersect with the target requirements. For example, if a share set has three requirement groups but only two are restricted in sharing, then the requirement that restricts needs two additional detail lines, *Used by Requirement 1234* and *Used by Requirement 3456*, plus a third detail line of the courses that are being restricted.

Chapter 12

Using Advisement Overrides and Course Substitutions

This chapter provides an overview of advisement overrides and course substitutions, lists prerequisites, and discusses how to:

- Set up course directives and advisement overrides.
- Define course substitutions.

Understanding Advisement Overrides and Course Substitutions

Use advisement overrides and course substitutions to modify existing requirements and make exceptions for a specific student.

Advisement overrides enable you to override any part of a student's degree requirements. Standard requirements can be overridden or an entire program can be configured for a specific student or group of students. Course directives are a type of advisement override. These mandate (or direct) where specific courses will or will not be used to satisfy requirements. For example, you can direct that a course be used toward satisfying a student's major requirements, but not general education requirements. Course directives are a method of course override.

Course substitution enables you to select a course to use in place of the required course. Substitutions can be set up in advance or after course completion. For example, transfer work in the Summer session can be pre-approved so that it is automatically calculated in the Fall session.

You can make academic advisement exceptions for a student in one of three ways:

- Use the Authorize Student Exceptions page to direct where specific courses are to be used to satisfy requirements.

This is the preferred way to create a course substitution.

- Change, override, or waive a requirement using the Authorize Student Exceptions page.
- Substitute one course for a required course on the Course Substitution page.

Prerequisites

Before you begin, you must set up these items:

- Academic course lists.
- Academic requirements.
- Academic requirement groups.

See Also

[Chapter 4, "Setting Up Academic Course Lists," page 29](#)

[Chapter 5, "Setting Up Academic Requirements," page 43](#)

[Chapter 6, "Setting Up Academic Requirement Groups," page 111](#)

Setting Up Course Directives and Advisement Overrides

This section provides an overview of course directive and advisement override setup and discusses how to:

- Create advisement overrides.
- Create override details.

Understanding Course Directive and Advisement Override Setup

Use the Authorize Student Exceptions page to create an advisement override. An advisement override can act to direct a course, change a requirement, override a requirement, or waive a requirement. An established override enables you to override a course, a requirement, a requirement line, or a requirement group. Once you establish an override, it is always available for editing or revising.

When you enter any course directives or override exceptions into the database, the system records the user's ID for security and traceability reasons. This audit trail prints on the degree audit report.

Pages Used to Set Up Course Directives and Overrides

<i>Page Name</i>	<i>Definition Name</i>	<i>Navigation</i>	<i>Usage</i>
Authorize Student Exceptions	AA_OVERRIDE	Academic Advisement, Student Advisement, Authorize Student Exceptions	Create an advisement override.
Exception Detail	AA_RQRMNT_GRP_INFO	Click the Create Exception link on the Authorize Student Exceptions page.	Record the specifics of an advisement override.

Creating Advisement Overrides

Access the Authorize Student Exceptions page (Academic Advisement, Student Advisement, Authorize Student Exceptions).

Authorize Student Exceptions
Find | View All First 1 of 1 Last

Advisement Override: 000000002	User ID:
*Effective Date: 06/22/1998	*Status: Active
*Description: Psych Statistics	Short Description: Psych Stat
Long Description: Replace Psych Statistics with General Statistics during Fall 98 term because Psych Statistics will not be offered that semester and many Psych majors need to take the course to fulfill later pre-requisites.	

Override Detail

*Academic Institution: PSUNV	PeopleSoft University	
*Academic Career: UGRD	Undergraduate	
Academic Program: LAU	Liberal Arts Undergraduate	Create Exception
Academic Plan: PSYCH	Psychology	
Academic Sub-Plan:		
*Selection Code: Primary Academic Plan		
*Selection Data: PSYCH	Psychology	
*Operation Code: Course Directive		

Authorize Student Exceptions page

When a user attempts to set up an exception to his own ID using the Authorize Student Exceptions component he receives an error message warning him that he is not permitted to do so. Specifically, when the operator's ID (emplid) is the same as the ID (emplid) selected, the operator receives an error message indicating that he is not authorized to create a student exception for himself.

Note. The system uses overridden data for the degree audit report only. Original data that you recorded for the other PeopleSoft Campus Solutions pages remains unchanged.

Advisement Override Displays an automatically assigned, sequential number that is unique for each override.

User ID Displays the ID of the user who created the advisement override.

Effective Date The latest effective date for this advisement override defines whether or not the advisement override is used. If an advisement override has an effective date before the as-of-date value on the Request Detail page of the transcript request, then the override will be in effect. However, if the effective date is later than the as-of-date value, then the override will not be in effect and will be ignored. For example, if the effective date is *01/01/2001* and the as-of-date value is *09/19/2000*, then the system ignores the override.

Description, Short Description, and Long Description Enter descriptions. Use the description and short description field values for documentation purposes only. The long description field value prints on the audit report.

Override Details

Academic Institution Select the academic institution that is affected by this advisement override. Each advisement override is associated with only one academic institution. A value in this field is required.

Academic Career Enter the academic career that contains the course, requirement line, requirement, or requirement group that is the subject of the override. A value in this field is required.

Note. Academic Program, Academic Plan, and Academic Sub-Plan fields can be blank as long as the subject of the override exists at the career level or higher.

Academic Program Enter the academic program whose requirement groups (which contain the requirement, requirement line, and courses) are the subject of the override. A value in this field is optional.

Academic Plan Enter the academic plan whose requirement groups (which contain the requirement, requirement line, and courses) are the subject of the override. A value in this field is optional.

Academic Sub-Plan Enter the academic sub-plan whose requirement groups (which contain the requirement, requirement line, and courses) are the subject of the override. A value in this field is optional.

Selection Code Select the selection code that determines who or what the override affects. Values are:

Primary Academic Plan: Indicates that the override applies to all of the students in the specified primary plan.

Academic Program: Indicates that the override applies to all of the students in the specified program.

Student Group: Indicates that the override applies to all of the students in the specified student group.

Student: Indicates that the override applies to a single student.

Selection Data

Enter the field value that is appropriate for the selection code. Values are based on the selection code field value that you entered. For example, if you select *Student Group* as the selection code, then the only values available in the Selection Data field will be student groups. If you select *Student* as the selection code, then only the student's ID can be entered in the Selection Data field.

Operation Code

Select the operation code that indicates the type of advisement override. Values are:

Course Directive: Indicates that the override directs where you can use a specific course to satisfy a requirement. For example, you can direct a course to satisfy a major requirement rather than a general education requirement.

Requirement Change: Indicates that the override acts as a change to a specific requirement.

Requirement Override: Indicates that you can override a specific requirement with a student individualized plan requirement.

Requirement Waiver: Indicates that the override waives a specific existing requirement.

Note. If the Operation Code field value is *Course Directive*, then the Level field is not applicable. Course directives can only be accomplished at the requirement line level.

Level

Enter the field value that indicates the level at which the operation code works. If the operation code is *Requirement Change* or *Requirement Waiver*, then the Level field values include *LN*, *RG*, and *RQ*. If the operation code is *Requirement Override*, then the Level field values include *RG* and *RQ*. A value of *LN* indicates that the operation code works at the requirement line level. A value of *RG* indicates that the operation code works at the requirement group level. A value of *RQ* indicates that the operation code works at the requirement level.

Create Exception

Click to access the Exception Detail page, where you can record the specifics of an advisement override.

Creating Override Details

Access the Exception Detail page (Click the Create Exception link on the Authorize Student Exceptions page).

Direct Courses to			
Requirement Group:	<input type="text" value="000116"/>		Psychology Requirements
Requirement:	<input type="text" value="000001089"/>		Psych Stats Requirement
Line Nbr:	<input type="text" value="0010"/>		Psych Stats

Directed Courses			
1 of 1			
Course Sequence:	<input type="text" value="0001"/>	Directive Type:	<input type="text" value="Substitute"/>
Course Source:	<input type="text" value="Course Offerings"/>	<input type="button" value="Search"/>	<input type="button" value="+"/> <input type="button" value="-"/>
Subject:	STATS	Catalog:	100 Statistics 100
Course ID:	001151	Offer Nbr:	Acad Group: ENGR
Term:	<input type="text" value="0330"/>		1998 Fall
Directed Units:	<input type="text" value="3.00"/>	Min Grade Points/Unit:	<input type="text" value="2.00"/>
Directed Courses:	<input type="text" value="1.00"/>		
Course Topic ID:	<input type="text"/>		

Exception Detail page

Enter the specific items that you want to override and change. Based on the information entered on the Authorize Student Exceptions page, only relevant fields appear on this page. For example, if, on the Authorize Student Exceptions page, you select the operation code *Requirement Waiver* and enter a level of *LN* (requirement line), then you must enter a requirement group, academic requirement, and requirement line. That is, you must tell the system what requirement line you want to change.

In addition, the system filters prompt values based on the information that you entered on the Authorize Student Exceptions page. For example, if, on the Authorize Student Exceptions page, you enter values for academic institution, academic career, academic program, and academic plan, then you prompt only on those requirement groups defined at the academic plan level. That is, you prompt only on requirement groups whose academic structure matches that entered on the Authorize Student Exceptions page.

Directed Courses

This group box may not contain any fields, depending on the information that you entered on previous pages.

When you select the *Course Directive* operation code on the Authorize Student Exceptions page, the system displays a number of fields in this group box.

Directed Courses

Directive Type	<p>Select the directive type. Values are:</p> <p><i>Substitute</i>: Select to replace one course for another.</p> <p><i>Exclude</i>: Select to exclude courses from being used in the degree audit. The information that you enter on the Exception Detail page dictates which courses are excluded.</p>
Course Source	<p>Select the value that represents the courses from which to select the substitution. Values are:</p> <p><i>Offerings</i>: Indicates all courses for the institution. From the institutions offerings, you can then select a specific course ID, subject, catalog number, and course offering. This value is the default.</p> <p>When the selection code on the Authorize Student Exceptions page is <i>Primary Academic Plan</i>, <i>Academic Program</i>, or <i>Student Group</i>, then <i>Offering</i> is the only available course source.</p> <p><i>Enrollment</i>, <i>Other Credit</i>, <i>Test Credit</i>, and <i>Transfer Courses</i>: Indicate that the courses from which to choose are based on the student's transcript. They are courses in which the student enrolled, or posted to a transfer, test, or other credit model.</p> <p>These four options are only available when the selection code on the Authorize Student Exceptions page is <i>Student</i>.</p>
Search	<p>Click to access the Student Course Directive Search page, where you enter a subject area. (If you do not know the subject area, you can use the prompt to look up the subject area.) Click the button again to access the Course Selection page, where you can select from among the courses listed.</p> <p>Using the search feature, you can find and select a particular course ID, offering number, class number, and section number for regularly enrolled courses, and a model, group, and sequence number for transfer, test, and other credit. Unit earned, grades, and requirement designation values are also noted in the search record.</p> <hr/> <p>Note. When the course source is <i>Offerings</i>, you must enter a subject area before clicking the Search button on the Student Course Directive Search page. However, when the course source is another value, you do not need to enter a subject area. Instead, click the Search button and the system will return a list of courses from the student's enrollment or transfer records.</p> <hr/>
Term	<p>Enter a term value to indicate that the directive applies only when the student takes the course in the specified term. This field is only available when the course source is <i>Offerings</i>.</p>
Directed Units	<p>Enter the number of units you want used in the audit. A value in this field is optional.</p>
Directed Courses	<p>Enter the number of courses you want used in the audit. A value in this field is optional.</p>

Course Topic ID

Enter a course topic ID to further define a specific course to be used in the exception. When the course source is *Offerings*, you can enter a value in this field to ensure that the directive will apply only if the student takes the course with this topic ID. This field is not available when the course source is *Othr Cred*, *Test Cred*, or *Transfer*. A value in this field is optional.

Example: Waiving a Requirement

To waive a requirement line that exists at the plan (PSYCH) level for a particular student:

- Enter *PSUNV* as the academic institution, *UGRD* as the academic career, *LAU* as the academic program, and *PSYCH* as the academic plan.
- Enter *Student* as the selection code and enter (*AA0015*) as the student's ID in the Selection Data field.
- Enter *Requirement Waiver* as the operation code.
- Enter *LN* in the Level field.

Authorize Student Exceptions

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Advisement Override: 000000016	User ID: + -
*Effective Date: <input type="text" value="02/02/1900"/> <small>BT</small>	*Status: <input type="text" value="Active"/>
*Description: <input type="text" value="Waive Psych Stats"/>	Short Description: <input type="text" value="WaiveStats"/>
Long Description: <input style="width: 100%;" type="text" value="Waive Psych Stats"/>	

Override Detail

*Academic Institution: <input type="text" value="PSUNV"/>	PeopleSoft University	
*Academic Career: <input type="text" value="UGRD"/>	Undergraduate	
Academic Program: <input type="text" value="LAU"/>	Liberal Arts Undergraduate	Create Exception
Academic Plan: <input type="text" value="PSYCH"/>	Psychology	
Academic Sub-Plan: <input type="text"/>		
*Selection Code: <input type="text" value="Student"/>		
*Selection Data: <input type="text" value="AA0015"/>		
*Operation Code: <input type="text" value="Requirement Waiver"/>		
Level: <input type="text" value="LN"/>	Rq Line	

Using the Authorize Student Exceptions page to waive a requirement

Defining Course Substitutions

This section provides an overview of course substitutions and discusses how to set up course substitutions.

Understanding Course Substitutions

Course substitution is one type of student-specific exception. Each course substitution is student-specific and defined with that student in mind. Substitutions affect a student's career. Each career can contain course substitutions. A student with multiple careers can have multiple course substitutions that are relevant to a specific career.

Note. Course substitution does not apply across careers. When you create a course substitution where the original course and the substituted course are from different careers, the substitution is not effective. To make the substitution, you must first transfer the course into the target career and then make the substitution.

You can substitute any course for any other course, whether or not it appears on a student's transcript. An advisor can substitute a course that the student completes in a future term. If the student never takes the course, the substitution is not processed.

Once a course is identified as a substitute for another course, its former identity no longer exists. The course substitution process changes the course identity to that of a new course.

Note. When you run a degree audit report, the original course appears with a note indicating that the course you selected was substituted for the required course. The selected course is treated for advisement purposes as if it were the original required course.

Warning! Course substitution does not work when applying a what-if course list scenario.

See Also

[Chapter 16, "Producing Academic Advisement Transcript Reports," Producing Quick What-If and Stored What-If Advisement Reports, page 262](#)

Page Used to Define Course Substitutions

<i>Page Name</i>	<i>Definition Name</i>	<i>Navigation</i>	<i>Usage</i>
Course Substitution	STDNT_CR_S_SBS	Academic Advisement, Student Advisement, Create Course Substitution	Substitute one course for another course.

Setting Up Course Substitutions

Access the Course Substitution page (Academic Advisement, Student Advisement, Create Course Substitution).

Course Substitution

Name: Kimberly Adams **Student ID:** AA0001

Academic Career: Undergraduate **Student Career Nbr:** 0

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***Substitution Seq:** ***Course Source:**

***Long Description:**

Select Course:	<input type="button" value="Search"/>	003294	Engl Lit	210	African Am Writ
Substitute for:	<input type="button" value="Search"/>	003276	Engl Lit	102	Survey of American Literature

Course Substitution page

Academic Career	Displays the student's academic career.
Student Career Nbr (student career number)	Displays a sequentially assigned number that indicates each student's career. The value appears automatically from the Student Program page. This number indicates which career is affected by the substitution.
Substitution Seq (substitution sequence)	Enter the sequence number. This number tracks the course substitution. This value is a sequential number that is automatically assigned by the system. The user can override this value, but he or she should not do so. Each substitution sequence number reflects one course substitution. A student can have multiple course substitutions.

Course Source	<p>Select the appropriate course source for this course substitution. This field indicates the source of available courses from which you can select a course substitution. Values are:</p> <p><i>Course Offerings:</i> Includes all of the courses. There are no career or enrollment restrictions on which courses are available.</p> <p><i>Enrollment:</i> Includes courses in which the student enrolled. There is no career restriction on what courses are available. This field is used for prompting, not analysis.</p> <p><i>Other Credit, Test Credit, or Transfer Courses:</i> Includes credit and courses that the student received from other sources, rather than course offerings and enrollment. These values prompt only on courses in the academic career. Use this field for prompting, not analysis.</p> <p>Values for this field are delivered with your system as translate values. Do not modify these values. Any modifications to these values require a substantial programming effort.</p>
Long Description	Enter a long description of the course substitution.
Select Course and Search	Displays the substitute course. Click the Search button to select from a list of available substitute courses. The system bases the list on your course source setting. If you selected any course source other than course offerings, the system lists courses or credit work that the student has on record.
Substitute for and Search	Displays the course for which you are assigning a substitute course. Click the Search button to select from a list of available courses.

Chapter 13

Creating and Using Expanded Conditions and Custom Conditions

This chapter discusses how to:

- Define expanded conditions.
- Define custom conditions.

Defining Expanded Conditions

This section provides an overview of dynamic conditions and discusses how to:

- Define academic entity groups.
- Define dynamic conditions.

Understanding Expanded Conditions

Expanded conditions consist of entity groups and dynamic conditions. You can use entity groups and dynamic conditions as preconditions or conditions within requirements and requirement groups.

An academic entity group consists of similar items (programs, plans, subplans, or student groups) that are grouped together for more efficient use as a single precondition or condition. For example, an entity group might include all of the programs within a career or multiple plans within a program. When you want to use an entity group in a precondition or condition in a requirement or requirement group, you must use the operator of In or Not In.

Dynamic conditions are multiple (groups of) conditions or multi-dimensional condition values. For example, you could create a dynamic condition that requires academic plan = psych AND cumulative GPA > 3.0. You can use dynamic conditions as preconditions or conditions in academic requirements and requirement groups.

Dynamic conditions can be "standard" or "user programmable." A standard condition might be, for example, of the following: student group equals ESL or International. This multiple or *dynamic* condition might then be used as a precondition in a degree requirement. User programmable conditions consist of milestones, external degrees, or internal degrees. For example, you can create a condition that requires a milestone whereby students must complete an art portfolio as a requirement for graduation.

Note. You can also create dynamic conditions for use in enrollment requisites.

See *PeopleSoft Student Records 9.0 PeopleBook*, "Setting Up Enrollment Requisites," Defining Requisite Conditions (Optional).

Page Used to Define Expanded Conditions

Page Name	Definition Name	Navigation	Usage
Define an Entity Group	AA_IN_CONDITION1	Academic Advisement, Academic Requirements, Define an Entity Group	Define the academic entity group to be used as a precondition or condition requirement.
Define Dynamic Condition	RQ_CONDITION	Academic Advisement, Academic Requirements, Define Dynamic Condition	Create a condition specification.

Defining Academic Entity Groups

Access the Define an Entity Group page (Academic Advisement, Academic Requirements, Define an Entity Group).

Define an Entity Group

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Entity Group: 000009 + -

***Effective Date:** 01/01/1900 31 ***Status:** Active v

***Description:** Fine Arts Majors **Short Description:** Fine Arts

Long Description: Fine Arts Majors ^ v

***Academic Institution:** PSUNV v PeopleSoft University

***Requirement Usage:** ADV Q Academic Advisement

***Entity Group Type:** Plan v

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#	Academic Plan	Description	+	-
1	ART Q	Art (BFA)	+	-
2	ARTHIST Q	Art History (BFA)	+	-
3	DANCE Q	Dance (BFA)	+	-
4	MUS-BA Q	Music-BA	+	-

Define an Entity Group page

Academic Entity Group	This arbitrary number is unique for each entity group. It can be used as a precondition or condition
Effective Date	The latest effective date that you entered for the entity group is used during analysis.
Academic Institution	Select the academic institution. Each entity group is associated with only one academic institution. This field is used for prompting, not analysis.
Description	Enter a description for the entity group that you want to establish. The description displays in the requirement group and requirement summaries.
Short Description and Long Description	Enter descriptions for the entity group that you want to establish. The descriptions are for documentation purposes only.
Entity Group Type	<p>Select the entity group type that indicates the type of items that are contained in the group. This field value determines what information appears in the Entity Group Item Detail group box. Values are:</p> <p><i>Plan</i>: Indicates that the entity group contains academic plans.</p> <p><i>Program</i>: Indicates that the entity group contains academic programs. This is the default field value.</p> <p><i>Student Group</i>: Indicates that the entity group contains student groups.</p> <p><i>Sub Plan</i>: Indicates that the entity group contains academic subplans.</p>

Entity Group Item Detail

Lists the details (entities) in this academic entity group. An entity group item number is a sequential line number that the system automatically assigns to each item in the entity group. The user can override the number. The system automatically supplies the description.

Defining Dynamic Conditions

Access the Define Dynamic Condition page (Academic Advisement, Academic Requirements, Define Dynamic Condition). The appearance and functionality of this page changes, depending on whether you access it in Add mode or Update/Display mode.

Define Dynamic Condition page: Add mode

A condition specification (dynamic condition) is a condition that includes connector types, lines, process types, parameters, and controls. Once you create a condition specification, it may be referenced as a precondition or condition requirement by academic and enrollment requirements, as well as academic and enrollment requirement groups. It may also be referenced by another dynamic condition. Using Boolean logic, dynamic conditions can be combined within a condition specification to create complex expanded conditions. For example, you could create two dynamic conditions, and then point to these from a third dynamic condition. Dynamic condition #1 equals academic level = freshman and cum GPA>=2.0. Dynamic condition #2 equals sophomore and cum GPA>=2.5. Dynamic condition #3 equals dynamic condition #1 OR dynamic condition #2.

Condition Specification This arbitrary number is unique for each condition specification. You can use this condition specification as a precondition or as a condition requirement.

Effective Date The latest effective date that you entered for the condition specification is used during analysis.

Description Enter a description for the condition specification that you want to establish. The description appears in the requirement group and requirement summaries, the advisement requirement report, the advisement requirement group report, and the reverse engineering report.

When the dynamic condition is used as a condition in an academic requirement or academic requirement group, and if print controls dictate, the description prints on the advisement report, .pdf, and advisement transcript. The exception to this for the advisement report and .pdf is if the Condition Description field on the requirement's line item detail is populated. In that case, the condition description appears on the advisement report and .pdf.

Short Description and Long Description	Enter descriptions for the condition specification that you want to establish. These descriptions are used for documentation purposes only.
Academic Institution	Select the academic institution. Each condition specification is associated with only one academic institution.
Requirement Usage	Select the requirement usage that is relevant to the dynamic condition. A dynamic condition can be used only in requirement groups and requirements that share the same usage value.
Connector Type	Select the main connector type for this condition specification. Values are: <i>None</i> , <i>AND</i> , and <i>OR</i> . (<i>None</i> converts to <i>AND</i>). The connector type indicates the Boolean operator to be used in the equation that contains the condition lines.
Condition Line Sequence	This number indicates the order in which the condition lines are evaluated. The condition line sequence number is automatically assigned, but it the user can override it.
Condition Process Type	Select a condition process type. Values are: <i>Standard Condition</i> : Indicates that the condition is one of the delivered, standard conditions. This is the default field value. If you use this type, then the condition code field is available. <i>User Programmable Condition</i> : Indicates that the condition is a user programmable condition. If you select <i>User Programmable Condition</i> , the Condition Process Identifier field becomes available.

Condition Code

If you select the Condition Process Type field value of *Standard Condition*, then select one of the following delivered translate values:

None: Indicates no field value.

Academic Level: Indicates the year of study. For example, valid values include freshman and sophomore. This value is evaluated against the student based on whatever As of Date field value is specified at run time.

Academic Plan: Indicates the area of study, for example, a major or minor within the academic program. Some plans are subdivided into sub-plans. *Academic Plan* and *Primary Academic Plan* reference the exact same plan when the student has one plan only.

Academic Plans: Indicates that all of a student's plans are part of the equation.

Academic Program: Indicates the program of study to which a student applies and is admitted. *Academic Program* and *Primary Academic Program* reference the exact same program when the student has one program only.

Academic Programs: Indicates that all of a student's academic programs are part of the equation.

Academic Standing: Indicates a student's standing at the institution. For example, values might include good standing, probation, and dismissal. You define values in the Academic Standing table. This value is evaluated against the student based on the as of date that you specify at run time.

Academic Sub-Plan: Indicates a further specialization within the academic plan.

Academic Sub-Plans: Indicates that all of a student's sub-plans are part of the equation.

Cumulative Grade Point Average: A student's cumulative grade point average (derived from the students term history cumulative statistics, in conjunction with the processing as of date).

Dynamic Condition: Indicates a dynamic condition that has been previously created in the Define Dynamic Condition component.

Primary Academic Plan: Indicates a student's primary academic plan. The primary academic plan is designated by the lowest plan sequence number on the Student Plan page. For example, under a program of LAU, a student might have two plans, Psychology and Classics Minor. If Psychology has a plan sequence number of 10 and Classics Minor has a plan sequence number of 20, then Psychology is the primary academic plan. On the Student Plan page, student career number 0 is the primary career.

Important! The primary academic plan is designated by the lowest plan sequence number on the Student Plan page, and the primary academic program is designated by the lowest career sequence number on the Student Program page. However, when a student has multiple programs (containing multiple plans), the primary academic plan is not necessarily the lowest plan sequence number under a given program, but it is that plan with the lowest plan sequence number under the program with the lowest student career number. For example, under a program of Liberal Arts Undergraduate (attached to a student career number of 0), a student has a plan of Psychology with a plan sequence number of 10. The same student has a plan of Art with a plan sequence number of 10 under a program of Fine Arts Undergraduate (attached to a student career number of 1). Both plans have a plan sequence number of 10, but the plan under the program with the lowest career number is the primary plan. In this example, the primary plan is Psychology, which is tied to a student career number of 0 through the Liberal Arts Undergraduate program.

Primary Academic Program: Indicates a student's primary academic program. The primary academic program is the program designated by the lowest career sequence number. On the Student Program page, student career number 0 is the primary career.

Student Group: Indicates a grouping of students. For example, values might include athlete and veteran. You define values in the Student Group table.

Student Groups: Indicates that all of the student groups containing a student are part of the equation.

Test Score: Select to use a test score as a condition. If you select this field value, the following additional fields appear: Test ID, Test Component, Condition Operator, Test Score, Months Valid, and Test Score Method. Months Valid and Test Score Method are editable according to the setup on the Define Tests for Advisement page.

If you select *User Programmable Condition*, the Condition Process Identifier field becomes available. Select the appropriate value that is a unique, arbitrary number for the condition process. Values are: 0001 (*Milestone Check*), 0002 (*Internal Degree Check*), and 0003 (*External Degree Check*). *Milestone Check* verifies whether a milestone is completed, in progress, or not completed. *Internal Degree Check* verifies whether a student has received a degree from the home institution. *External Degree Check* verifies whether a student has received a degree from another institution.

Note. You can create additional condition process identifier field values in the Condition Processes table. Delivered field values are numbered from 1 through 500. Client-added values should be numbered above 500.

Define Dynamic Condition page: Update/Display mode

If you select the Condition Process Type of *User Programmable Condition*, and the Condition Process Identifier of *Milestone Check*, then additional fields become available. Use these to specify the details about the milestone for use in this dynamic condition.

Academic Institution If applicable, enter the academic institution. Each condition line detail is associated with only one academic institution.

Academic Career If applicable, enter the academic career that contains the academic program that is associated with this condition line detail.

Academic Program If applicable, enter the academic program that is associated with this condition line detail.

Academic Plan If applicable, enter the academic plan that is associated with this condition line detail.

Milestone	Enter the milestone that must be achieved to satisfy this condition line detail. For example, a milestone could be an audition, qualifying exam, or thesis. You define milestones in the Milestone table.
Milestone Complete	Select the appropriate milestone. Values are: <i>None</i> : Indicates that the field is not applicable. <i>Completed</i> : Indicates that the student must complete this milestone to satisfy the condition line detail. <i>In Progress</i> : Indicates that the student must be working towards completing the milestone to satisfy the condition line detail. <i>Not Completed</i> : Indicates that the student must not have completed this milestone to satisfy the condition line detail.
Milestone Level	Enter the minimum level for this milestone. Some examples of milestone levels are honors, undergraduate, or graduate.
Minimum Grade Points	Enter the minimum grade points that are acceptable to complete this condition line detail.
Milestone Title	Enter a descriptive phrase as the milestone title. This field does not appear on the advisement report or advisement transcript. Use this field for documentation purposes only.

If you select a Condition Process Type of *User Programmable Condition* and a Condition Process Identifier selected is *External Degree Check* or *Internal Degree Check*, then you must select a Degree.

Degree Enter the degree that must be obtained to satisfy the condition line.

If you select a Condition Process Type of *Standard Condition* and a Condition Code of *Test Score*, additional fields become available.

Test ID	Select a Test ID from those defined on the Define Advisement Tests page.
Test Component	The selection options are based on the Test ID selected.
Condition Operator	Identifies what type of comparison is to be applied to the condition data. Possible condition operators include: None, Less or Equal, Greater or Equal, Equal, Greater Than, Less Than, and Not Equal. Make sure that you use an operator that makes sense in the equation. Values for this field are delivered with your system as translate values. Do not modify these values. Any modifications to these values require a substantial programming effort.
Test Score	Enter a score required for the test component and condition operator selected.

Months Valid	The value indicates the number of months for which a test score is valid. An empty (blank) field is interpreted to mean that the test is always valid. This field is available for editing based on the setup on the Define Tests for Advisement page.
Test Score Method	<p>The method works with the Months Valid value. For example, if you select the method of <i>Highest Score</i>, the system uses the highest test score within the valid number of months. Values are:</p> <p><i>Average of All Scores Taken:</i> Select to have the advisement engine average scores when it processes the tests for a precondition or condition in an academic requirement or requirement group.</p> <p><i>First Test Taken:</i> Select to have the advisement engine use the test score with the earliest date when it processes the tests for a precondition or condition in an academic requirement or requirement group.</p> <p><i>Highest Score:</i> Select to have the advisement engine use the highest score for a given test when it processes the tests for a precondition or condition in an academic requirement or requirement group.</p> <p><i>Last Test Taken:</i> Select to have the advisement engine use the score from the date of the last test taken when it processes the tests for a precondition or condition in an academic requirement or requirement group.</p> <p><i>Lowest Score:</i> Select to have the advisement engine use the lowest score for a given test when it processes the tests for a precondition or condition in an academic requirement or requirement group.</p>

When you select the Calculate Test Score check box, other fields become available so that you can define the details of the calculation to be performed when the dynamic condition is used in an academic requirement or academic requirement group.

Test Component Taken Option	This field appears in the Condition Details group box only when the Calculate Test Score check box is selected. Valid values are: <i>Tests Taken on Different Dates</i> and <i>Tests Taken on Same Date</i> .
Test ID	This field appears in the Condition Details group box only when the Calculate Test Score check box is selected. These prompt from the Test IDs defined on the Define Advisement Tests page.
Condition Operator	<p>This field appears in the Condition Details group box only when the Calculate Test Score check box is selected.</p> <p>The field identifies what type of comparison is to be applied to the condition data. Possible condition operators include: <i>None</i>, <i>Less or Equal</i>, <i>Greater or Equal</i>, <i>Equal</i>, <i>Greater Than</i>, <i>Less Than</i>, and <i>Not Equal</i>. Make sure that you use an operator that makes sense in the equation. Values for this field are delivered with your system as translate values. Do not modify these values. Any modifications to these values require a substantial programming effort.</p>
Calculation Method	This field appears in the Condition Details group box only when the Calculate Test Score check box is selected. Valid values are: <i>Average of the Components</i> and <i>Sum of the Components</i> .

Score Required	This field appears in the Condition Details group box only when the Calculate Test Score check box is selected. Enter a valid score required as it relates to the values selected in the preceding fields.
Months Valid	This field appears in the Condition Details group box only when the Calculate Test Score check box is selected. This field is available for editing based on the setup on the Define Tests for Advisement page. The value indicates the number of months for which a test score is valid. An empty (blank) field is interpreted to mean that the test is always valid.
Test Score Method	<p>The method works with the Months Valid value. For example, if you select the method of <i>Highest Score</i>, the system uses the highest test score within the valid number of months. This field appears in the Condition Details group box only when the Calculate Test Score check box is selected. Values are:</p> <p><i>Average of All Scores Taken:</i> Select to have the advisement engine average scores when it processes the tests for a precondition or condition in an academic requirement or requirement group.</p> <p><i>First Test Taken:</i> Select to have the advisement engine use the test score with the earliest date when it processes the tests for a precondition or condition in an academic requirement or requirement group.</p> <p><i>Highest Score:</i> Select to have the advisement engine use the highest score for a given test when it processes the tests for a precondition or condition in an academic requirement or requirement group.</p> <p><i>Last Test Taken:</i> Select to have the advisement engine use the score from the date of the last test taken when it processes the tests for a precondition or condition in an academic requirement or requirement group.</p> <p><i>Lowest Score:</i> Select to have the advisement engine use the lowest score for a given test when it processes the tests for a precondition or condition in an academic requirement or requirement group.</p>
Condition Line Sequence	Appears by default, starting with the number 1. Each condition line must have a unique condition line sequence value.
Test Component	This field appears in the Condition Lines group box only when the Calculate Test Score check box is selected. The selection options are based on the Test ID selected.
Minimum Score	This field appears in the Condition Lines group box only when the Calculate Test Score check box is selected. Enter the minimum acceptable score for the test component identified for the condition line sequence.

Defining Custom Conditions

This section provides an overview of custom conditions and discusses how to define custom condition processes.

Understanding Custom Conditions

A condition table provides a solid structure for condition expansion, including condition processes. You can create custom conditions based on demographic data and existing student record data, as well as criteria such as eligibility to enroll, completion of a specific test, or some unique combination of conditions required for enrollment in a specific course.

Because only certain conditions (such as GPA, student group, academic plan, academic program, milestone, and external and internal degree) are delivered with Academic Advisement, you can create additional conditions as needed.

Every institution can create unique conditions to meet specific needs. For example, you might need to establish a minimum age requirement for a wine tasting course by creating a condition based on minimum age and attaching that condition to an enrollment requisite for the wine tasting course. As another example, a custom condition might verify that a student is not only in a program, but eligible to enroll in that program.

Your programmer can write a new Cobol program to set up customized processes using this table. The person who writes the program should be experienced in how PeopleSoft software handles Cobol. Pass parameters entering the custom program using the copybook SRCUCOND. (The bind and select variables in the stored statements must also match, otherwise the program stops running, usually with a remote call error.) The only values that you pass to the custom program are condition status, condition status message, condition code, condition effective date, and condition line sequence number. The custom program should only return the condition truth value, either T or F. Here is the actual Cobol code from SRCUCOND.cbl:

```
02 COND-STATUS          PIC X(01) .
02 COND-STATUS-MESSAGE PIC X(50) .
02 COND-STATUS-SPEC     PIC X(06) .
02 EFFDT                PIC X(10) .
02 COND-LINE-SEQ        PIC S9(04) .
02 COND-TRUTH-VALUE     PIC X(01) .
    88 COND-TRUE  VALUE 'T'
    88 COND-FALSE VALUE 'F'
```

If you need any other values, they must be linked to the custom program as an external copybook. Here is the code from the custom program SRPCU001.cbl that shows how the ID was passed into the custom program:

```
01 CADAE  EXTERNAL.  COPY SRCCADAE .

LINKAGE SECTION

01 SQLRT.  COPY PTCSQLRT .

01 CUSR1.  COPY SRCUCOND .

PROCEDURE DIVISION USING  SQLRT

    CUSR1 .
```

Depending on the condition that you want to create, you may want to copy the external array SRCCACDD into the working storage area of the new condition program. If you copy the external array SRCCACDD into the working storage area, it should look like this:

```
01 CACDD EXTERNAL. COPY SRCCACDD.
```

Note. The linkage section should look like that of the three demo programs: SRPCUSR1, SRPCUSR2, and SRPCUSR3.

The linkage section and procedure division should look like this:

```
LINKAGE SECTION

01 SQLRT. COPY PTCSQLRT.

01 CUSR1. COPY SRCUCOND.

PROCEDURE DIVISION USING SQLRT,

    CUSR1.
```

Note. Do not copy external arrays other than SRCCACDD into working storage, because other parameters may be modified in future releases. However, information in array SRCCACDD is to be supported in future releases.

To create custom conditions:

1. With the assistance of a developer, create a customized process.
2. Create a new condition process identifier using the Define Condition Processes page.

Enter the effective date, status, descriptions, logical process type, logical name, process key format, and requirement key count (if appropriate) for the condition process identifier.
3. Use this condition process identifier as a user programmable condition on the Define Dynamic Condition page.

Set up the condition line sequence detail as appropriate. The fields that are available for your entry in the Condition Line Details group box depend on the process key format value that you selected on the Define Condition Processes page. Also, the number of condition line detail sequences that you define must correspond with the required key count that you identified on the Condition Processes page.

Page Used to Set Up Custom Conditions

<i>Page Name</i>	<i>Definition Name</i>	<i>Navigation</i>	<i>Usage</i>
Define Condition Processes	CONDITION_PROC_TBL	Academic Advisement, Academic Requirements, Define Condition Processes	Establish custom condition processes.

Defining Custom Condition Processes

Access the Define Condition Processes page (Academic Advisement, Academic Requirements, Define Condition Processes).

Define Condition Processes

Find | View All 1 of 1

Condition Process Identifier: 0001

*Effective Date: 01/01/1900

*Status: Active

*Description: Milestone Check

Short Description: Milestone

*Logical Process Type: Cobol Process

*Logical Name: SRPCUSR1

*Process Key Format: TYP2 Milestone Key

Ignore Key Count

Define Condition Processes page

To create a custom condition, establish a new condition process identifier that you use to create a new condition specification. Once you create a condition specification, it may be referenced as a precondition or condition requirement by academic and enrollment requirements, as well as academic and enrollment requirement groups.

Condition Process Identifier An arbitrary number that is unique for each condition process identifier. You can use this condition process identifier as a precondition or condition requirement.

Note. These condition process identifiers are delivered with the system: 0001 Milestone Check, 0002 Internal Degree Check, and 0003 External Degree Check. Delivered field values are numbered from 1 through 500. Added values should be numbered above 500.

Effective Date The latest effective date that you entered for the condition process identifier is used during analysis.

Description and Short Description Enter descriptions for the condition process identifier that you want to establish. None of these values appear on the audit reports. These fields are used for documentation purposes only.

Logical Process Type Select the process. Currently, the only field value available is *Cobol Process*.

Logical Name Enter the logical name of the program that is called for this specific condition process identifier.

Process Key Format

Select the process key format that controls what fields are available on the Define Dynamic Condition page. This field value also determines which logical name is called. Values are:

TYP1 Program Key: Provides the keys (values) needed to run the program. This is the default value.

TYP2 Milestone Key: Provides the keys (values) needed to define and validate a milestone.

TYP3 Internal Degree: Provides the keys (values) needed to define an internal degree as required.

TYP4 External Degree: Provides the keys (values) needed to define an external degree as required.

Ignore Key Count

Select if the number of key values (or rows) on the Define Dynamic Condition page is irrelevant. The Required Key Count field becomes unavailable for edit.

Required Key Count

Enter the number of key values (or rows) that must be entered in the Condition Line Details group box on the Define Dynamic Conditions page. If you do not enter a key count value, then no entries are permitted. For example, suppose that the required key count is 4, then there must be four rows (condition line detail sequences) on the corresponding Define Dynamic Condition page.

Chapter 14

Maintaining Academic Advisement Setup Data

This chapter lists prerequisites and discusses how to:

- Produce an Advisement Group Summary report.
- Produce a Database Tables report.
- Produce Entity Group Table and Condition Table reports.
- Produce a Requirement Advisement report.
- Produce a Reverse Engineering report.

Prerequisite

Before you produce setup data reports, you must set up academic advisement data in your system.

See Also

[Chapter 4, "Setting Up Academic Course Lists," page 29](#)

[Chapter 5, "Setting Up Academic Requirements," page 43](#)

[Chapter 6, "Setting Up Academic Requirement Groups," page 111](#)

[Chapter 13, "Creating and Using Expanded Conditions and Custom Conditions," page 205](#)

Producing an Advisement Group Summary Report

This section provides an overview of the Advisement Group Summary report and discusses how to generate the report.

Understanding the Advisement Group Summary Report

The advisement group summary report lists the contents (or structure) of a specific academic requirement group or all of the academic requirement groups that meet the criteria established for the report. This report is an easy way to verify the academic requirement groups for any academic program or plan. For example, suppose that you need a printout of all the academic requirement groups that are defined for an undergraduate psychology major, you can run this report.

While preparing to print this report, you can request that the requirements, lines, and courses be summarized in generalized terms or in specific detail. The parameters that you define for the requirement advisement report appear on the report.

Here's how to create an Advisement Group Summary report:

1. Enter the academic requirement group or enter other general parameters and print options on the Advisement Group Summary Report page.
2. Click the Run button to process the report.

Page Used to Produce an Advisement Group Summary Report


<i>Page Name</i>	<i>Definition Name</i>	<i>Navigation</i>	<i>Usage</i>
Advisement Group Summary	RUNCTL_SRGRPADV	Academic Advisement, Advisement Reports, Academic Requirement Group	Request a report detailing all of the requirements contained in a specific requirement group or all of the requirement groups that meet the criteria that you established on this page.


Generating an Advisement Group Summary Report


Access the Advisement Group Summary page (Academic Advisement, Advisement Reports, Academic Requirement Group).


Advisement Group Summary


Run Control ID: TEST [Report Manager](#) [Process Monitor](#) Run


*As of Date: 


Requirement Usage:  Academic Advisement


Requirement Group: 

Academic Institution:  PeopleSoft University

Academic Career:  Undergraduate


Academic Program:  Liberal Arts Undergraduate


Academic Plan:  Psychology


Academic Sub-Plan: 


Honor Blank Values:

Description Options

Print Group Level: 

Print Requirement Level: 

Print Line Level: 


Print Course Level: 

Detail Options

Print Group Level

Print Requirement Level

Print Line Level

Course List Detail Level: 

Advisement Group Summary page

The advisement group summary report lists the contents (or structure) of a specific requirement group or all of the requirement groups that meet the criteria established for the report. This report is an easy way to verify the requirement groups for any academic program or plan. For example, you need a printout of all the requirement groups that are defined for an undergraduate psychology major, you can run this report.

While preparing to print this report, you can request that the groups, requirements, lines, and courses be summarized in generalized terms or in specific detail. The parameters that you define for the summary report appear on the report.

Run Control ID Identifies the report request. You can use any alphanumeric combination.

As of Date	The advisement group summary report accurately reflects the requirements that are contained in the specified requirement group (or requirement groups that meet the search criteria) as of this date. (The current date appears by default, but you can modify it.) A value in this field is required.
Requirement Group	<p>Enter the requirement group number that is the subject of this report. Each requirement group consists of detail lines pointing to conditions, courses, and requirements as well as parameters that include unit and course requirements.</p> <p>If you enter a requirement group number, then the remaining fields on the page become unnecessary and are eliminated from the page. The institution, career, program, plan, sub-plan, and requirement usage are automatically contained within the specified requirement group. If you do not enter a requirement group number, these fields remain on the page and are used to identify the requirement groups that satisfy the search criteria.</p>
Academic Institution	<p>Enter the academic institution. Each requirement group is associated with one academic institution only. A value in this field is required.</p> <hr/> <p>Important! The Academic Career, Academic Program, Academic Plan, and Academic Sub-Plan fields on this page are used for analysis purposes. These fields are not just prompt values. Because fields are analyzed in a hierarchical order, appropriate field values are system-supplied. For example, suppose that you enter an academic program, the appropriate Academic Career field value is automatically supplied by the system. If any of these fields are left blank, the report will contain <i>all</i> careers, programs, plans, and sub-plans that satisfy the search criteria.</p> <hr/>
Academic Career	Enter the academic career that is affected by the requirement groups.
Academic Program	Enter the academic program that is contained within the academic career.
Academic Plan	Enter the academic plan that is an area of study (for example, major or minor) within the academic program.
Academic Sub-Plan	Enter the academic subplan that is a further specialization within the academic plan.
Requirement Usage	<p>Indicates how the system uses the requirement groups in the academic advisement process. Values are:</p> <p><i>None:</i> Indicates that the field is not used as a limiting parameter. This value appears by default.</p> <p><i>Academic Advisement:</i> Indicates that requirement groups with a usage of academic advisement are included in the report.</p> <p><i>Student Individualized Plan:</i> Indicates that requirement groups with a usage of student individualized plan are included in the report.</p> <p>Values for this field are delivered with your system as translate values. Do not modify these values. Any modifications to these values require a substantial programming effort.</p>

Honor Blank Values

Select if blank fields on this page represent actual values. This check box is clear by default. For example, suppose that the check box is selected and the Academic Program field is left blank, then the report will not contain requirement groups with an academic program because no program has been specified. If the check box is clear, the blank field acts as a wildcard and every requirement group with an academic program in the specified career is included in the report.

Note. The Honor Blank Values check box does not affect the Requirement Usage field.

Description Options

These fields enable you to control how descriptions are presented in the summary report. If you leave any field values blank, then the system creates the report using the *Standard* selection option.

Print Group Level

Select the print group level that governs the type of requirement group description that is included in the report. Values are:

All: Indicates that all of the descriptions (search description, long description, report description, and report long description) on the Requirement Group page print on the report.

Catalog: Indicates that the report long description on the Requirement Group page prints on the report.

Excerpt Cat: Indicates that all of the descriptions on the Requirement Group page print on the report.

Long: Indicates that the long description and the report long description on the Requirement Group page print on the report.

Standard: Indicates that the search description and the report description on the Requirement Group page print on the report. This value appears by default.

Values for this field are delivered with your system as translate values. Do not modify these values. Any modifications to these values require a substantial programming effort.

Print Requirement Level

Enter the print requirement level that governs the type of requirement description that is included in the report. Values are:

All: Indicates that all five of the descriptions (search, short search, report, long, and report long descriptions) on the Requirement page print on the report.

Long: Indicates that the long description and the report long description on the Requirement page print on the report.

Standard: Indicates that the search description and report description on the Requirement page print on the report. This value appears by default.

Values for this field are delivered with your system as translate values. Do not modify these values. Any modifications to these values require a substantial programming effort.

Print Line Level

Select the print line level that governs the type of line description that is included in the report. Values are:

All: Indicates that all five of the descriptions (search descriptions, the long description, and the two report descriptions) on the Requirement Line Item page print on the report.

Long: Indicates that the long description and the report long description on the Requirement Line Item page print on the report.

Standard: Indicates that the search description and the report description on the Requirement Line Item page print on the report. This value appears by default.

Values for this field are delivered with your system as translate values. Do not modify these values. Any modifications to these values require a substantial programming effort.

Print Course Level

Select the print course level that governs the type of course description that is included in the report. Values are:

All: Indicates that all of the descriptions on the Course List Description page print on the report.

Long: Indicates that the long description on the Course List Description page prints on the report.

Standard: Indicates that the description on the Course List Description page prints on the report. This value appears by default.

Values for this field are delivered with your system as translate values. Do not modify these values. Any modifications to these values require a substantial programming effort.

Detail Options

Enables you to control how details are presented in the summary report.

Print Group Level

Select to print the requirement group detail on the report. If the check box is clear, no group detail prints.

Print Requirement Level

Select to print the requirement detail on the report. If the check box is clear, no requirement detail prints.

Print Line Level

Select to print the line detail on the report. If the check box is clear, no line detail prints.

Course List Detail Level

Select how the course list detail should appear in the report. Values are:

None: Converts to *List and Courses*.

List and Courses: Indicates that the course list, plus specific courses print on the report. This value appears by default.

List and Courses with Detail: Indicates that the course list, plus specific courses with detail print on the report.

List Only: Indicates that only the course list prints on the report.

List Only with Detail: Indicates that the course list with detail prints on the report.

Values for this field are delivered with your system as translate values. Do not modify these values. Any modifications to these values require a substantial programming effort.

Producing a Database Tables Report

Create a Database Table report to retrieve all of the data stored in each academic advisement table for a specific student on a specific date.

Here's how to create a Database Tables report:

1. Specify the as of date, ID, and report type on the Database Tables Report page.

Leave the ID and Report Type fields blank for the system to return all of the values (wild card).

2. Click the Run button to process the report.

This section lists prerequisites and discusses how to enter database table information.

Prerequisite

Before you can run the Database Tables report, you must first populate the database tables by running a transcript with the report format of analysis database for the student or group of students in whom you are interested.

Page Used to Produce a Database Tables Report

Page Name	Definition Name	Navigation	Usage
Database Tables Report	RUNCTL_SRDBTBLS	Academic Advisement, Advisement Reports, Database Tables	Retrieve all of the data stored in each academic advisement table for a specific student on a specific date. Before creating a modified report, you can run this report to view the data that is available for the student. On any specific day, you can run one standard and one special report for the same student.

Entering Database Table Information

Access the Database Tables Report page (Academic Advisement, Advisement Reports, Database Tables).

Database Tables Report

Run Control ID: PSDF [Report Manager](#) [Process Monitor](#)

*As of Date: 

ID: 

Report Type: 

Database Tables Report page

As of Date The database tables report accurately reflects the contents of each academic advisement table for the designated student as of this date. This field value automatically populates to the current date, but you can modify it. A value in this field is required.

ID Enter the student's ID number.

Report Type Enter the report. Values are:
SPC (special): Indicates a special advising report using a special requirement usage.
STD (standard): Indicates a standard advising report.

Producing Entity Group Table and Condition Table Reports

Entity groups are like items (programs, plans, subplans, or student groups) that you bundle together and use in a degree requirement. For example, you may create a degree requirement that asks that all undergraduate students to take a physical education course except (the entity of) athletes and students in ROTC. Such entities appear in the report. Dynamic conditions work similarly. They are conditions that you define and use in a degree requirement. For example, you might have a degree requirement that asks art majors to submit an art portfolio. In this example, the portfolio is a condition for graduating. The condition then appears on the Condition Table report.

Create the Entity Group Table report or the Condition Table report to review the various condition data set up for a specific institution, as of a particular date.

Here's how to produce an Entity Group Table or Condition Table report:

1. Select the as of date and institution on the Entity Group Table and Condition Table Reports page for which you want to report conditions.
2. Click the Run button.
3. Select either the Condition Table Report or the Entity Group Table Report process to specify the report type.
4. Click the OK button to process the report.

Page Used to Produce Entity Group Table and Condition Table Reports

<i>Page Name</i>	<i>Definition Name</i>	<i>Navigation</i>	<i>Usage</i>
Entity Group Table and Condition Table Reports	RUNCTL_SRMISRPT	Academic Advisement, Advisement Reports, Miscellaneous Reports	<p>Process one of two academic advisement administrative reports: the Entity Group Table report and the Condition Table report.</p> <p>The Entity Group Table report lists all of the entity groups for the institution based on the as of date that you enter.</p> <p>The Condition Table report lists all of the dynamic conditions for the institution based on the as of date that you enter.</p>

Entering Entity Group and Condition Report Parameters

Access the Entity Group Table and Condition Table reports page (Academic Advisement, Advisement Reports, Miscellaneous Reports).

- Run Control ID** Identifies the report request. You can use any alphanumeric combination.
- As of Date** The report accurately reflects the retrieved information as of this date. This field value automatically populates to the current date, but you can modify it. A value in this field is required.
- Institution** The institution for which you want to report.

Producing a Requirement Advisement Report

The Requirement Advisement report lists the contents (or structure) of a specific academic requirement or all of the academic requirements that meet the criteria established for the report. This report is an easy way to verify the academic requirements for any academic program or plan. For example, if you need a printout of all of the academic requirements that are defined for an undergraduate psychology major, you can run this report.

While preparing to print this report, you can request that the requirements, lines, and courses be summarized in generalized terms or in specific detail. The parameters that you define for the requirement advisement report appear on the report.

Here's how to create a Requirement Advisement report:

1. Select the academic requirement or enter other general parameters and print options on the Requirement Advisement Report page.
2. Click the Run button to process the report.

Page Used to Create a Requirement Advisement Report


<i>Page Name</i>	<i>Definition Name</i>	<i>Navigation</i>	<i>Usage</i>
Requirement Advisement Report	RUNCTL_SRRQRADV	Academic Advisement, Advisement Reports, Academic Requirement	Process a report detailing a specific requirement or all of the requirements that meet the criteria that you established on this page.


Defining the Requirement Advisement Report Parameters


Access the Requirement Advisement Report page (Academic Advisement, Advisement Reports, Academic Requirement).


Requirement Advisement Report


Run Control ID: PSDF [Report Manager](#) [Process Monitor](#) Run


*As of Date: 


Requirement Usage:  Academic Advisement


Academic Requirement: 

Academic Institution:  PeopleSoft University

Academic Career: 


Academic Program: 


Academic Plan: 


Academic Sub-Plan: 

Honor Blank Values

Description Options

Print Requirement Level: 


Print Line Level: 

Print Course Level: 

Detail Options

Print Requirement Level

Print Line Level

Course List Detail Level: 

Requirement Advisement Report page

Run Control ID	Identifies the report request. You can use any alphanumeric combination.
As of Date	The requirement advisement report accurately reflects the specific requirement (or requirements that meet the search criteria) as of this date. The current date appears by default, but you can modify it. A value in this field is required.
Academic Requirement	Enter the academic requirement that is the subject of this report. Each requirement consists of detail lines pointing to conditions and courses, as well as parameters that include unit and course requirements.
Academic Institution	Each requirement is associated with only one academic institution. A value in this field is required.

Important! The Academic Career, Academic Program, Academic Plan, and Academic Sub-Plan fields on this page are used for analysis purposes. These fields are not just prompt values. Because fields are analyzed in a hierarchical order, appropriate field values are system-supplied. For example, suppose that you enter an academic program, the appropriate academic career field value is automatically supplied by the system. If any of these fields are left blank, the report will contain *all* careers, programs, plans, and sub-plans that satisfy the search criteria.

Academic Career	Enter the academic career that is affected by the requirements.
Academic Program	Enter the academic program that is contained within the academic career.
Academic Plan	Enter the academic plan that is an area of study (for example, major or minor) within the academic program.
Academic Sub-Plan	Enter the academic sub-plan that is a further specialization within the academic plan. A value in this field is optional.
Honor Blank Values	Select if the blank fields on this page represent actual values. The default is clear. For example, if you select the check box and leave the Academic Program field blank, then the report will not contain an academic program, because no program has been specified. If the check box is clear, the blank field acts as a wildcard and every academic program in the specified career will be included in the report.

Description Options

This page enables you to control how you present descriptions in the report.

Print Course Level	<p>Select the print course level that governs the type of course description that is included in the report. Values are:</p> <p><i>All:</i> Indicates that all of the descriptions on the Course List Description page print on the report.</p> <p><i>Long:</i> Indicates that the long description on the Course List Description page prints on the report.</p> <p><i>Standard:</i> Indicates that the description on the Course List Description page prints on the report. This value appears by default.</p> <p>Values for this field are delivered with your system as translate values. Do not modify these values. Any modifications to these values require a substantial programming effort.</p>
---------------------------	--

Print Line Level

Select the print line level that governs the type of line description that is included in the report. Values are:

All: Indicates that all five of the descriptions (search descriptions, the long description, and the two report descriptions) on the Requirement Line Item page print on the report.

Long: Indicates that the long description and the report long description on the Requirement Line Item page print on the report.

Standard: Indicates that the search description and the report description on the Requirement Line Item page print on the report. This value appears by default.

Values for this field are delivered with your system as translate values. Do not modify these values. Any modifications to these values require a substantial programming effort.

Print Requirement Level

Enter the print requirement level that governs the type of requirement description that is included in the report. Values are:

All: Indicates that all five of the descriptions (search, short search, report, long, and report long descriptions) on the Requirement page print on the report.

Long: Indicates that the long description and the report long description on the Requirement page print on the report.

Standard: Indicates that the search description and report description on the Requirement page print on the report. This value appears by default.

Values for this field are delivered with your system as translate values. Do not modify these values. Any modifications to these values require a substantial programming effort.

Detail Options

Enables you to control how details are presented in the summary report.

Print Line Level

Select to print the line detail on the report. If the check box is clear, no line detail prints.

Print Requirement Level

Select to print the requirement detail on the report. If the check box is clear, no requirement detail prints.

Course List Detail Level

Select how the course list detail should appear in the report. Values are:

None: Converts to *List and Courses*.

List and Courses: Indicates that the course list, plus specific courses print on the report. This value appears by default.

List and Courses with Detail: Indicates that the course list, plus specific courses with detail print on the report.

List Only: Indicates that only the course list prints on the report.

List Only with Detail: Indicates that the course list with detail prints on the report.

Values for this field are delivered with your system as translate values. Do not modify these values. Any modifications to these values require a substantial programming effort.

Producing a Reverse Engineering Report

Use the Reverse Engineering Report page to search for a requirement, course, course list, or condition that the system is using. You can search to find out which requirement group contains a specific requirement; which course list contains a specific course; which requirement contains a specific course list; and which requirement group, requirement, or requirement line contains a specific condition.

The reverse engineering reports include enrollment and academic advisement requirement groups, requirements, and course lists.

Here's how to produce a Reverse Engineering report:

1. Enter the report type and any other general parameters on the Reverse Engineering Report page.
2. Click the Run button to process report.

Pages Used to Produce a Reverse Engineering Report

Page Name	Definition Name	Navigation	Usage
Reverse Engineering Report	RUNCTL_SRREVENG	<ul style="list-style-type: none"> • Academic Advisement, Advisement Reports, Reverse Engineering • Curriculum Management, Enrollment Requirements, Reverse Engineering Report 	Enter the parameters that are to capture the data that you want to review. Select a report type to enable the page to display the appropriate parameter fields.

Entering Reverse Engineering Report Parameters

Access the Reverse Engineering Report page (Academic Advisement, Advisement Reports, Reverse Engineering *or* Curriculum Management, Enrollment Requirements, Reverse Engineering Report).

Reverse Engineering Report

Run Control ID: PSDF [Report Manager](#) [Process Monitor](#) Run

*As of Date: *Report Type:

Course ID:

Subject Area:

Catalog Nbr:

Academic Group:

Select Course: Search

Reverse Engineering Report page

Run Control ID	Identifies the report request. You can use any alphanumeric combination.
As of Date	The reverse engineering report accurately reflects the requirements, courses, course lists, or conditions as of this date. The current date appears by default, but you can modify it. A value in this field is required.
Report Type	<p>Select the report type that indicates the subject of the search. Values are:</p> <p><i>Courses in Course Lists</i>: Indicates that a course is the subject of the search. This value appears by default.</p> <p><i>Conditions in RG, RQ, RQLN</i>: Indicates that a condition (or conditions) in a requirement group, requirement, or requirement line is the subject of the search.</p> <p><i>Course Lists in Requirements</i>: Indicates that a course list is the subject of the search.</p> <p><i>Requirements in REQ Groups</i>: Indicates that a requirement is the subject of the search.</p> <hr/> <p>Note. Depending on the value in the Report Type field, additional fields are available on this page.</p> <hr/>

Report Type of Courses in Course Lists

If the report type is *Courses in Course Lists*, the subject of the search is a course.

Course ID, Subject Area, and Catalog Nbr(catalog number) Enter the course ID, subject area, or catalog number plus for the course that are the basis of this search. Combinations of field values must make logical sense.

Important! Even if all of the field values are known in advance, you must click the Search button to run a report successfully.

Search

Click to retrieve available courses. If you click this button without entering a course ID, the system retrieves courses from all of the valid institutions. If your database contains more than one institution that uses similar subject areas and catalog numbers, be sure and select the appropriate course by course ID rather than catalog number.

Select Class

Click next to the course that you want to select. The course now appears on the Reverse Engineering Report page. The Academic Group field value appears.

Report Type of Conditions in RG, RQ, RQLN

If the report type is *Conditions in RG, RQ, RQLN*, the subject of the search is a condition (or conditions) in a requirement group, requirement, or requirement line.

Condition Code

Enter the condition code that indicates which field in the database is subject to this condition.

For example, *Academic Level*, *Academic Plan*, *Academic Program*, and *Academic Sub-Plan* are condition codes. *Academic Plan* and *Primary Academic Plan* reference the exact same plan when the student has one plan only.

Academic Program and *Primary Academic Program*: Reference the exact same program when the student has only one program.

Academic Plans and *Academic Programs*: Indicate that all of a student's plans and programs are part of the equation.

Academic Sub-Plans: Indicates that all of a student's sub-plans are part of the equation.

Dynamic Condition: Enables you to select one of the dynamic conditions that has been previously created in the Define Dynamic Condition component.

Student Groups: Indicates that all of the student groups containing a student are part of the equation.

Test Score: Enables you to identify a test ID, test component, condition operator, and test score.

Values for this field are delivered with your system as translate values. Do not modify these values. Any modifications to these values require a substantial programming effort.

Note. If the condition code is *Dynamic Condition*, then only the Condition Data field is available.

Condition Operator

Identifies what type of comparison is to be applied to the condition data. Possible condition operators include: *None*, *Less or Equal*, *Greater or Equal*, *Equal*, *Greater Than*, *Less Than*, *Not Equal*, *In*, and *Not In*. Make sure that you use an operator that makes sense in the equation. Values for this field are delivered with your system as translate values. Do not modify these values. Any modifications to these values require a substantial programming effort.

Ignore Condition Operator

Select if the Condition Operator field should be ignored when you run the report. The default is clear. For example, suppose that you select the check box, then the Condition Operator field becomes unavailable and all of the combinations of the specified condition code and condition data are reported. If the check box is clear, then the condition operator defines the relationship between the specified condition code and condition data.

Condition Data

Select the condition data that specifies the value that is subject to this condition code. For example, specific academic plans and programs, as well as dynamic conditions are condition data values. If the condition code is *Dynamic Condition*, then select a previously created dynamic condition from the prompt box.

Report Type of Course Lists in Requirements

If the report type is *Course Lists in Requirements*, the subject of the search is a course list.

Enter the course list number that is the basis for this report.

Report Type of Requirements in REQ Groups

If the report type is *Requirements in REQ Groups*, the subject of the search is a requirement.

Enter the requirement that is the basis for this report.

Chapter 15

Producing Academic Advisement Reports

This chapter provides an overview of academic advisement reports, lists prerequisites, and discusses and how to:

- Produce online academic advisement reports.
- Produce what-if reports.

Understanding Academic Advisement Reports

The advisement report is the degree audit report that reflects a student's progress towards graduation. This report is the core function of the Academic Advisement application. The report indicates whether the student has completed all of the requirements that the student needs to graduate or whether the student still needs to satisfy outstanding requirements.

A core function of Academic Advisement is the ability to generate an advisement report for a student, several students, or a group (batch) of students. The advisement report is the degree audit report that reflects a student's progress toward graduation. Depending on the setup of your report types, an advisement report may show not only courses taken, but also in-progress, planned, shopping cart, and what-if courses.

Using the what-if advising capabilities, you can run a simulated advisement report for a student that shows degree progress based on courses the student proposes to take. You can also run a simulated academic advisement report based on simulated careers, programs, plans, and subplans.

After you run the report process, you can view the results online as well as generate a .pdf view of the report. You can also print the results.

If you process a what-if report (course what-if, for example) the report reflects the what-if results accordingly. For example, the online report identifies the what-if course with a what-if icon and the delivered pdf report identifies the what-if course as a what-if type course.

Note. During the analysis process, the advisement engine does not recognize courses that you entered into the system using the Historical Course Enrollment page. Any historical courses that you entered into a student's record are used for record and history tracking purposes only.

Prerequisites

Before you can process advisement reports, you must:

- Select the Academic Advisement option on the Installation Student Administration page.

- Set up advisement report types.

See Also

PeopleSoft Campus Solutions 9.0 Application Fundamentals PeopleBook, "Reviewing Installation Setup and System Defaults"

Chapter 8, "Setting Up Advisement Report Types," page 165

Producing Online Academic Advisement Reports

This section discusses how to:

- Select general parameters.
- Add a what-if course.
- Select student and what-if data for processing.

Pages Used to Create an Online Academic Advisement Report

Page Name	Definition Name	Navigation	Usage
Report Request	SAA_RPT_RQST	Academic Advisement, Student Advisement, Request Advisement Report	Select the type of report and set other general parameters of the report request.
Report Request Log	SAA_RPT_RQST_LOG	Academic Advisement, Student Advisement, Request Advisement Report	Review report request messages.
Advisement Report Request - Course Search	SAA_CRSEWHIF_SRCH	Click the Add a What-If Course link on the Report Request page.	Select a subject and then search from the course catalog for a course to use during the what-if analysis.

Page Name	Definition Name	Navigation	Usage
Create What-If Scenario	SAA_STDNT_WHIF	<ul style="list-style-type: none"> Select the Use Career Simulation check box on the Report Request page. Then click the View/Change the Career Simulation link to access the Create What-If Scenario page, which you will use to set up the what-if scenario. Academic Advisement, Student Advisement, Create What-If Scenario 	Set up or review the what-if scenario for the student.

Selecting General Parameters

Access the Report Request page (Academic Advisement, Student Advisement, Request Advisement Report).

Report Request
Report Request Log

ID/Name	AA0003	Allison Brown	
Academic Institution	PSUNV	PeopleSoft University	
Report Type	PWHIF	What-if advisement report	
Date Processed		Report Status	Pending
*Report Date	<input type="text" value="11/26/2006"/>	*As of Date	<input type="text" value="01/01/3000"/>
*Report Identifier	<input type="text" value="ADMIN"/>	Administrative Request	

Actions

Process Request

▼ What-If Information

Use Career Simulation
View/Change the Career Simulation
[Add a What-If Course](#)

Report Request page

Report Date Displays today's date. This date indicates the date the report was requested.

As of Date	Enter the date for the report to reflect all of the relevant student data as of this date. To set the field default to the current date, leave the Transcript Default As of Date field blank on the Installation Student Administration page. A value in this field is required. This field is used to include or exclude future-dated programs, plans, subplans, conditions, and entity groups when you run an academic advisement report.
Report Identifier	Enter the report identifier (for example, ADMIN) from the Report Identifier table.

Actions

Click the Process Request button when you are ready to submit the request for processing.

View Report Click to view the report that was generated. This link appears on the page after the report request is processed.

View Report as PDF Click to view a .pdf version of the advisement report. This button appears on the page after the request is processed.

Printer Enter the path for your local postscript printer. This field appears on the page after the request is processed.

Send to Printer Click to send the report results to the designated printer. This button appears on the page after the request is processed.

What-If Information

Use Career Simulation Select to indicate that you want to set up a what-if scenario.

Note. You do not need to select this check box if you want to set up a course what-if scenario only.

If selected, the View/Change the Career Simulation link appears. Click to access the Student Career What-If page to create a what-if scenario.

Add a What-If Course

Click to access the Advisement Report Request - Course Search page.

You can use the Advisement Report Request - Course Search page to select a course that you want included in the degree audit.

Enter the courses in the order in which you want to simulate their being taken. The number of what-if courses you add has no limit. Click the Add a What-If Course link each time you want to add a what-if course to the setup. You must select a career, term, and then subject before executing the search.

After you have selected the course, subject, catalog number, units, requirement designation (if applicable), and topic ID (if applicable), these values appear on the Report Request page. You can change these values as desired. You can also enter a specific academic term. The more data you enter about the what-if course, the more accurately the degree audit can evaluate the what-if course.

Adding a What-If Course

Access the Advisement Report Request - Course Search page (Click the Add a What-If Course link on the Report Request page).

Advisement Report Request

Course Search

To select courses, first select a subject from the list. After selecting the Subject, click Execute the Search to display possible courses. Select the course to return and click OK or click Cancel to return without selecting a course.

Subject Psychology Execute the Search

	Course ID	Subject	Catalog	Description	
<input checked="" type="checkbox"/>	003000	PSYCH	100	Intro to Psychology	
<input checked="" type="checkbox"/>	003008	PSYCH	120	Psychopathology	
<input checked="" type="checkbox"/>	003010	PSYCH	124	Physiological Psychology	
<input checked="" type="checkbox"/>	003002	PSYCH	130	Adolescent Psychology	
<input checked="" type="checkbox"/>	003004	PSYCH	135	Psychology Stat I	
<input checked="" type="checkbox"/>	003012	PSYCH	136	Visual Thinking	
<input checked="" type="checkbox"/>	003006	PSYCH	140	Developmental Psych	
<input checked="" type="checkbox"/>	003014	PSYCH	180	Human Sexuality	
<input checked="" type="checkbox"/>	003016	PSYCH	210	Theories of Personality	
<input checked="" type="checkbox"/>	003020	PSYCH	220	Psychology of Motivation	

Advisement Report Request - Course Search page

After you enter the required information on the Report Request page and executes the search, the system returns course search results that match the career, term, and subject information. The course search results display the appropriate current row based on the start date of the selected term.

Subject Enter the subject.

Execute the Search Click to display a list of courses. Select the check box next to the required course, and then click the OK button. The course then appears on the Report Request page.

Selecting Student and What-If Data for Processing

Access the Create What-If Scenario page (Select the Use Career Simulation check box and then the View/Change Career Simulation link on the Report Request page).

Create What-If Scenario

ID/Name: AA0003 Allison Brown

Copy from student record: Copy

Program What-If Data View All First 1 of 1 Last

*Academic Institution	<input type="text" value="PeopleSoft University"/>	+ -
*Academic Career	<input type="text" value="Undergraduate"/>	+ -
*Career Requirement Term	<input type="text" value="0290"/> <input type="text" value="1997 Fall"/>	
*Requirement Term	<input type="text" value="0290"/> <input type="text" value="1997 Fall"/>	
Student Career Nbr	<input type="text" value="1"/>	
*Academic Program	<input type="text" value="LAU"/> <input type="text" value="Liberal Arts Undergraduate"/>	
AdmIsement Status	<input type="text" value="Include"/>	

Plan What-If Data View All First 1 of 1 Last

*Requirement Term	<input type="text" value="0290"/> <input type="text" value="1997 Fall"/>	+ -
*Academic Plan	<input type="text" value="PHIL-BA"/> <input type="text" value="Philosophy (BA)"/>	
Plan Sequence	<input type="text" value="10"/>	
AdmIsement Status	<input type="text" value="Include"/>	

Sub-plan What-If Data View All First 1 of 1 Last

*Requirement Term	<input type="text"/> <input type="text" value="1997 Fall"/>	+ -
*Academic Sub-Plan	<input type="text"/>	
Plan Sequence	<input type="text" value="10"/>	
AdmIsement Status	<input type="text"/>	

Create What-If Scenario page

Use this page to enter student and what-if data.

When you access the page, all fields are blank. To retrieve the student's existing record, click the Copy button. You can use these field values to build a program, plan, and subplan data. You can change field values and insert rows, as necessary.

Program What-If Data

Academic Career Enter the value for the what-if career.

Career Requirement Term Enter a what-if requirement term (catalog year) value for the career override. The system uses this value to select the correct effective-dated career-level requirement groups.

Requirement Term	Enter the what-if requirement term. The system uses this value to select the appropriate effective-dated plan-level requirement groups.
Student Career Number	Displays a number from the prompt page. The default value on this page is 1. You can change the student career number for use in the scenario.
Academic Program	Enter the academic program value that you want to use in the what-if degree audit. You can use one or many programs in the what-if scenario.
Advisement Status	Enter how the what-if program is evaluated in the what-if degree audit. Values are: <i>Include:</i> Indicates that the advisement status of the what-if program is included in the degree audit. <i>Do Not Include:</i> Indicates that the advisement status of the what-if program is not included in the degree audit. <i>Optional:</i> Indicates that the what-if academic program appears on the report but is not counted towards graduation.

Plan What-If Data

Requirement Term	Enter the requirement term for the what-if plan. The system uses this value to select the appropriate effective-dated plan-level requirement groups.
Academic Plan	Enter an academic plan for use in the what-if scenario. The system uses this value to select the correct effective-dated plan-level requirement groups.
Plan Sequence	Displays a sequence number. This sequential number is supplied by the system. This number indicates the order or sequence of multiple plans, if any. The plan with the lowest sequence number is considered primary within the program. You can override the number.
Advisement Status	Enter how the what-if plan is evaluated in the what-if degree audit. Values are: <i>Include:</i> Indicates that the advisement status of the what-if plan is included in the degree audit. <i>Do Not Include:</i> Indicates that the advisement status of the what-if plan is not included in the degree audit. <i>Optional:</i> Indicates that the what-if academic plan appears on the report but is not counted towards graduation.

Sub-plan What-If Data

Requirement Term	Enter the student's what-if starting term. Each requirement term has a begin and end date. The system uses these values to select the appropriate effective-dated plan-level requirement groups.
Academic Sub-Plan	Enter an academic subplan for use in the what-if scenario. The system uses this value to select the appropriate effective-dated subplan-level requirement groups.
Plan Sequence	Displays a sequence number. This sequential number is supplied by the system. This number indicates the order (or sequence) of multiple subplans, if any. The plan with the lowest sequence number is considered primary within the program. The user can override the number, if necessary.
Advisement Status	Enter how the what-if subplan is evaluated in the what-if degree audit. Values are: <i>Include:</i> Indicates that the advisement status of the what-if subplan is included in the degree audit. <i>Do Not Include:</i> Indicates that the advisement status of the what-if subplan is not included in the degree audit. <i>Optional:</i> Indicates that the what-if academic subplan appears on the report but is not counted towards graduation.

Click the OK button to save the page and return to the Report Request page. Click the Cancel button to exit the page without saving the what-if information on the page. Click the Apply button to save the page and continue working.

Chapter 16

Producing Academic Advisement Transcript Reports

This chapter provides an overview of online and batch advisement transcript reports and discusses how to:

- Produce an online academic advisement transcript report.
- Produce batch academic advisement transcript reports.
- Produce quick what-if and stored what-if advisement reports.
- Process self-service advisement reports.

Note. For samples of these reports, see the Portable Document Format (PDF) files published on CD-ROM with your documentation.

See Also

PeopleTools PeopleBook: PeopleSoft Process Scheduler

[Chapter 15, "Producing Academic Advisement Reports," page 239](#)

Understanding Online and Batch Advisement Transcript Reports

The advisement report is the degree audit report that reflects a student's progress towards graduation. This report is the core function of the Academic Advisement application. The report indicates whether the student has completed all of the requirements that the student needs to graduate or whether the student still needs to satisfy outstanding requirements.

The advisement report discussed in this chapter is a type of transcript. You can produce a report that includes or excludes the student's academic history (academic transcript). The transcript type that you specify at runtime determines which format the system uses (advisement or transcript).

Important! This chapter discusses advisement reports generated using the following components: Student Advisement Report (AA_RPT), Transcript Request Component (TSCRPT_RQST), Batch Transcript Request (RUNCTL_SR_TSBATCH), or View Degree Progress Report (SS_AA_REPORT). Refer to the chapters, Producing Academic Advisement Reports and Using Self Service Academic Advisement, to learn how to generate online advisement reports, including what-if reports, using other administrative and self-service components. In this PeopleBook, an academic advisement report (or advisement report) or academic advisement transcript report is also referred to as a degree progress report or degree audit report. An academic advisement transcript report typically refers to a report that includes the academic transcript, as well as the degree audit information.

See [Chapter 15, "Producing Academic Advisement Reports," page 239](#).

See *PeopleSoft Campus Self Service 9.0 PeopleBook*, "Using Academic Advisement Self Service."

The core function of Academic Advisement is the ability to generate an advisement report for a student, several students, or a group (batch) of students. You use different components depending on how many reports you want to produce. You can also store data in the analysis database.

After you run the report process, you can view the results online and print the results.

Note. During the analysis process, the advisement engine does not recognize courses that you entered into the system using the Historical Course Enrollment page. Any historical courses that you entered into a student's record are used for record and history tracking purposes only.

Prerequisites

Before you can process advisement reports, you must set up advisement transcript types in the Transcript Type (TSCRPT_TYPE) component.

Note. On the Basic Data page, where you define transcript types, select the Advising Report check box to designate the transcript type as an academic advisement transcript type unless you are running a special usage report. Only academic advisement transcript types result in academic advisement transcript reports.

Before students can run self-service advisement reports, designate at least one transcript type for self-service by selecting the Allow Student Self-Service check box on the Basic Data page.

Important! If you plan to use the advisement transcript, which is defined in the TSCRPT_TYPE component, then you must also define an advisement report type with that same name (ADVIP, for example) using the Define Advisement Report (SAA_RPT_TYPE) component. Otherwise, when you generate an advisement transcript report (using the AA_RPT component, for example), the system will not process degree audit report results for that student. Field values that you select on the SAA_RPT_TYPE component are ignored when generating the advisement transcript, with two exceptions: the effective date, and the program status.

Effective Date: The As of Date on the Request Detail page of the AA_RPT component recognizes the effective date of the advisement report type. If the effective date on the advisement report type is greater than the As of Date, then the system will not process degree audit report results for the student.

Program Status: You must identify within the SAA_RPT_TYPE component the program statuses that are valid for the transcript type. The system obeys valid program status values that you define on the Define Advisement Report component when you generate an advisement transcript report. For example, if you select *Active* as the only valid program status on the SAA_RPT_TYPE component, then the results for the corresponding advisement transcript do not include report results for a student if his program status is, for example, *Completed*.

Producing an Online Academic Advisement Transcript Report

This section discusses how to:

- Select the transcript type and general parameters.
- Select student and what-if data for processing.
- Specify send to information.
- View and print advisement report results.
- Check for report errors.

Pages Used to Create an Online Academic Advisement Transcript Report

<i>Page Name</i>	<i>Definition Name</i>	<i>Navigation</i>	<i>Usage</i>
Request Header	SA_REQUEST_HEADER	<ul style="list-style-type: none"> • Academic Advisement, Student Advisement, Student Advisement Report, Request Header • Records and Enrollment, Transcripts, Transcript Request, Request Header 	Select the type of transcript and set other general parameters of the report request.
Request Detail	SA_REQUEST_DETAIL	Academic Advisement, Student Advisement, Student Advisement Report, Request Detail	Select a student ID and, as necessary, what-if options.

Page Name	Definition Name	Navigation	Usage
Send To Information	SA_REQUEST_DTL_SEC	Click the Send button on the Request Detail page.	Specify the recipient to whom you want to mail the advisement report.
Report Results	SA_REPORT_RESULTS	<ul style="list-style-type: none"> Academic Advisement, Student Advisement, Student Advisement Report, Report Results Records and Enrollment, Transcripts, Transcript Request, Report Results 	View the results of your transcript request process. Depending on the transcript type, you may see a transcript only, a transcript and an audit report, or only an audit report.
Report Errors	SA_REQ_REPORT_ERR	<ul style="list-style-type: none"> Academic Advisement, Student Advisement, Student Advisement Report, Report Errors Records and Enrollment, Transcripts, Transcript Request, Report Errors 	View the reporting errors. If the Report Results page is blank or incomplete after you click the Process Request button on the Request Detail page or the word <i>Errors</i> rather than <i>Successful</i> appears next to the Print button, check this page. All of the report errors are described in detail in the Message Text field.

Selecting the Transcript Type and General Parameters

Access the Request Header page (Academic Advisement, Student Advisement, Student Advisement Report, Request Header *or* Records and Enrollment, Transcripts, Transcript Request, Request Header).

Request Header	Request Detail	Report Results	Report Errors
Report Request Nbr: 000000917 Request Date: 08/26/1999 User ID:			
<hr/>			
*Institution:	PSUNV	PeopleSoft University	
*Transcript Type:	ADVIP	Advisement Transcript	
	<input type="checkbox"/>	Freeze Record	
	<input type="checkbox"/>	Override Service Indicator	
<hr/>			
*Output Destination:	Page		
Number of Copies:	<input type="checkbox"/>		
Future Release:	Immediate Processing		
Academic Career:	<input type="checkbox"/>		
Term:	<input type="checkbox"/>		
Print Date:	10/13/2004		
Request Reason:			
	<input type="checkbox"/>	Cancel Request	
<hr/>			
*Report Format			
Standard Report Format		<input type="button" value="+"/>	<input type="button" value="-"/>

Request Header page

Report Request Nbr (report request number) Displays the identification number for this report request .

Request Date and **User ID** Displays system-supplied values. The request date reflects the date that the report was requested. The user ID identifies the person who requested the report.

Institution Enter the institution to which both the transcript type data and the students that you process are associated.

Transcript Type

Enter the type of transcript (for example, advising) that you want to process. You created transcript types using the Transcript Type component. Degree audit information displays only on transcript types for which you selected the Advising Report check box on the Basic Data page.

You can use a special usage value as an academic advisement transcript type.

See [Chapter 3, "Setting Up Optional Advisement Data," Setting Up Special Requirement Usage Values, page 19.](#)

Note. Any modified usage value can be associated with a transcript type and then entered in the Transcript Type field. Modified usage values are established on the Requirement Usage page and attached to a transcript type on the Basic Data page. These values are effective-dated and match the student's requirement term.

Freeze Record

Select to prevent this request from being purged during a subsequent transcript purge process.

Override Service Indicator

Select to have the system ignore student-specific service indicators when you process the request. If this check box is not selected, then service indicators are evaluated.

For instance, some service indicators prevent a student from receiving a transcript.

See *PeopleSoft Campus Community 9.0 Fundamentals PeopleBook*, "Managing Service Indicators."

Output Destination

Select the output destination of the transcript. This value determines where the system sends the electronic results of the process. Values for this field are delivered with your system as translate values. Do not modify these values in any way. Any modifications to these values will require a substantial programming effort. Values are:

Page: Sends the transcripts to the Report Results page to be viewed online before printing. You can then click the Print button to initialize Crystal, where you can view and print transcripts using a new window.

Printer: Like the *Page* option, sends the transcripts to the Report Results page to be viewed online before printing. You can then click the Print button to initialize Crystal, where you can view and print transcripts using a new window.

Values for this field are delivered with your system as translate values. Do not modify these values. Any modifications to these values require a substantial programming effort.

Number of Copies

Enter the number of copies that you require. When the output destination is *Printer*, the default value of *1* also serves as the default value on the Request Detail page. On the Request Detail page, you can override this value on a student-by-student basis.

Note. The Number of Copies and Print Date fields are available only if the Output Destination field value is *Printer*.

Future Release

Select the future release value that triggers when the system processes the transcript request through a batch generation process running in the background. Values are:

Immediate Processing: Indicates that no specific future release transcript request exists.

Degree Confer Date: Indicates that when the degree is conferred, a transcript or degree audit is produced. The Career and Term fields become available for entry.

Grades Post: Indicates that when a fully graded date is reached, a transcript or degree audit is produced. The Career and Term fields become available for entry.

Specific Date: Indicates that a transcript request is produced on the user-specified date.

Hold: Indicates that the production of a transcript or degree audit is on hold. A report is not produced until you click the Process Request button on the Request Detail page.

For example, this field value could be used if transfer work is due to be received for a student. An advisor could set up the parameters for a transcript or degree audit report and wait until all of the work has been posted before running the report.

Transfer Credit Post: Indicates that a transcript request is produced when transfer credit is posted.

Academic Career

Displays the academic career in which the future release is valid. The field is available when you enter a future release value of *Degree Confer Date* or *Grades Post*.

Term

Enter the term in which the future release is valid. The field is available when you enter a future release value of *Degree Confer Date* or *Grades Post*.

Print Date

The current date appears by default as the print date. You can modify this value, as necessary. The field is unavailable if you enter a future release value of *Immediate Processing*, *Degree Confer Date*, or *Grades Post*.

Request Reason

Enter the request reason code for this request. Values for this field are delivered with your system as translate values. You can modify these translate values. Values are *None*, *Data Change*, *End of Term Print*, *External Request*, *Graduation*, *Student's Request*, and *Web Transcript Request*.

Cancel Request

Select to cancel the print request.

Report Format**Report Format**

Select the format for the report. For this field to be available, the Advising Report check box on the Basic Data page must be selected and the transcript type must be an advisement report type or a special usage report type. Values are:

Standard Report Format: The report is printed as hard copy or delivered to a page. The analysis database does not refresh when the Report Format field value is *Standard Report Format*. This value is the default.

Analysis Database: The report is written to the analysis database. The report is stored in computer-readable format; therefore, application programs can be written against the tables to create modified reports. This is the only field value that refreshes the database tables.

Completed Only: The report contains only those requirements that have been wholly completed. Normally, the degree audit report applies bold type to incomplete requirement groups and requirements, but not to completed requirement groups and requirements.

Incompleted Only: The report contains only those requirements that have not been totally completed. This field value can help a counselor determine exactly what requirements a student needs to satisfy to graduate.

Note. Enter *Analysis Database* in the Report Format field to write the degree audit report to the analysis database for future use by other Crystal and SQR reports or COBOL programs. Data stored in these academic advisement analysis tables can be reused. The tables can be queried for data.

These tables do not automatically purge and must be updated to remain current.

Note. Use multiple report format rows to both print and write a report to the analysis database.

See [Chapter 17, "Using the Analysis Database to Create User Configurable Reports," Understanding the Analysis Database, page 275.](#)

Selecting Student and What-If Data for Processing

Access the Request Detail page (Academic Advisement, Student Advisement, Student Advisement Report, Request Detail).

Request Detail page

Use this page to enter student and what-if data.

Important! To define what-if analysis data, you must be in Add mode. If the page is in the Update/Display mode, you can view an existing report, but you can not update or change the report. Each report is dated, so there is no reason to update a report when you can run the report again using today's date as the request date on the Request Header page.

Note. To improve degree audit run times, limit the number of individual reports (request detail records) for online display to 10 per transcript request header. You must retrieve all of the detail report lines for a transcript request header, and if you have a large amount of individual requests, the system attempts to load all of the data.

Note. You do not have to use a what-if scenario to run a report. In fact, a what-if scenario may not be used often.

Under what-if analysis, these what-if functions are available: Stored What-If, Quick What-If, and Course List What-If.

Seq Nbr (sequence number) Displays a sequence number. This system-supplied number is sequential. This number determines the order in which the individual report requests are processed. The user can override this number, if necessary.

ID Enter the ID of the student for whom the report is to be run.

As of Date

The audit report accurately reflects all of the relevant student data as of this date. The date 01/01/3000 appears by default, but you can modify it at each runtime. To set the field default to the current date, leave the Transcript Default As of Date field blank on the Installation Student Administration page.

A value in this field is required. This field is used to include or exclude future-dated programs, plans, sub-plans, conditions, and entity groups when you run an academic advisement transcript report. When you run the audit report, all of the student data except course work as of the As of Date field value is included in the audit.

Regardless of the value in the As of Date field, all of the courses on a student's transcript are used.

What-if Analysis**Enable Stored What-If and Stored What-If**

Select to enable the Stored What-If option. Click the Stored What-If link to create a new stored what-if scenario or run the degree audit report based on previously stored what-if information for the student.

Quick What-If

Clear the Enable Stored What-If check box to enable this option. Click to run a simulated academic advisement report that compares the student's transcript against a proposed academic career, program, plan, and sub-plan that you enter using the Quick What-If Analysis Report page.

Course List What-If

Clear the Enable Stored What-If check box to enable this option. Click to select an existing course from the course catalog to use during a what-if analysis.

Important! The Course List What-If option can be used in combination with the Stored What-If option or the Quick What-If option. You cannot use the Stored What-If option and the Quick What-If option at the same time. These combinations are possible: Course List What-If option alone, Course List What-If option and Stored What-If option, Course List What-If option and Quick What-If option, Stored What-If option alone, and Quick What-If option alone.

Send

If the report is to be sent to a recipient, click to access the Send To Information page and enter the recipient information.

See Also

[Chapter 16, "Producing Academic Advisement Transcript Reports," Understanding What-If Advisement Reports, page 263](#)

Specifying Send To Information

Access the Send To Information page (Click the Send button on the Request Detail page).

- Specify External Org ID** (specify external organization ID) Select to send the transcript to an external organization that is already in your database. Enter the appropriate organization number and location. If you do not select this check box, enter the address of the requester.
- OK** Click to exit the page and return to the Request Detail page.
- Process Request and Output Destination** Click the Process Request button on the Request Detail page when you are ready to submit the requests for processing. The system sends the degree audit report to the specified output destination on the Request Header page.
- Print** Click to print all of the reports listed on the page. Use the Report Manager to view the Crystal report. When multiple sequence number rows are present, all of the listed reports print.

Viewing and Printing Advisement Report Results

Access the Report Results page (Academic Advisement, Student Advisement, Student Advisement Report, Report Results *or* Records and Enrollment, Transcripts, Transcript Request, Report Results).

Request Header	Request Detail	Report Results	Report Errors
Find View All 1 of 2			
Seq Nbr:	1		Print
ID:	AA0001	Kimberly Adams	Report Manager
Undergraduate Academic Advisement Report			
PeopleSoft University			
Name	:	Adams, Kimberly	
Student ID:		AA0001	
Print Date	:	2001-03-14	
Requested By	:	Carroll, Bruce	

Report Results page (1 of 3)

- - - - A C A D E M I C A D V I S E M E N T R E P O R T - - - -

Report on Undergraduate Career

Requirements Not Satisfied

Liberal Arts Undergraduate Program

Requirements Not Satisfied

Warning! Student Not Eligible for regulation play!

Requirement Not Satisfied -

Wild Card Test

Wild Card test

Report Results page (2 of 3)

```

wild card test

Term      Course      Description      Units  Grade Code
1997 Fall  BIOLOGY     100             General Biology I      3.50  C      EN

Test Condition

Requirement Not Satisfied -

Condition Name                               Status
Passed Portfolio/Audition                    False

A maximum of units of PE and 3 units of Transfer Pass may be used towards
graduation.
    
```

Report Results page (3 of 3)

The academic advisement report prints in academic structure order. The career, program, and plan are listed. Depending on the print controls and options in force, specific requirements, requirement details, and courses used or needed to satisfy requirements print on the report.

Career level requirements print under the program levels on reports. Most students have only one career and one program. However, if a student has two programs (for example, LAU and FAU), then the UGRD level requirement prints under each declared program rather than under undergraduate requirements. As a result, a single requirement may appear more than once in an audit report even though it is required only once.

Note. Processing order and reporting order are different. Processing order refers to the order in which courses are processed by the audit engine. Academic structure, requirement group number, and reporting sequence number affect processing order. Reporting order refers to the order in which courses, requirements, and requirement groups are printed in the audit report.

In general, the long description of the requirement groups, requirements, and requirement lines appear. Under each long description of the requirement groups and requirements, the report contains information about grade point average (GPA) and units. If the student has not met a requirement, the heading is printed in bold type. If the requirement has been met, the heading is not printed in bold type.

When courses are printed, information about the term, course, course description, units, grade, and code appears in the report. (Courses are always printed in chronological order based on term.) Additionally, if any courses were transferred from an external organization, detail is listed. Codes include EN (regularly enrolled course credit), IT (internal transfer course credit), TE (test credit), OT (other credit), and TR (external transfer course credit).

Note. Course substitutions and overrides appear on the academic advisement transcript report. If a requirement group or requirement with a usage of *Student Individualized Plan* is overridden, this information appears at the bottom of the advisement report. Also, any discrepancy between the units that appear and the GPA calculation is noted. A discrepancy occurs if the units earned differ from the units taken.

Click the Print button to store a printable PDF version of the Report Results page in Report Manager.

Checking for Report Errors

Access the Report Errors page (Academic Advisement, Student Advisement, Student Advisement Report, Report Errors *or* Records and Enrollment, Transcripts, Transcript Request, Report Errors).

Seq Nbr (sequence number)	Displays a system-supplied sequential number. This number determined the order in which the individual report requests were processed.
Sequence	Displays the message sequence number.
Message Text	Displays the error description.

Producing Batch Academic Advisement Transcript Reports

This section discusses how to use the Batch Transcript Request component to process academic advisement transcript reports for a large group of students.

To store data in the analysis database using the batch process, enter a value in the Transcript Type field that references the advising process, and then select the Database Report check box.

See Also

PeopleSoft Student Records 9.0 PeopleBook, "Producing Transcripts," Processing Batch Transcripts (Application Engine)

Producing Quick What-If and Stored What-If Advisement Reports

This section provides an overview of what-if advisement reports and discusses how to:

- Select the course list what-if option.
- Enter a what-if course.
- Enter quick what-if parameters.
- Define a stored what-if program for a student.
- Define a stored what-if plan for a student.

- Define a stored what-if sub-plan for a student.

Understanding What-If Advisement Reports

Using the what-if advising capabilities, you can run a simulated advisement report for a student that shows degree progress based on courses the student proposes to take. You can also run a simulated academic advisement report that compares the student's transcript against multiple careers, programs, plans, and sub-plans. You can include individual courses with credit in the process. You can set conditions, such as multiple requirement terms, that enable you to use the appropriate requirement groups in the audit processing.

In addition, nonposted transfer credit can also be included in a what-if audit when the audit report is run from the self-service application. Modeling transfer credit enables students who are not term-activated, prospective applicants, or visitors to run a what-if audit using self-reported, completed, but not yet posted transfer credit. Instead of posting credit, which can only be accomplished if a student is term-activated, the model becomes completed. The internal equivalents are then available as input into the degree progress analysis, which enables the student, applicant, or visitor to view how many requirements of the proposed degree program have been satisfied. Only internal equivalents from models that have the same targeted program as the self-service model are picked up in the audit.

These what-if capabilities enable the academic advisor or student to run any number of degree audit reports based on what-if situations:

- Use the Course List What-If option to retrieve what-if individual courses from the established course catalog.
- Use the Quick What-If option to create a new what-if scenario (program, plan, and sub-plan) for a student.
- Use the Stored What-If option to create or recall previously stored what-if information (program, plan, sub-plan, and requirement term) for a student.

You can use the Course List What-If option in combination with either the Stored What-If option or the Quick What-If option. You cannot use the Stored What-If option and the Quick What-If option at the same time. These combinations are possible: Course List What-If option alone, Course List What-If option and Stored What-If option, Course List What-If option and Quick What-If option, Stored What-If option alone, and Quick What-If option alone.

Pages Used to Define What-If Scenarios

<i>Page Name</i>	<i>Definition Name</i>	<i>Navigation</i>	<i>Usage</i>
Course List What-If Analysis	SA_REQ_CRSE_WHIF	Click the Course List What-If link on the Request Detail page.	Select a course or list of courses from the course catalog to use during a what-if analysis.
Course Search	STDNT_CRSE_SECPNL	Click the Search button on the Course List What-If Analysis page.	Enter, review, and select a what-if course for use in a what-if analysis.

Page Name	Definition Name	Navigation	Usage
Quick What-If Analysis Report	SA_REQST_DTL_SEC2	Click the Quick What-If link on the Request Detail page.	Enter quick what-if parameters to run a simulated academic advisement report that compares the student's transcript against a one-time proposed academic career, program, plan, and sub-plan.
Program What-If	STDNT_PROG_WHIF	Academic Advisement, Student Advisement, Set Up What-If Data Click the Stored What-If link on the Request Detail page.	Define a stored what-if program scenario for a student.
Plan What-If	STDNT_PLAN_WHIF	Academic Advisement, Student Advisement, Set Up What-If Data Click the Stored What-If link on the Request Detail page.	Define a what-if plan scenario for a student.
SubPlan What-If	STDNT_SUBPLAN_WHIF	Academic Advisement, Student Advisement, Set Up What-If Data Click the Stored What-If link on the Request Detail page.	Define a what-if sub-plan scenario for a student.

Selecting the Course List What-If Option

Access the Course List What-If Analysis page (Click the Course List What-If link on the Request Detail page).

Warning! Previously defined student course substitutions do not apply to what-if courses.

Note. Enter the courses in the order in which you want to simulate the courses being taken. If courses are required to be taken in a certain order (for example, 100-level courses before 200-level courses), then enter the simulated courses in the correct order.

1. Enter the Course ID or the Subject (with or without the catalog number) of the simulated course.
2. Click the Search button to retrieve available courses.

The Course Search page appears.

If the course has a requirement designation attached to it, the system automatically selects the requirement designation and displays it in the Requirement Designation field. When you run the degree audit, the audit engine assumes successful completion of the what-if course and the requirement designation, and displays the results on the Report Results page of the degree audit report.

Remember that some courses are set up so that the student can opt to take the course with or without the requirement designation. If the student does not plan to take the course with the requirement designation, you can clear the requirement designation value from the Requirement Designation field. The audit engine will evaluate the course without the requirement designation. Consequently, if the degree requirement asks for the requirement designation to be completed, the what-if course will not satisfy a requirement. The Requirement Designation field is not editable when a course requirement designation is not optional.

Entering a What-if Course

Access the Course Search page (Click the Search button on the Course List What-If Analysis page).

Click the Select Course button to enter the course information on the Course List What-If Analysis page.

The system supplies the Units Taken field value on the Course List What-If Analysis page. You can change this value.

Entering Quick What-If Parameters

Access the Quick What-If Analysis Report page (Click the Quick What-If link on the Request Detail page).

Quick What-If Analysis Report

Empl ID:	AA0043	Name:	Sicignano,Sophia Louise
As of Date:	01/01/3000	Institution:	PeopleSoft University
Career Information			
Current Career:	<input type="text" value="UGRD"/>	Undergraduate	
What-If Career:	<input type="text" value="UGRD"/>	Undergraduate	
Career Requirement Term:	<input type="text" value="0550"/>	2005 Fall	
Program Information			
Career Nbr:	<input type="text" value="0"/>		
Current Program:	LAU	Liberal Arts Undergraduate	
Program Requirement Term:	<input type="text" value="0560"/>	2006 Spring	
What-If Program:	<input type="text" value="LAU"/>	Liberal Arts Undergraduate	
Plan Information			
Current Plan:	<input type="text" value="ENGL-BA"/>	English (BA)	
Plan Requirement Term:	<input type="text" value="0560"/>	2006 Spring	
What-If Plan:	<input type="text" value="SOC"/>	Sociology	
Sub-Plan Information			
Current Sub-Plan:	<input type="text"/>		
Sub-Plan Requirement Term:	<input type="text"/>		
What-If Sub-Plan:	<input type="text"/>		

Quick What-If Analysis Report page

You can generate a quick what-if report for various scenarios, for example, you can generate a report based on a student's:

- Alternate career, program, plan, or subplan information.
- Current career and program information but a different plan (for example, Sociology instead of Psychology).
- Current academic structure information but different requirement term information, for example, a future term (the what-if report results then reflect the future-term selections).

Important! If you leave the current fields empty, then only the what-if values are taken into account during the what-if analysis. Enter values in the current fields if the student has multiple programs, plans, and sub-plans and you want to override a specific program, plan, and sub-plan during the what-if analysis. For example, if a student's primary plan is Accounting but the student has a second plan of Communications and the what-if plan is Business with a requirement term of Fall 1998, then the analysis overrides all of the existing plans (Accounting and Communications) if the Current Plan field is blank. The what-if report will display results for the analysis of the what-if Business plan. However, if you enter *Accounting* as the value for the Current Plan field, then the what-if analysis overrides the plan of Accounting only and retains the plan of Communications. Thus, the student is evaluated for a double major in Communications and Business.

Click OK to save and exit the Quick What-If Analysis Report page and return to the Request Detail page. Click Cancel to exit the page without saving the what-if information.

If you have a more complex scenario to run involving multiple careers, programs, or plans, use the stored what-if feature.

Career Information

Current Career	(Optional) If you enter a value in this field, the system automatically populates fields in the Career Information and Program Information group boxes with the information from the student's current career and program.
What-if Career	Enter the substitute or what-if career.
Career Requirement Term	Enter a what-if requirement term (catalog year) value for the career override. The system uses this value to select the correct effective-dated, career-level requirement groups.

Program Information

Career Nbr	The value 0 (zero) appears by default for this field. If required, change the default value. For instance, you may want to change the default value when the student has two career numbers in the same academic program.
Current Program	This is a display-only field. If you entered a value in the Current Career field, the system automatically enters a value in this field. If the student has two active programs, the system enters a program with the lowest student career number. If you leave the current career field blank, then no current program information appears. Leave this field blank to override all of the student's current programs.
Program Requirement Term	Enter the desired what-if requirement term for the what-if academic program. The system uses this value to select the correct effective-dated, program-level requirement groups.
What-if Program	Enter the substitute or what-if program.

Plan Information

Current Plan

Enter a value only if you want to override a student's specific plan.

This field is available only when you select a Current Career field value (you cannot enter a current plan if you did not enter a value in the Current Career field).

Leave this field blank to override all of the student's plans except the what-if plan. For example, let us suppose that the student has an undergraduate career, with a Liberal Arts program, and Biology and History plans. The user leaves the current career blank, enters career and program requirement terms, enters a what-if program of Liberal Arts, and enters a what-if plan of Philosophy. When the user generates the quick what-if report, the audit will show results for the Philosophy plan only. The audit engine will not process results for the Biology or History plans. It will override all the other program and plan data for that career.

Plan Requirement Term

After you specify a plan override, you must enter a what-if requirement term. The system uses this value to select the correct effective-dated, plan-level requirement groups.

What-if Plan

Enter the substitute or what-if plan.

Subplan Information

Current Sub-Plan

Enter a value only if you want to override a student's specific subplan. Leave this field blank to override all of the student's current subplans.

Sub-Plan Requirement Term

After you specify a sub-plan override, you must enter a what-if requirement term. The system uses this value to select the correct effective-dated, sub-plan level requirement groups.

What-if Sub-Plan

Enter the substitute or what-if sub-plan.

Defining a Stored What-If Program for a Student

Access the Program What-If page (Click the Stored What-If link on the Request Detail page).

Program What-If page

Copy Click to retrieve the student's existing record. Values are automatically supplied in appropriate fields. The page must be in Add mode to create a new what-if program scenario. You can use these field values to build what-if career and program data. You can change field values and insert rows, as necessary.

Program Status Displays the value selected when you click the Copy button.

If you selected *Active Only*, then all of the active careers, programs, plans, and sub-plans are copied and can be used in this program what-if scenario. If you selected *All Status*, then all of the careers, programs, plans, and sub-plans (both active and inactive) are copied and can be used in this program what-if scenario.

Academic Institution Enter the academic institution that contains the stored what-if scenario.

Status Select how the program is processed in the what-if degree audit. Values are:
INCL: Includes the advisement status of the what-if career and program in the degree audit. This value appears by default.
NINC: Excludes the advisement status of the what-if career and program in the degree audit.
OPT: The what-if career and program appear on the report, but they are not counted towards graduation.

Academic Career and Student Career Nbr (student career number)	<p>Appear by default from the prompt page.</p> <p>The student's primary career is designated as student career number 0. You can change the career and student career number for use in the what-if scenario.</p> <p>To create a stored what-if scenario with multiple programs tied to the same career, insert two rows of career and program data on this page. For example, you can insert a liberal arts program as well as a fine arts program and tie each to a career of undergraduate. Be sure to attach the program that you want as the student's what-if primary academic program to the row with the lowest student career number. In the previous example, one of the rows would be <i>Undergraduate, Liberal Arts</i> and the other row would be <i>Undergraduate, Fine Arts</i>. Each row would have a different student career number.</p> <p>To create a stored what-if scenario with multiple careers, insert one additional row of data on this page for each additional career. For example, you can insert a liberal arts program tied to an undergraduate career, as well as a liberal arts program tied to a graduate career. In this case, all of the student career number field values should be 0. On this page, the student career number field values should only be different if you want to identify which career among identical career values references the primary academic program.</p>
Career Requirement Term	Enter the career requirement term to determine which career-level requirement groups will be used in the audit. For example, all of the undergraduate requirements with an effective date before Fall 1999 are used in the audit if the career requirement term is Fall 1999.
Requirement Term	Enter the what-if starting term of the student. Each requirement term has a begin and end date. The system uses this value to select the appropriate effective-dated program-level requirement groups.
Academic Program	Enter the what-if academic program for the student. You can enter a future-dated program.
Admit Term	Enter the term in which the student was admitted to the what-if program.
Expected Grad Term (expected graduation term)	Enter the term in which the student is expected to graduate.
Joint Prog Appr (joint program approved)	Select if the student has dual academic programs in this what-if scenario.
Dual Academic Program	Enter the dual academic program if the Joint Prog Appr check box is selected. If you enter a program, the student will have dual academic programs (as stated on this page) for this what-if scenario.
Campus	Enter the campus that the student attends.
Acad Load (academic load)	Select the academic load for the student in this what-if scenario. Values are: <i>None</i> , <i>Full-Time</i> , and <i>Part-Time</i> . <i>Full-Time</i> appears by default. <i>None</i> converts to <i>Full-Time</i> . Each institution defines full-time and part-time academic loads.

Defining a Stored What-If Plan for a Student

Access the Plan What-If page (Click the Stored What-If link on the Request Detail page).

The screenshot displays the 'Plan What-If' page for student Kimberly Adams (AA0001). The page is divided into two main sections: a top summary section and a 'Plan Description' section. The top section lists 'Academic Career: UGRD', 'Status: Include', 'Academic Program: Liberal Arts Undergraduate', 'Student Career Nbr: 0', 'Admit Term: 1997 Fall', and 'Requirement Term: 1997 Fall'. The 'Plan Description' section contains several fields: 'Requirement Term' (0290, 1997 Fall), 'Academic Plan' (PSYCH, Psychology, Major), 'Plan Sequence' (10), 'Advisement Status' (INCL, Include), and 'Degree' (B.A.). There are also fields for 'Degree Checkout Stat', 'Student Degree Nbr', and 'Completion Term' which are currently empty.

Plan What-If page

Plan Description

Requirement Term

Enter the student's what-if starting term. Each requirement term has a begin and end date. The system uses this value to select the appropriate effective-dated plan-level requirement groups.

Academic Plan

Enter the what-if academic plan for the student. You can select a future-dated plan.

Plan Sequence

Enter the what-if plan sequence number that indicates the order (or sequence) of multiple plans or sub-plans, if any. The plan with the lowest sequence number is considered primary within the program.

Advisement Status

Enter the advisement status that indicates for this what-if academic plan how the plan is processed in the what-if degree audit. Values are:

INCL: The advisement status of the what-if plan is included in the degree audit. This value appears by default.

NINC: The advisement status of the what-if plan is not included in the degree audit.

OPT: The what-if academic plan appears on the report but is not counted towards graduation.

- Degree** Displays the degree that is associated with the plan.

- Degree Checkout Stat** (degree checkout status) Displays the degree checkout status.
 If you click the Copy button on the Program What-If page, then the degree checkout status appears by default. This value does not affect the what-if analysis.

- Student Degree Nbr** (student degree number) Displays the student degree number.
 If you click the Copy (from student record) button on the Program What-If page, a value may appear. This value does not affect the what-if analysis.

- Completion Term** Displays the student's anticipated completion term.
 If you click the Copy (from student record) button on the Program What-If page, a value may appear. This value does not affect the what-if analysis.

Defining a Stored What-If Sub-Plan for a Student

Access the SubPlan What-If page (Click the Stored What-If link on the Request Detail page).

Program What-If
Plan What-If
SubPlan What-If

Kimberly Adams
AA0001

Find | View All 1 of 1

Academic Career:	UGRD	Student Career Nbr:	0
Status:	Include	Requirement Term:	1997 Fall
Academic Program:	Liberal Arts Undergraduate	Academic Institution:	PeopleSoft University

Find | View All 1 of 1

Academic Plan:	Psychology	Major:	Major
Requirement Term:	1997 Fall		

Find | View All 1 of 1

Requirement Term:	<input type="text"/>		+ -
Academic Sub-Plan:	<input type="text"/>		
Academic Sub-Plan Type:			
Sequence Number:	<input type="text" value="10"/>		
Advisement Status:	<input type="text" value="INCL"/>	Include	

SubPlan What-If page

Academic SubPlan

Requirement Term	Enter the start term for the subplan what-if analysis. The system uses the start date for the term to select the appropriate effective-dated sub-plan-level requirement groups.
Academic Sub-Plan	Enter the student's what-if academic sub-plan. You can select a future-dated subplan.
Academic Sub-Plan Type	Enter the appropriate academic sub-plan type prompts from the Academic Sub-Plan Table page.
Sequence Number	Enter the order (or sequence) of multiple sub-plans, if any. The sub-plan with the lowest sequence number is considered primary within the plan.
Advisement Status	Enter how the sub-plan is evaluated in the what-if degree audit. Values are: <i>INCL</i> (default): The advisement status of the what-if sub-plan is included in the degree audit. <i>NINC</i> : The advisement status of the what-if sub-plan is not included in the degree audit. <i>OPT</i> : The what-if academic sub-plan appears on the report but is not counted towards graduation.

Processing Self-Service Advisement Reports

See *PeopleSoft Campus Self Service 9.0 PeopleBook*, "Using Academic Advisement Self Service," Processing Self-Service Advisement Reports.

Chapter 17

Using the Analysis Database to Create User Configurable Reports

This chapter provides an overview of the analysis database and discusses how to:

- Populate the analysis database tables.
- Print the contents of the analysis database.
- Create a user-defined advisement report using the analysis database.

Understanding the Analysis Database

The analysis database integrates the power of the academic advisement transcript with a large number of student data result tables.

On the Request Header page, one of the field values for Report Format is *Analysis Database*. The analysis database report format is a special report format that is computer-friendly rather than people-friendly. The report is written in computer-readable format, which enables you to write application programs against the analysis database tables. When the value in the Report Format is *Analysis Database*, the report data is written to and stored in the analysis database tables. Using this database, you can then prepare user-configurable reports using your reporting tool of choice.

More information is stored in the analysis database tables than appears in the printed report formats. The database tables contain keys for each object in the report that an application program can use to reference other objects in the student's record that are not contained in the printed report. The analysis database contains data on courses that were considered for satisfying a requirement, but rejected. It also contains information on courses captured by global limits.

You can reuse the data stored in these academic advisement analysis tables. You can query the tables for data. To maximize performance, avoid overly complex joins. In most cases, performance severely degrades when more than five tables are joined in one SQL statement. These tables do not automatically purge and must be updated to remain current. Your database administrator must write a script to purge the files. The table data is only accurate for the date on which you run the report. If multiple processes of the same transcript type for the same student occur on a single day, the system uses the analysis database sequence number to keep the data separate for each report.

There are several things you can do to maximize performance when writing reports against the analysis database. When using Crystal reports, create a temporary table where the data to be reported is denormalized into one table. Then use one SQL statement to retrieve the data in a sorted order, using breaks on the data to control the output. Do this to overcome the performance degradation that occurs when using multiple Crystal subreports in one report. You can improve performance by creating indices on the analysis database tables, so joins are on the indices. Setting the initial size of the tables correctly also improves performance. Your database administrator can perform this task. If the tables are not sized correctly, performance could quickly degrade as the tables grow.

Populating the Analysis Database Tables

You can populate the analysis database tables by running the transcript request process for a single student or small group of students (through the Transcript Request component), or for a large population of students (through the Batch Transcript Request component).

Here's how to populate the analysis database tables for a small group of students:

1. Access the Request Header page.
2. Specify an advising transcript type in the Transcript Type field.
3. Specify a report type of *Analysis Database* in the Report Type field.

Running the transcript process using this option sends the results of the advising report to the analysis database tables, instead of to a flat, printable, advising report.

4. Access the Request Detail page and enter the student IDs for the processing group.
5. (Optional) Enter what-if parameters.
6. If you have a small number of IDs to process, click the Process Request button to process the request and populate the analysis database tables.

If you have a large number of IDs to process, save the request, note the request number, and then run the process through the Transcript Generation component.

Here's how to populate the analysis database tables for a large group of students (batch mode):

1. Access the Batch Transcript Request page.
2. Specify an advising transcript type in the Transcript Type field.
3. Select the Database Report check box.
4. Specify the parameters for the processing group.
5. Click the Run button to process the request and populate the analysis database tables.

See Also

Chapter 16, "Producing Academic Advisement Transcript Reports," page 249

PeopleSoft Student Records 9.0 PeopleBook, "Producing Transcripts," Processing Batch Transcripts (Application Engine)

Printing the Contents of the Analysis Database

Use the Database Tables Report component to retrieve all of the data in each academic advisement table for a specific student or group of students on a specific date. Before creating a user configurable report, you can run this report to view the data that is available for the student. On any specific day, you can run one standard and one special report for a student.

Page Used to Print the Contents of the Analysis Database

<i>Page Name</i>	<i>Definition Name</i>	<i>Navigation</i>	<i>Usage</i>
Database Tables Report	RUNCTL_SRDBTBLS	Academic Advisement, Advising Reports, Database Tables	Enter the parameters to capture the student population on which you want to report, and process the report.

Processing the Database Tables Report

Access the Database Tables Report page (Academic Advisement, Advising Reports, Database Tables).

Database Tables Report

Run Control ID: PSDF [Report Manager](#) [Process Monitor](#) Run

*As of Date:

ID:

Report Type: Standard Report

Database Tables Report page

As of Date	The Database Tables report accurately reflects the contents of each academic advisement table for the designated student as of this date. The current date is the default field value, but you can modify it. You must enter a value in this field.
ID	Enter the student's ID or leave blank to return all of the values.
Report Type	Select the report type. Values include: <i>SPC</i> : Indicates a report with a special requirement usage. <i>STD</i> : Indicates a standard advising report.

Note. The Database Tables report is not as robust as the analysis database tables themselves (where multiple reports for a student in a single day are organized by an analysis database sequence number). If you process multiple reports for a student with the same report type on a single day, all of the data for the day appears on the Database Tables report.

Creating a User-Defined Advisement Report Using the Analysis Database

You may want to query the analysis database for many reasons. For example, you may want to know how many undergraduate students have not satisfied their math requirement. This data may even help you decide how many sections of a class to schedule in a subsequent term. Or, you may want to create a report that displays the career, program, and plan of all students who have met all their degree requirements.

You can query the analysis database using PeopleSoft Query or your database's query tool such as Microsoft's Query Analyzer, Oracle's SQL Plus, or IBM's Command Center.

Note. Pay close attention to the automatic join created by PeopleSoft Query. When joining certain tables, the query tool creates the join using the ENTRY_SEQ field. Leaving this field in the join may result in no data being returned.

After retrieving data, use your reporting tool of choice to create a report that meets your needs. To do this, you can use most tools that coordinate with SQL.

Reviewing the Academic Advisement Analysis Database Tables

At a minimum, tables from the analysis database always contain these column headings: ID, RPT_DATE, RPT_TYPE, and ANALYSIS_DB_SEQ.

The following describes the table R_REPORT:

Column Name	Key	Data Type	Length	Comments
ID	Y	Char	11	Student's ID
RPT_DATE	Y	PSDATE		Report Date
RPT_TYPE	Y	Char	4	Report Type
ANALYSIS_DB_SEQ	Y	Smallint		Report Type Sequence
WHAT_IF_FL		Char	1	What-If Flag
REPORT_REQUEST_NBR		Char	9	Report Request Nbr
INSTITUTION		Char	5	Academic Institution
TSCRPT_TYPE		Char	5	Transcript Type

The following describes the table, R_ORDER:

Column Name	Key	Data Type	Length	Comments
ID	Y	Char	11	Student's ID
RPT_DATE	Y	PSDATE		Report Date
RPT_TYPE	Y	Char	4	Report Type
ANALYSIS_DB_SEQ	Y	Smallint		Report Type Sequence
ENTRY_SEQ	Y	Smallint		

Column Name	Key	Data Type	Length	Comments
ENTRY_R_TYPE		Char	6	Valid Types: Career ('KEYCAR'), Program ('KEYPRG'), Plan ('KEYPLN'), Sub-Plan ('KEYSUB'), Requirement Group ('KEYRQG'), Requirement ('KEYREQ'), and Requirement Line ('KEYRQL').

The following describes the table, R_RQRMNT_GROUP:

Column Name	Key	Data Type	Length	Comments
ID	Y	Char	11	Student's ID
RPT_DATE	Y	PSDATE		Report Date
RPT_TYPE	Y	Char	4	Report Type
ANALYSIS_DB_SEQ	Y	Smallint		Report Type Sequence
RQRMNT_GROUP	Y	Char	6	
RQ_DATE		PSDATE		Effective Date of Requirement Group
ENTRY_R_STATUS		Char	4	
PARTITION_FAIL		Char	1	Partition Fail Flag

The following describes the table, R_RG_LINK:

Column Name	Key	Data Type	Length	Comments
ID	Y	Char	11	Student's ID

Column Name	Key	Data Type	Length	Comments
RPT_DATE	Y	PSDATE		Report Date
RPT_TYPE	Y	Char	4	Report Type
ANALYSIS_DB_SEQ	Y	Smallint		Report Type Sequence
ENTRY_SEQ	Y	Smallint		
RQRMNT_GROUP	Y	Char	6	

The following describes the table, R_TRANSCRIPT:

Column Name	Key	Data Type	Length	Comments
ID	Y	Char	11	Student's ID
RPT_DATE	Y	PSDATE		Report Date
RPT_TYPE	Y	Char	4	Report Type
ANALYSIS_DB_SEQ	Y	Smallint		Report Type Sequence
CRSE_TAG	Y	Char	4	
INSTITUTION		Char	5	
SRC_INSTITUTION		Char	5	
ACAD_CAREER		Char	4	
SRC_CAREER		Char	4	
CRSE_CAREER		Char	4	

Column Name	Key	Data Type	Length	Comments
STRM		Char	4	Term
APPLIED_TERM		Char	4	
TERM_TAKEN		Char	4	
CLASS_NBR		Char	5	
STDNT_ENRL_ST ATUS		Char	2	
UNT_TAKEN		Decimal	3.2	
UNT_PRGRSS		Decimal	3.2	
GRADING_BASIS _ENRL		Char	3	
CRSE_GRADE_O FF		Char	3	
REPEAT_CODE		Char	4	
ASSOCIATED_CL ASS		Smallint	4	
AUDIT_GRADE_ BASIS		Char	1	
EARN_CREDIT		Char	1	
INCLUDE_IN_GP A		Char	1	
UNITS_ATTEMPT ED		Char	1	Valid Choices: In Progress ('I') and Attempted ('Y').
GRADE_POINTS		Decimal	6.3	

Column Name	Key	Data Type	Length	Comments
CRSE_ID		Char	6	
CRSE_OFFER_NBR		Char	2	
SESSION_CODE		Char	3	
CLASS_SECTION		Char	4	
ACAD_GROUP		Char	5	
SUBJECT		Char	8	
CATALOG_NBR		Char	10	
DESCR		Char	30	
COMPONENT		Char	3	
CRS_TOPIC_ID		Decimal	3	
EQUIV_CRSE_ID		Char	5	
OVRD_CRSE_EQUIV_ID		Char	1	
START_DT		PSDATE		
END_DT		PSDATE		
CRSE_COUNT		Decimal	2.2	
CLASS_ENRL_TYPE		Char	1	
RQ_SCHOOL_TYPE		Char	4	

Column Name	Key	Data Type	Length	Comments
UNT_EARNED		Decimal	3.2	

The following describes the table, R_SUBSTITUTION:

Column Name	Key	Data Type	Length	Comments
ID	Y	Char	11	Student's ID
RPT_DATE	Y	PSDATE		Report Date
RPT_TYPE	Y	Char	4	Report Type
ANALYSIS_DB_SEQ	Y	Smallint		Report Type Sequence
CRSE_TAG	Y	Char	4	
ACAD_GROUP		Char	5	
CRSE_ID		Char	6	
SUBJECT		Char	8	
CATALOG_NBR		Char	10	
DESCR		Char	30	
OPRID		Char	8	
DESCR254A		Char	254	

The following describes the table, R_REQUIREMENT:

Column Name	Key	Data Type	Length	Comments
ID	Y	Char	11	Student's ID

Column Name	Key	Data Type	Length	Comments
RPT_DATE	Y	PSDATE		Report Date
RPT_TYPE	Y	Char	4	Report Type
ANALYSIS_DB_SEQ	Y	Smallint		Report Type Sequence
ENTRY_SEQ	Y	Smallint		
RQRMNT_GROUP	Y	Char	6	
REQUIREMENT	Y	Char	9	
RQ_DATE		PSDATE		Effective Date of Student's Requirement
ITEM_R_STATUS		Char	4	
PARTITION_FAIL		Char	1	Partition Fail Flag

The following describes the table, R_RQRMNT_LINE:

Column Name	Key	Data Type	Length	Comments
ID	Y	Char	11	Student's ID
RPT_DATE	Y	PSDATE		Report Date
RPT_TYPE	Y	Char	4	Report Type
ANALYSIS_DB_SEQ	Y	Smallint		Report Type Sequence
ENTRY_SEQ	Y	Smallint		
RQRMNT_GROUP	Y	Char	6	

Column Name	Key	Data Type	Length	Comments
REQUIREMENT	Y	Char	9	
RQ_LINE_NBR	Y	Char	4	
ITEM_R_STATUS		Char	4	
DISP_SELECT_LINE		Char	1	
REQ_LINE_TYPE		Char	3	

The following describes the table, R_CAREER:

Column Name	Key	Data Type	Length	Comments
ID	Y	Char	11	Student's ID
RPT_DATE	Y	PSDATE		Report Date
RPT_TYPE	Y	Char	4	Report Type
ANALYSIS_DB_SEQUENCE	Y	Smallint		Report Type Sequence
ENTRY_SEQ	Y	Smallint		
ACAD_CAREER	Y	Char	4	
CAR_DATE		PSDATE		
ITEM_R_STATUS		Char	4	

The following describes the table, R_ACAD_PROG:

Column Name	Key	Data Type	Length	Comments
ID	Y	Char	11	Student's ID

Column Name	Key	Data Type	Length	Comments
RPT_DATE	Y	PSDATE		Report Date
RPT_TYPE	Y	Char	4	Report Type
ANALYSIS_DB_SEQ	Y	Smallint		Report Type Sequence
ENTRY_SEQ	Y	Smallint		
ACAD_PROG	Y	Char	5	
ACAD_CAREER		Char	4	
ITEM_R_STATUS		Char	4	

The following describes the table, R_ACAD_PLAN:

Column Name	Key	Data Type	Length	Comments
ID	Y	Char	11	Student's ID
RPT_DATE	Y	PSDATE		Report Date
RPT_TYPE	Y	Char	4	Report Type
ANALYSIS_DB_SEQ	Y	Smallint		Report Type Sequence
ENTRY_SEQ	Y	Smallint		
ACAD_PLAN	Y	Char	10	
ACAD_CAREER		Char	4	
ACAD_PROG		Char	5	
ITEM_R_STATUS		Char	4	

The following describes the table, R_ACAD_SUBPLAN:

Column Name	Key	Data Type	Length	Comments
ID	Y	Char	11	Student's ID
RPT_DATE	Y	PSDATE		Report Date
RPT_TYPE	Y	Char	4	Report Type
ANALYSIS_DB_SEQ	Y	Smallint		Report Type Sequence
ENTRY_SEQ	Y	Smallint		
ACAD_SUBPLAN	Y	Char	10	
ACAD_CAREER		Char	4	
ACAD_PROG		Char	5	
ACAD_PLAN		Char	10	
ITEM_R_STATUS		Char	4	

The following describes the table, R_COURSE_USEAGE:

Column Name	Key	Data Type	Length	Comments
ID	Y	Char	11	Student's ID
RPT_DATE	Y	PSDATE		Report Date
RPT_TYPE	Y	Char	4	Report Type
ANALYSIS_DB_SEQ	Y	Smallint		Report Type Sequence
ENTRY_SEQ	Y	Smallint		

Column Name	Key	Data Type	Length	Comments
RQRMNT_GROU P	Y	Char	6	
REQUIREMENT	Y	Char	9	
RQ_LINE_NBR	Y	Char	4	
CRSE_TAG	Y	Char	4	
SEL_PROCESS_T YPE		Char	3	Valid Types: Verify ('VER'), Sequence ('SEQ'), Limit ('LIM'), and Standard ('STD').
SEL_MODE		Char	1	Valid Modes: Selected ('S'), Not Selected ('N'), and Excluded ('X').
IN_PROGRESS_G RD		Char	1	In Progress Flag: In Progress ('Y').

The following describes the table, R_COND_USEAGE:

Column Name	Key	Data Type	Length	Comments
ID	Y	Char	11	Student's ID
RPT_DATE	Y	PSDATE		Report Date
RPT_TYPE	Y	Char	4	Report Type
ANALYSIS_DB_S EQ	Y	Smallint		Report Type Sequence
ENTRY_SEQ	Y	Smallint		
RQRMNT_GROU P	Y	Char	6	

Column Name	Key	Data Type	Length	Comments
REQUIREMENT	Y	Char	9	
RQ_LINE_NBR	Y	Char	4	
CONDITION_CODE	Y	Char	3	
CONDITION_OPERATOR	Y	Char	2	
CONDITION_DATA	Y	Char	10	

The following describes the table, R_UNIT_CRSE_GPA:

Column Name	Key	Data Type	Length	Comments
ID	Y	Char	11	Student's ID
RPT_DATE	Y	PSDATE		Report Date
RPT_TYPE	Y	Char	4	Report Type
ANALYSIS_DB_SEQUENCE	Y	Smallint		Report Type Sequence
ENTRY_SEQ	Y	Smallint		
UNITS_REQUIRED		Decimal	4.2	
UNITS_NEEDED		Decimal	4.2	
CRSES_REQUIRED		Decimal	4.2	
CRSES_NEEDED		Decimal	4.2	
GPA_REQUIRED		Decimal	3.3	

Column Name	Key	Data Type	Length	Comments
GPA_ACTUAL		Decimal	3.3	

The following describes the table, R_DESCRIPTION:

Column Name	Key	Data Type	Length	Comments
ID	Y	Char	11	Student's ID
RPT_DATE	Y	PSDATE		Report Date
RPT_TYPE	Y	Char	4	Report Type
ANALYSIS_DB_SEQ	Y	Smallint		Report Type Sequence
ENTRY_SEQ	Y	Smallint		
DESCR_LN_NBR	Y	Smallint		
DESCR254		Char	254	

The following describes the table, R_OVERRIDE_RG:

Column Name	Key	Data Type	Length	Comments
ID	Y	Char	11	Student's ID
RPT_DATE	Y	PSDATE		Report Date
RPT_TYPE	Y	Char	4	Report Type
ANALYSIS_DB_SEQ	Y	Smallint		Report Type Sequence
ENTRY_SEQ	Y	Smallint		
RQRMNT_GROUP	Y	Char	6	

Column Name	Key	Data Type	Length	Comments
RQ_RG_OVRD_A CTION		Char	4	
OLD_UNITS		Decimal	4.2	
NEW_UNITS		Decimal	4.2	
OLD_CRSES		Decimal	4.2	
NEW_CRSES		Decimal	4.2	
REF_RQMT_GRO UP		Char	6	
OPRID		Char	30	
DESCR254A		Char	254	

The following describes the table, R_OVERRIDE_RQ:

Column Name	Key	Data Type	Length	Comments
ID	Y	Char	11	Student's ID
RPT_DATE	Y	PSDATE		Report Date
RPT_TYPE	Y	Char	4	Report Type
ANALYSIS_DB_S EQ	Y	Smallint		Report Type Sequence
ENTRY_SEQ	Y	Smallint		
RQRMNT_GROU P	Y	Char	6	
REQUIREMENT		Char	9	

Column Name	Key	Data Type	Length	Comments
RQ_OVRD_ACTION		Char	4	
OLD_UNITS		Decimal	4.2	
NEW_UNITS		Decimal	4.2	
OLD_CRSES		Decimal	4.2	
NEW_CRSES		Decimal	4.2	
REF_REQUIREMENT		Char	9	
OPRID		Char	30	
DESCR254A		Char	254	

The following describes the table, R_OVERRIDE_LN:

Column Name	Key	Data Type	Length	Comments
ID	Y	Char	11	Student's ID
RPT_DATE	Y	PSDATE		Report Date
RPT_TYPE	Y	Char	4	Report Type
ANALYSIS_DB_SEQ	Y	Smallint		Report Type Sequence
ENTRY_SEQ	Y	Smallint		
RQRMNT_GROUP	Y	Char	6	
REQUIREMENT	Y	Char	9	

Column Name	Key	Data Type	Length	Comments
RQ_LINE_NBR	Y	Char	4	
RQ_LN_OVRD_A CTION		Char	4	
OLD_MIN_UNITS		Decimal	4.2	
NEW_MIN_UNITS		Decimal	4.2	
OLD_MAX_UNITS		Decimal	4.2	
NEW_MAX_UNITS		Decimal	4.2	
OLD_MIN_CRSES		Decimal	4.2	
NEW_MIN_CRSES		Decimal	4.2	
OLD_MAX_CRSES		Decimal	4.2	
NEW_MAX_CRSES		Decimal	4.2	
OPRID		Char	30	
DESCR254A		Char	254	

The following describes the table, R_COURSE_DIREC:

Column Name	Key	Data Type	Length	Comments
ID	Y	Char	11	Student's ID
RPT_DATE	Y	PSDATE		Report Date

Column Name	Key	Data Type	Length	Comments
RPT_TYPE	Y	Char	4	Report Type
ANALYSIS_DB_SEQ	Y	Smallint		Report Type Sequence
ENTRY_SEQ	Y	Smallint		
RQRMNT_GROUP	Y	Char	6	
REQUIREMENT	Y	Char	9	
RQ_LINE_NBR	Y	Char	4	
CRSE_TAG	Y	Char	4	
OPRID		Char	30	
DESCR254A		Char	254	

The following describes the table, R_RQDPLN_HEADER:

Column Name	Key	Data Type	Length	Comments
ID	Y	Char	11	Student's ID
RPT_DATE	Y	PSDATE		Report Date
RPT_TYPE	Y	Char	4	Report Type
ANALYSIS_DB_SEQ	Y	Smallint		Report Type Sequence
ENTRY_SEQ	Y	Smallint		
RQRMNT_GROUP	Y	Char	6	

Column Name	Key	Data Type	Length	Comments
PLANS_NEEDED		Smallint		

The following describes the table, R_RQDPLN_DETAIL:

Column Name	Key	Data Type	Length	Comments
ID	Y	Char	11	Student's ID
RPT_DATE	Y	PSDATE		Report Date
RPT_TYPE	Y	Char	4	Report Type
ANALYSIS_DB_SEQ	Y	Smallint		Report Type Sequence
ENTRY_SEQ	Y	Smallint		
RQRMNT_GROUP	Y	Char	6	
ACAD_CAREER	Y	Char	4	
ACAD_PROG	Y	Char	5	
ACAD_PLAN	Y	Char	10	
ACAD_SUB_PLAN	Y	Char	10	

The following describes the table, R_WHAT_IF:

Column Name	Key	Data Type	Length	Comments
ID	Y	Char	11	Student's ID
RPT_DATE	Y	PSDATE		Report Date
RPT_TYPE	Y	Char	4	Report Type

Column Name	Key	Data Type	Length	Comments
ANALYSIS_DB_SEQUENCE	Y	Smallint		Report Type Sequence
ACAD_CAREER		Char	4	
ACAD_CAREER_OVRD		Char	4	
CAR_REQ_TERM		Char	4	
ACAD_PROG		Char	5	
ACAD_PROG_OVRD		Char	5	
ACAD_PROG_TERM		Char	4	
ACAD_PLAN		Char	10	
ACAD_PLAN_OVRD		Char	10	
ACAD_PLAN_TERM		Char	4	
ACAD_SUB_PLAN		Char	10	
ACAD_SUB_PLAN_OVRD		Char	10	
ACAD_SUB_PLAN_TERM		Char	4	

Appendix A

Course Limit Examples

This appendix is a supplement to the general documentation on limits, and provides examples and detailed instructions for setting up two types of course limit requirements:

- Local unit, course, or GPA limit requirement.
- Global course limit requirement.

See Also

[Chapter 5, "Setting Up Academic Requirements," Creating a Requirement Line Item, page 70](#)

Setting Up a Local Unit, Course, or GPA Limit Requirement

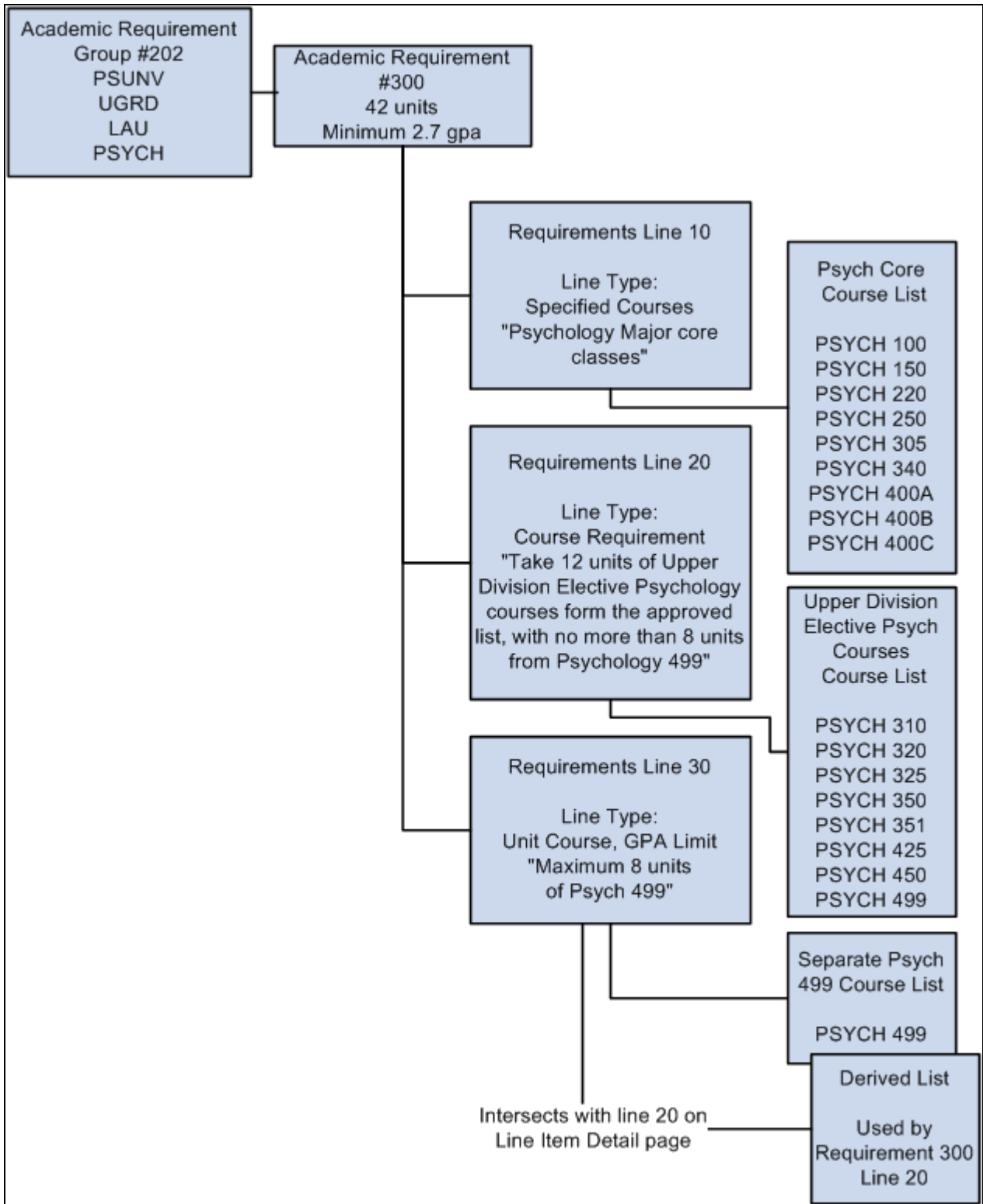
Local limit requirements work to limit the number of units or courses that can be counted toward a specific requirement group, requirement, or requirement line. With the use of more advanced derived lists, local limits can also apply to a dynamically generated group of targets (such as all courses used by a particular plan). Unlike their *global* course limit requirement counterpart, *local* course limit requirements have a specific target to which they apply, even if that target is dynamically generated from a derived list.

Here's how to set up a simple local course limit requirement:

1. Create an academic course list that includes the course or courses that you want to limit. For example, Psychology 499 (to represent a special course for independent research that is repeatable, but that can count towards graduation up to a maximum of 8 units.)
2. Locate an existing *All Stats* academic requirement Line Item that requires or includes as options these same courses. For example, the Psychology Major requirement.
3. For the same requirement mentioned in step 2, add another line item with a Line Type of *Unit, Course, or GPA Limit*.
4. On the Line Item Params page, for the *Unit, Course, or GPA Limit* line, specify a Maximum Units Allowed value of 8, and a Maximum Courses Allowed value of 999. The system will obey the lower of the two limit numbers (in this case, 8 units).
5. Access the Line Item Detail page for the limit line, and attach the course list you created in step 1.

6. To target the course limit to a requirement, intersect the course list for the limit line with a derived list that specifies the target in greater detail. For example, if the requirement has multiple requirement lines, and you want the maximum 8 units of Psychology 499 requirement to apply only to one of many lines in the requirement:
 - a. On the Line Item Detail page, insert a second Line Detail Type of *DLST*. Select a List Include Mode of *I — Intersection With*. Select a List Recall Mode of *Used by Requirement*, and specify the requirement and line number that you specifically want to limit.
 - b. Save the requirement.

The following diagram displays an overview of how to set up a local unit, course, or GPA limit requirement:



Unit, course, or GPA limit structure

Setting Up a Global Course Limit Requirement

Global limit requirements work to limit the number of units or courses that can be counted toward an overall advising report. Unlike their *local* course limit requirement counterpart, *global* course limit requirements typically have no specific target requirement, and go into effect as soon as they are encountered by the advising system.

The exception to the rule of global limits not requiring targets is when you want to apply a global limit to requirements that capture courses through a Credit Include Mode of *Verify*. As you will see in the following exhibit diagram, to enforce a global limit on Verify requirements, you must subtract a derived list of *Used By* (*your global limit*) from the Global Limit target requirement.

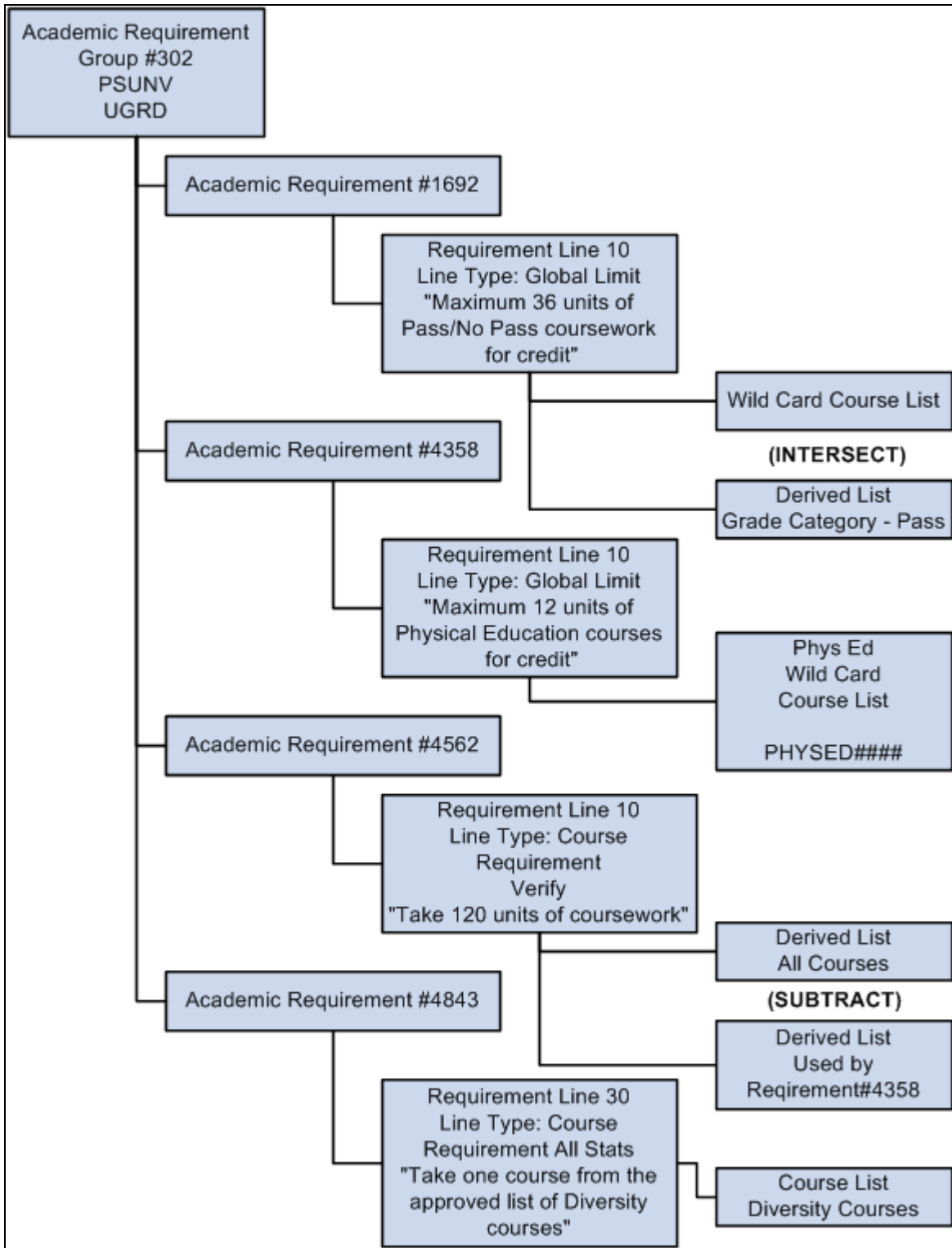
Reporting sequence and academic structure determine the order in which academic requirement groups are encountered.

See [Chapter 6, "Setting Up Academic Requirement Groups," Understanding Academic Requirement Groups, page 111](#).

Follow these steps to set up a global course limit:

1. Create an academic course list that includes the courses you want to globally limit, or design a derived list that will capture the same group. For example, *Physical Education ###*, or a derived list of Grade category equal *Pass/No Pass* courses, respectively.
2. Create an academic requirement that houses the global limit, instead of attaching the limit as a requirement line (like you do for a local unit, course, or GPA limit). In the academic requirement, set the Line Type to *Global Limit* on the Line Item page, define maximum parameters on the Line Item Parameters page, then attach your course list or derived course list on the Line Item Detail page. By setting up the global limit requirement as a separate requirement, you can reuse it across requirement groups at the institution (which is typically the case with global course limits).
3. Save the academic requirement, and attach it to the highest level requirement groups for each group of students to whom you want this to apply. You can either attach it to a career level requirement group (so that it applies to all programs within the career), a program level requirement group (so that it applies to students in the programs that you specify), a plan level requirement group, or even a subplan level requirement group. What is important to note is that the system begins enforcing the global limit only when it is encountered by the advisement engine. Therefore, the higher you place the global limit, the sooner the system will "see" the requirement and begin enforcing it.

The following diagram displays an overview of how to set up two types of global course limits, one that stands alone, and another that both stands alone and limits a *Verify* requirement.



Global limit structure

Appendix B

Sequential Restriction Examples

This appendix is a supplement to the general documentation on sequential restrictions, and provides examples and detailed instructions for setting up two types of sequential restriction requirements:

- Local sequential restriction requirement.
- Global sequential restriction requirement.

See Also

[Chapter 5, "Setting Up Academic Requirements," Creating a Requirement Line Item, page 70](#)

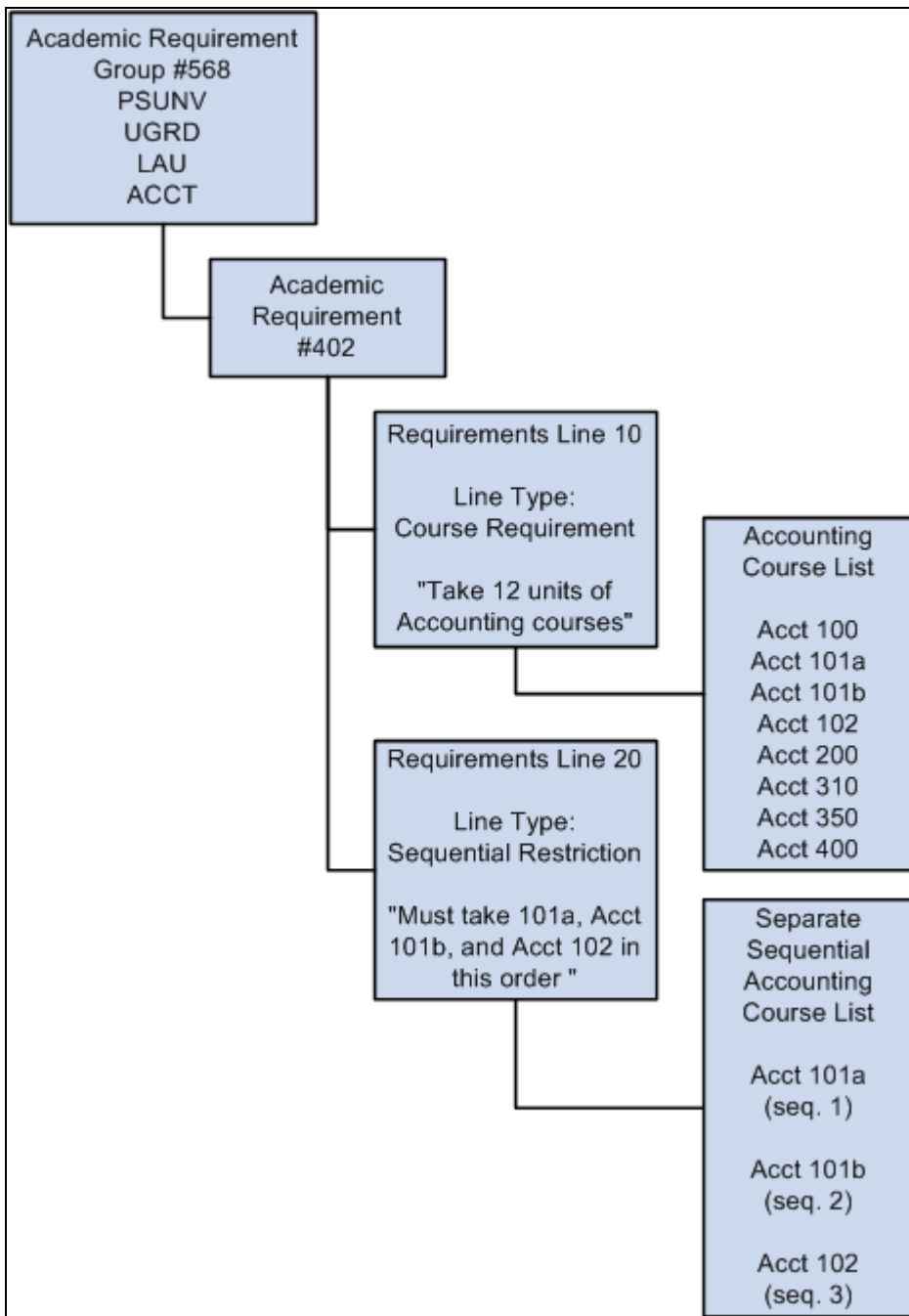
Setting Up a Local Sequential Restriction Requirement

Local restriction requirements enforce course completion in a particular order, for a specific requirement group, requirement, or requirement line. With the use of more advanced derived lists, local sequential restriction requirements can also apply to a dynamically generated group of targets (such as all courses used by a particular plan). Unlike their *global* sequential restriction counterpart, *local* sequential restriction requirements have a specific target to which they apply.

Here's how to set up a simple local sequential restriction requirement:

1. Create an academic course list that includes the courses for which you want to control sequence. For example, Accounting 100a (course sequence 1), Accounting 100b (course sequence 2), and Accounting 200 (course sequence 3). Make sure that the course sequence value is assigned to the correct course on the Course Detail page.
2. Locate an existing *All Stats* academic requirement Line Item that requires these same courses. For example, the Accounting Minor requirement, which requires 18 units total, and points to a course list of many Accounting courses, in no particular order.
3. In the same requirement mentioned in step 2, add a second line item with a Line Type of *Sequential Restriction*.
4. Access the Line Item Detail page for line 20, and attach the special sequential restriction course list you created in step 1.
5. Save the requirement. By default, the target of your sequential restriction line item will be the current requirement. So, if you do not specify a target, you can save the requirement and simply attach it to a requirement group that applies to Accounting Minors.

The following diagram displays an overview of how to set up a local sequential restriction requirement.



Local sequential restriction requirement structure

Setting Up a Global Sequential Restriction Requirement

Global restriction requirements work to enforce that only those courses taken in a particular sequence can apply toward the advising report. Unlike their local sequential restriction counterpart, *global* sequential restriction requirements have no specified target (their default target is the entire audit), and they go into effect as soon as they are encountered by the advisement engine process (based on reporting sequence).

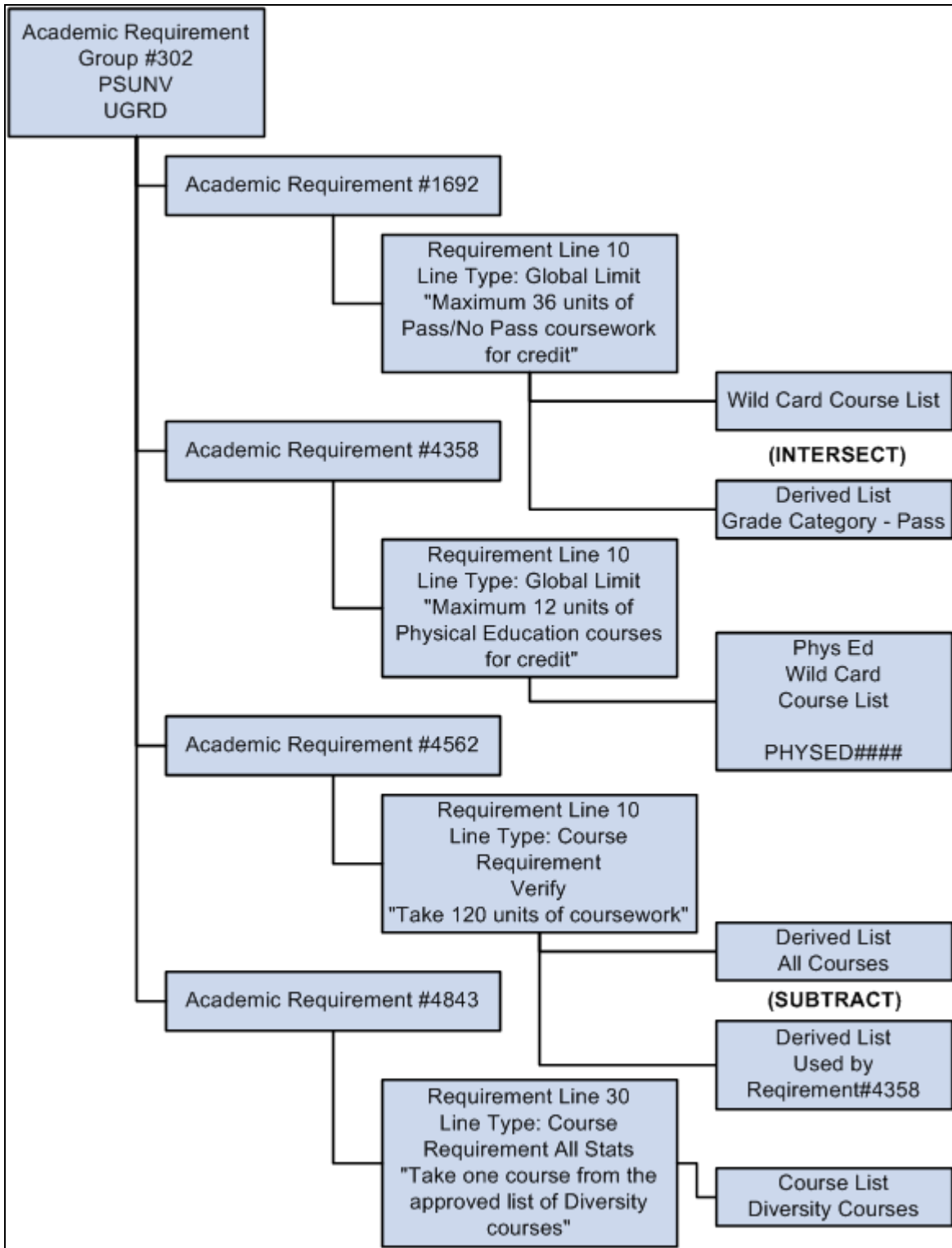
Reporting sequence and academic structure determine the order in which academic requirement groups are evaluated.

See [Chapter 6, "Setting Up Academic Requirement Groups," Understanding Academic Requirement Groups, page 111.](#)

Here's how to set up a global sequential restriction requirement:

1. Create an academic course list that includes the courses for which you want to globally control course sequence. For example, Spanish 100 (course sequence 1), Spanish 200 (course sequence 2), Spanish 300 (course sequence 3), and Spanish 330 (course sequence 4). Make sure that the course sequence value is assigned to the correct course on the Course Detail page.
2. Create an academic requirement that solely houses the sequential restriction, instead of attaching the sequential restriction as an additional requirement line (like you do for a local sequential restriction requirement). In the academic requirement, set the Line Type to *Global Sequential Restriction* on the Line Item page, then attach your course list on the Line Item Detail page. By setting up the sequential requirement as a separate requirement, you can reuse it across requirement groups at the institution (which is typically the case with global sequential restrictions).
3. Save the academic requirement, and attach it to the highest level requirement group for each group of students to whom you want this to apply. You can either attach it to a career level requirement group (so that it applies to all programs within the career), a program level requirement group (so that it applies to students in the programs that you specify), a plan level requirement group, or even a subplan level requirement group. What is important to note is that the system begins enforcing the global sequential restriction only when it is encountered by the advisement engine. Therefore, the higher you place the sequential restriction requirement, the sooner the system will "see" the requirement and begin enforcing it.

The following diagram displays an overview of how to set up a global sequential restriction requirement.



Global sequential restriction requirement structure

Appendix C

Advisement Report Result Tables

This appendix provides an overview of advisement report result tables in release 9.0 and discusses table mapping information for the following tables:

- SAA_ADB_CONDUSE
- SAA_ADB_COURSES
- SAA_ADB_CRSEAVL
- SAA_ADB_CRSEUSE
- SAA_ADB_REPORT
- SAA_ADB_RESULTS
- SAA_ADB_RQDPLAN
- SAA_ADB_WHATIF

Understanding Advisement Report Result Tables

Major structural changes were implemented for release 9.0 to allow for easier customization of advisement reports. One of these changes created a new set of output tables known as the Advisement Report Result Tables. These tables are loosely based on the old Analysis Database tables from previous releases. The new Report Result tables contain all of the information from the Analysis Database tables and new data elements added to enhance the data available for the advisement reports.

All tables will have the key structure changed from the old records. The new primary key on all records will have the EMPLID, ANALYSIS_DB_SEQ, and SAA_CAREER_RPT. All records that contain "order specific" information from a specific report will have the field SAA_ENTRY_SEQ as a key. This field was changed from ENTRY_SEQ so the field could be expanded to 4 digits. In the Analysis Database tables, the field ENTRY_SEQ was used inconsistently. In some cases, the field was needed to join a table with a corresponding table in order to match the correct attributes. In the Report Results tables, this key is used consistently throughout the processing, always keeping the results table (SAA_ADB_RESULTS) matched against the child tables such as courses used (SAA_ADB_CRSEUSE) and conditions used (SAA_ADB_CONDUSE)."

The table SAA_ADB_REPORT will contain the primary unique index plus have 4 alternate search keys defined – INSTITUTION, TSCRPT_TYPE, RPT_DATE, and SAA_RPT_IDENTIFIER. These search keys will be needed when trying to identify the correct report from the on-line process. These alternate keys (with the exception of INSTITUTION) are also carried down into the children records. These indexes are used by the purge process. In the listing below, the primary index is listed as "Pri" and any alternate index is listed as "Alt".

SAA_ADB_CONDUSE

This table contains the values of a condition used as a Condition Requirement. It does not contain the values and results from pre-conditions.

Mapping from Previous Releases

This table contains the data from R_COND_USEAGE. The fields SAA_CAREER_RPT, SAA_ENTRY_SEQ, SAA_CONDITION_SEQ, TSCRIPT_TYPE, SAA_RPT_IDENTIFIER, RQ_GRP_LINE_NBR and ENTRY_R_STATUS have been added.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Decimal</i>	<i>Index</i>	<i>Idx Pos</i>	<i>Asc/Desc</i>
EMPLID	Char	11	0	Pri	1	Asc
ANALYSIS_DB_SEQ	Nbr	4	0	Pri	2	Desc
SAA_CAREER_RPT	Char	4	0	Pri	3	Asc
SAA_ENTRY_SEQ	Nbr	4	0	Pri	4	Asc
SAA_CONDITION_SEQ	Nbr	3	0	Pri	5	Asc
RPT_DATE	Date	10	0	Alt	1	Asc
TSCRIPT_TYPE	Char	5	0	Alt	1	Asc
SAA_RPT_IDENTIFIER	Char	10	0	Alt	1	Asc
RQRMNT_GROUP	Char	6	0			
RQ_GRP_LINE_NBR	Char	4	0			
REQUIREMENT	Char	9	0			
RQ_LINE_NBR	Char	4	0			
CONDITION_CODE	Char	3	0			

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Decimal</i>	<i>Index</i>	<i>Idx Pos</i>	<i>Asc/Desc</i>
CONDITION_OPERATOR	Char	2	0			
CONDITION_DATA	Char	10	0			
ENTRY_R_STATUS	Char	4	0			

SAA_ADB_COURSES

This table contains the transcript and substitution data for a course.

Mapping from Previous Releases

This table contains the data from R_TRANSCRIPT and R_SUBSTITUTION. The following fields have been added that did not previously exist in either table: SAA_CAREER_RPT, RPT_DATE, TSCRPT_TYPE, SAA_RPT_IDENTIFIER, SAA_DISPLAY_TOPIC, SAA_CRSE_TYPE, SAA_OPRID_NAME, SAA_DISPLAY_OPTION, and STDNT_SUB_NBR.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Decimal</i>	<i>Index</i>	<i>Idx Pos</i>	<i>Asc/Desc</i>
EMPLID	Char	11	0	Pri	1	Asc
ANALYSIS_DB_SEQ	Nbr	4	0	Pri	2	Desc
SAA_CAREER_RPT	Char	4	0	Pri	3	Asc
CRSE_TAG	Char	4	0	Pri	4	Asc
RPT_DATE	Date	10	0	Alt	1	Asc
TSCRPT_TYPE	Char	5	0	Alt	1	Asc
SAA_RPT_IDENTIFIER	Char	10	0	Alt	1	Asc
INSTITUTION	Char	5	0			
SRC_INSTITUTION	Char	5	0			
ACAD_CAREER	Char	4	0			

Field	Type	Length	Decimal	Index	Idx Pos	Asc/Desc
SRC_CAREER	Char	4	0			
CRSE_CAREER	Char	4	0			
STRM	Char	4	0			
APPLIED_TERM	Char	4	0			
TERM_TAKEN	Char	4	0			
CLASS_NBR	Nbr	5	0			
STDNT_ENRL_STATUS	Char	2	0			
UNT_TAKEN	Nbr	6	2			
UNT_EARNED	Nbr	6	2			
UNT_PRGRSS	Nbr	6	2			
GRADING_BASIS_ENRL	Char	3	0			
CRSE_GRADE_OFF	Char	3	0			
REPEAT_CODE	Char	4	0			
ASSOCIATED_CLASS	Nbr	4	0			
AUDIT_GRADE_BASIS	Char	1	0			
EARN_CREDIT	Char	1	0			
INCLUDE_IN_GPA	Char	1	0			
UNITS_ATTEMPTED	Char	1	0			
GRADE_POINTS	Nbr	10	3			

Field	Type	Length	Decimal	Index	Idx Pos	Asc/Desc
CRSE_ID	Char	6	0			
CRSE_OFFER_NBR	Nbr	2	0			
SESSION_CODE	Char	3	0			
CLASS_SECTION	Char	4	0			
ACAD_GROUP	Char	5	0			
SUBJECT	Char	8	0			
CATALOG_NUMBER	Char	10	0			
DESCR	Char	30	0			
SSR_COMPONENT	Char	3	0			
CRS_TOPIC_ID	Nbr	3	0			
SAA_DISPLAY_TOPIC	Char	1	0			
EQUIV_CRSE_ID	Char	5	0			
OVRD_CRSE_EQUIV_ID	Char	1	0			
START_DT	Date	10	0			
END_DT	Date	10	0			
CRSE_COUNT	Nbr	5	2			
CLASS_ENRL_TYPE	Char	1	0			
SAA_CRSE_TYPE	Char	1	0			
RQ_SCHOOL_TYPE	Char	4	0			

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Decimal</i>	<i>Index</i>	<i>Idx Pos</i>	<i>Asc/Desc</i>
GRADE_CATEG ORY	Char	4	0			
VALID_ATT EMPT	Char	1	0			
GRD_PTS_P ER _UNIT	Nbr	10	3			
RQMNT_DE SI GNTN	Char	4	0			
SUB_ACAD _G ROUP	Char	5	0			
SUB_CRSE _ID	Char	6	0			
SUB_SUBJ ECT	Char	8	0			
SUB_CATL G_ NBR	Char	10	0			
SAA_SUB _DES CR	Char	30	0			
OPRID	Char	30	0			
SAA_OPR ID_ N AME	Char	50	0			
SAA_DISP LAY _O PTION	Char	1	0			
STDNT_S UB_ N BR	Char	4	0			
DESCR25 4A	Char	254	0			

SAA_ADB_CRSEAVL

This table contains the courses that would be displayed in the Display Select Line in an advisement report. The field SAA_WHERE_DETAIL contains the filter needed to pull in courses, whether it is one course or a wildcard course.

Mapping from Previous Releases

The data in this table is new and cannot be mapped from the Analysis Database tables.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Decimal</i>	<i>Index</i>	<i>Idx Pos</i>	<i>Asc/Desc</i>
EMPLID	Char	11	0	Pri	1	Asc
ANALYSIS_D B_SEQ	Nbr	4	0	Pri	2	Desc
SAA_CAREER _RPT	Char	4	0	Pri	3	Asc
SAA_ENTRY_ SEQ	Nbr	4	0	Pri	4	Asc
SAA_COURSE _SEQ	Nbr	3	0	Pri	5	Asc
RPT_DATE	Date	10	0	Alt	1	Asc
TSCRPT_TYPE	Char	5	0	Alt	1	Asc
SAA_RPT_IDE NTIFIER	Char	10	0	Alt	1	Asc
COURSE_LIST	Char	9	0			
EFFDT	Date	10	0			
R_COURSE_S EQUENCE	Nbr	7	0			
RQRMNT_GR OUP	Char	6	0			
RQ_GRP_LINE _NBR	Char	4	0			
REQUIREMEN T	Char	9	0			
RQ_LINE_NB R	Char	4	0			
SUBJECT	Char	8	0			
CATALOG_NB R	Char	10	0			

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Decimal</i>	<i>Index</i>	<i>Idx Pos</i>	<i>Asc/Desc</i>
CRSE_ID	Char	6	0			
CRS_TOPIC_ID	Nbr	3	0			
RQMNT_DESIGNTN	Char	4	0			
DESCR	Char	30	0			
SAA_WHERE_DETAIL	Char	100	0			

SAA_ADB_CRSEUSE

This table contains the courses that are used in processing the requirements. The courses can be from an All-Stats, Verify, or Limit line.

Mapping from Previous Releases

This table contains the data from R_COURSE_USEAGE and R_COURSE_DIRECT. The following fields have been added that did not previously exist in either table: SAA_CAREER_RPT, SAA_ENTRY_SEQ, SAA_COURSE_SEQ, RPT_DATE, TSCRPT_TYPE, SAA_RPT_IDENTIFIER, RQ_GRP_LINE_NBR, RQ_AA_OVERRIDE, ASOF_DATE, DIRCT_TYPE, SAA_DISPLAY_OPTION, and SAA_OPRID_NAME.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Decimal</i>	<i>Index</i>	<i>Idx Pos</i>	<i>Asc/Desc</i>
EMPLID	Char	11	0	Pri	1	Asc
ANALYSIS_DB_SEQ	Nbr	4	0	Pri	2	Desc
SAA_CAREER_RPT	Char	4	0	Pri	3	Asc
SAA_ENTRY_SEQ	Nbr	4	0	Pri	4	Asc
SAA_COURSE_SEQ	Nbr	3	0	Pri	5	Asc
CRSE_TAG	Char	4	0	Pri	6	Asc
RPT_DATE	Date	10	0	Alt	1	Asc

Field	Type	Length	Decimal	Index	Idx Pos	Asc/Desc
TSCRPT_TYPE	Char	5	0	Alt	1	Asc
SAA_RPT_IDE NTIFIER	Char	10	0	Alt	1	Asc
RQRMNT_GRO UP	Char	6	0			
RQ_GRP_LINE _NBR	Char	4	0			
REQUIREMEN T	Char	9	0			
RQ_LINE_NBR	Char	4	0			
SEL_PROCESS _TYPE	Char	3	0			
SEL_MODE	Char	1	0			
IN_PROGRESS _GRD	Char	1	0			
UNT_TAKEN	Nbr	6	2			
UNT_EARNED	Nbr	6	2			
CRSE_COUNT	Nbr	5	2			
RQ_AA_OVER RIDE	Char	9	0			
ASOF_DATE	Date	10	0			
DIRCT_TYPE	Char	1	0			
SAA_DISPLAY _OPTION	Char	1	0			
SAA_OPRID_N AME	Char	50	0			
OPRID	Char	30	0			
DESCR254A	Char	254	0			

SAA_ADB_REPORT

This table contains the courses that are used in processing the requirements. The courses can be from an All-Stats, Verify, or Limit line.

Mapping from Previous Releases

This table contains the data from R_REPORT. The following fields have been added that did not previously exist in either table: SAA_CAREER_RPT, SAA_RPT_IDENTIFIER, ASOF_DATE, and SAA_RPT_DTTN_STAMP.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Decimal</i>	<i>Index</i>	<i>Idx Pos</i>	<i>Asc/Desc</i>
EMPLID	Char	11	0	Pri	1	Asc
ANALYSIS_DB_SEQ	Nbr	4	0	Pri	2	Desc
SAA_CAREER_RPT	Char	4	0	Pri	3	Asc
RPT_DATE	Date	10	0	Alt	1	Desc
RPT_TYPE	Char	4	0			
SAA_RPT_IDENTIFIER	Char	10	0	Alt	1	Asc
INSTITUTION	Char	5	0	Alt	1	Asc
TSCRPT_TYPE	Char	5	0	Alt	1	Asc
WHAT_IF_FL	Char	1	0			
ASOF_DATE	Date	10	0			
REPORT_REQUEST_NBR	Char	9	0			
SAA_RPT_DTTM_STAMP	NULL	26	0			

SAA_ADB_RESULTS

This table is new and contains detail information about Requirement Group, Requirements, Requirement Lines, Careers, Program, Plans, Subplans, Overrides, and Statistical Information about each area.

Mapping from Previous Releases

This table contains the data from R_RQRMNT_GROUP, R_REQUIREMENT, R_RQRMNT_LINE, R_RG_LINK, R_ORDER, R_CAREER, R_ACAD_PROG, R_ACAD_PLAN, R_ACAD_SUBPLAN, R_UNIT_CRSE_GPA, R_OVERRIDE_RG, R_OVERRIDE_RQ, and R_OVERRIDE_LN. The following fields have been added that did not previously exist in any of the tables: SAA_CAREER_RPT, SAA_ENTRY_SEQ, RPT_DATE, TSCRPT_TYPE, SAA_REPORT_IDENTIFIER, RQ_GRP_LINE_NBR, RQRMNT_LIST_SEQ, RQ_GRP_LINE_TYPE, RQ_AA_OVERRIDE, ASOF_DATE, SAA_PRINT_CNTL, SAA_DISPLAY_OPTION, SAA_DISPLAY_GPA, SAA_DISPLAY_UNITS, SAA_DISPLAY_CRSCNT, and SAA_OPRID_NAME.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Decimal</i>	<i>Index</i>	<i>Idx Pos</i>	<i>Asc/Desc</i>
EMPLID	Char	11	0	Pri	1	Asc
ANALYSIS_DB_SEQ	Nbr	4	0	Pri	2	Desc
SAA_CAREER_RPT	Char	4	0	Pri	3	Asc
SAA_ENTRY_SEQ	Nbr	4	0	Pri	4	Asc
RPT_DATE	Date	10	0	Alt	1	Asc
TSCRPT_TYPE	Char	5	0	Alt	1	Asc
SAA_RPT_IDENTIFIER	Char	10	0	Alt	1	Asc
ENTRY_R_TYPE	Char	6	0			
ACAD_CAREER	Char	4	0			
ACAD_PROG	Char	5	0			
ACAD_PLAN	Char	10	0			
ACAD_SUBPLAN	Char	10	0			
RQ_DATE	Date	10	0			
RQRMNT_GROUP	Char	6	0			
RQ_GRP_LINE_NBR	Char	4	0			

Field	Type	Length	Decimal	Index	Idx Pos	Asc/Desc
REQUIREMENT	Char	9	0			
RQ_LINE_NBR	Char	4	0			
RQRMNT_LIST_SEQ	Nbr	3	0			
RQ_GRP_LINE_TYPE	Char	4	0			
REQ_LINE_TYPE	Char	3	0			
DISP_SELECT_LINE	Char	1	0			
PARTITION_FAIL	Char	1	0			
UNITS_REQUIRED	Nbr	7	2			
SAA_UNITS_USED	Nbr	7	2			
UNITS_NEEDED	Nbr	7	2			
CRSES_REQUIRED	Nbr	7	2			
SAA_CRSES_USED	Nbr	7	2			
CRSES_NEEDED	Nbr	7	2			
SAA_CRSE_COUNT	Nbr	4	0			
GPA_REQUIRED	Nbr	7	3			
GPA_ACTUAL	Nbr	7	3			
RQ_AA_OVERRIDE	Char	9	0			
ASOF_DATE	Date	10	0			
RQ_OVRD_ACTION	Char	4	0			

Field	Type	Length	Decimal	Index	Idx Pos	Asc/Desc
OLD_MIN_UNITS	Nbr	7	2			
NEW_MIN_UNITS	Nbr	7	2			
OLD_MAX_UNITS	Nbr	7	2			
NEW_MAX_UNITS	Nbr	7	2			
OLD_MIN_CRS	Nbr	7	2			
NEW_MIN_CRS	Nbr	7	2			
OLD_MAX_CRS	Nbr	7	2			
NEW_MAX_CRS	Nbr	7	2			
REF_RQMT_GROUP	Char	6	0			
REF_REQUIREMENT	Char	9	0			
ITEM_R_STATUSES	Char	4	0			
SAA_PRINT_CNTRL	Char	4	0			
SAA_DISPLAY_OPTION	Char	1	0			
SAA_DISPLAY_GPA	Char	1	0			
SAA_DISPLAY_UNITS	Char	1	0			
SAA_DISPLAY_CRSCNT	Char	1	0			
OPRID	Char	30	0			

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Decimal</i>	<i>Index</i>	<i>Idx Pos</i>	<i>Asc/Desc</i>
SAA_OPRID_NAME	Char	50	0			
DESCR254A	Char	254	0			
SAA_HIDE_STATUS	Char	1	0			

SAA_ADB_RQDPLAN

This table contains the information about all required plans for a specific requirement group.

Mapping from Previous Releases

This table contains the data from R_RQDPLN_HEADER and R_RQDPLN_DETAIL. The following fields have been added that did not previously exist in either table: SAA_CAREER_RPT, SAA_ENTRY_SEQ, SAA_RQDPLN_SEQ, TSCRPT_TYPE, and SAA_RPT_IDENTIFIER.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Decimal</i>	<i>Index</i>	<i>Idx Pos</i>	<i>Asc/Desc</i>
EMPLID	Char	11	0	Pri	1	Asc
ANALYSIS_DB_SEQ	Nbr	4	0	Pri	2	Desc
SAA_CAREER_RPT	Char	4	0	Pri	3	Asc
SAA_ENTRY_SEQ	Nbr	4	0	Pri	4	Asc
SAA_RQDPLN_SEQ	Nbr	4	0	Pri	5	Asc
RPT_DATE	Date	10	0	Alt	1	Asc
TSCRPT_TYPE	Char	5	0	Alt	1	Asc
SAA_RPT_IDENTIFIER	Char	10	0	Alt	1	Asc
RQRMNT_GROUP	Char	6	0			
PLANS_NEEDED	Nbr	3	0			

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Decimal</i>	<i>Index</i>	<i>Idx Pos</i>	<i>Asc/Desc</i>
ACAD_CAREER	Char	4	0			
ACAD_PROG	Char	5	0			
ACAD_PLAN	Char	10	0			
ACAD_SUB_PLAN	Char	10	0			

SAA_ADB_WHATIF

This table contains student's academic structure information used in the report. This data is for all reports, not just what-if reports.

Mapping from Previous Releases

This table contains the data from R_WHAT_IF as well as the student's academic structure data if the request is not a what-if request. The following fields have been added that did not previously exist in either table: SAA_CAREER_RPT, SAA_WHATIF_SEQ, TSCRPT_TYPE, SAA_RPT_IDENTIFIER, STDNT_CAR_NBR, PLAN_SEQUENCE, and SUB_PLAN_SEQUENCE.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Decimal</i>	<i>Index</i>	<i>Idx Pos</i>	<i>Asc/Desc</i>
EMPLID	Char	11	0	Pri	1	Asc
ANALYSIS_DB_SEQ	Nbr	4	0	Pri	2	Desc
SAA_CAREER_RPT	Char	4	0	Pri	3	Asc
SAA_WHATIF_SEQ	Nbr	3	0	Pri	4	Asc
RPT_DATE	Date	10	0	Alt	1	Asc
TSCRPT_TYPE	Char	5	0	Alt	1	Asc
SAA_RPT_IDENTIFIER	Char	10	0	Alt	1	Asc
ACAD_CAREER	Char	4	0			
CAR_REQ_TERM	Char	4	0			

Field	Type	Length	Decimal	Index	Idx Pos	Asc/Desc
STDNT_CAR_NBR	Nbr	3	0			
ACAD_PROG	Char	5	0			
ACAD_PROG_TERM	Char	4	0			
PLAN_SEQUENCE	Nbr	2	0			
ACAD_PLAN	Char	10	0			
ACAD_PLAN_TERM	Char	4	0			
SUB_PLAN_SEQUENCE	Nbr	2	0			
ACAD_SUB_PLAN	Char	10	0			
ACAD_SUB_PLAN_TERM	Char	4	0			

Appendix D

Academic Advisement Reports

This appendix enables you to view summary tables of all reports.

Note. For samples of these reports, see the Portable Document Format (PDF) files published on CD-ROM with your documentation.

See Also

PeopleTools PeopleBook: Process Scheduler

Academic Advisement Reports: A to Z

This table lists the Academic Advisement reports, sorted alphabetically by report ID.

Note. On June 1, 2011, Oracle discontinued distribution of SAP's Business Objects Enterprise and Crystal Reports with PeopleTools.

Existing customers may use Business Objects Enterprise and Crystal Reports licenses previously received from Oracle.

Customers who wish to use future versions of Business Objects and Crystal Reports products with PeopleSoft will need to obtain appropriate license and support directly from SAP/Business Objects.

Report ID and Report Name	Description	Navigation	Run Control Page
SRCNDTBL Entity Group Table and Condition Table Reports	The condition table report lists all the dynamic conditions for the institution as of the As of Date field value. (SQR)	Academic Advisement, Advising Reports, Miscellaneous Reports	RUNCTL_SRMISRPT
SRDBTBLS Database Tables report	The database tables report lists all data stored in each academic advisement table for a specific student on a specific date. (SQR)	Academic Advisement, Advising Reports, Database Tables	RUNCTL_SRDBTBLS

Report ID and Report Name	Description	Navigation	Run Control Page
SRGRPADV Advisement Group Summary report	The advisement group summary report lists the contents (or structure) of a specific requirement group or all requirement groups that meet the criteria established for the report. This report is an easy way to verify the requirement groups for any academic program or plan. For example, if you need a printout of all the requirement groups that are defined for an undergraduate psychology major, you can run this report. (SQR)	Academic Advisement, Advisement Reports, Academic Requirement Group	RUNCTL_SRGRPADV
SRREVENG Reverse Engineering report	The reverse engineering report lists the results of a search for a requirement, course, course list, or condition. This report includes enrollment and academic advisement requirement groups, requirements, and course lists. (SQR)	Academic Advisement, Advisement Reports, Reverse Engineering	RUNCTL_SRREVENG
SRRQRADV Requirement Advisement report	The requirement advisement report lists the contents (or structure) of a specific requirement or all requirements that meet the criteria established for the report. This report is an easy way to verify the requirements for any academic program or plan. For example, if you need a printout of all the requirements that are defined for an undergraduate psychology major, you can run this report. (SQR)	Academic Advisement, Advisement Reports, Academic Requirement	RUNCTL_SRRQRADV

Report ID and Report Name	Description	Navigation	Run Control Page
SRTRPRNT Advisement report or Transcript report	<p>All advisement reports for a transcript request, or all transcripts for a transcript request. The transcript type you specify at run time determines which format the system uses (advisement or transcript).</p> <p>The advisement report is the degree audit report that reflects a student's progress toward graduation. This report is the core function of the Academic Advisement application.</p> <p>The transcript report reflects a student's course work, organized chronologically or by term. This report is used primarily by the PeopleSoft Student Records application. (SQR)</p>	Records and Enrollment, Transcripts, Batch Transcripts, Transcript Print	RUNCTL_SRTRPRINT
SR777 Advisement report or Transcript report	<p>A singular advisement report, or a singular transcript report. The transcript type you specify at run time determines which format the system uses (advisement or transcript).</p> <p>The advisement report is the degree audit report that reflects a student's progress toward graduation. This report is the core function of the Academic Advisement application.</p> <p>The transcript report reflects a student's course work, organized chronologically or by term. This report is used primarily by the Student Records application. (Crystal)</p>	Academic Advisement, Student Advisement, Student Advisement Report, Report Results	SA_REPORT_RESULTS

Report ID and Report Name	Description	Navigation	Run Control Page
<p>SR778M Advisement report or Transcript report</p>	<p>All advisement reports for a transcript request, or all transcripts for a transcript request. The transcript type you specify at run time determines which format the system uses (advisement or transcript).</p> <p>The advisement report is the degree audit report that reflects a student's progress toward graduation. This report is the core function of the Academic Advisement application.</p> <p>The transcript report reflects a student's course work, organized chronologically or by term. This report is used primarily by the Student Records application. (Crystal)</p>	<p>Academic Advisement, Student Advisement, Student Advisement Report, Request Detail</p>	<p>SA_REQUEST_DETAIL</p>

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