

# Grants Management Analysis

FI\_GM\_310



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Grants Management Anaysis

Grants Management Analysis FI\_GM\_310

## **Prerequisites**



- Prerequisites
  - UK\_100 SAP Awareness & Navigation
  - ◆ FI\_200 Finance Overview



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## **Course Content**



- Introduction
- Unit 1 Master Data
- Unit 2 Budgets
- Course Summary



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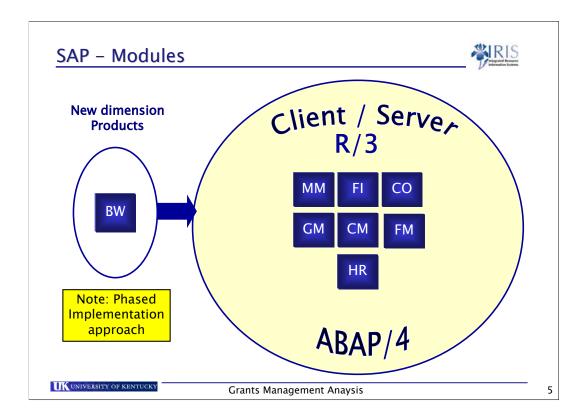
## **Learning Objectives**



- You will be able to explain:
  - Master data
  - Process changes
  - Key terminology
- You will be able to:
  - Display Master Data
  - Display Budgets
  - Run reports

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R/3 = refers to the SAP application providing real-time access to information using a three-tier system architecture. The three components of this architecture are the information database, the transaction application server, and the user desktop.

ABAP/4 = Advanced Business Application Programming, SAP's 4th generation programming language.

BW = Business Warehouse or Business Intelligence - Reporting tool

MM = Materials Management. MM contains both the purchasing functionality and Inventory Management

FI = Financial Accounting. FI is external, statutory reporting. It includes Accounts Receivable, Accounts Payable, General Ledger and Special General Ledger. It is the backbone of everything else, which is why it is going live first.

CO = Controlling. Controlling includes Cost Center Accounting and Internal Orders.

GM = Grants Management (used for grants and land grants)

FM = Funds Management (used to record and track budgets)

CM = Campus Management: Contract (student) Accounting, Visitor's Center, and Event Planning

HR = Human Resources, including Payroll

## Key Terminology Changes - Grants



Before SAP	In SAP		
Grant, Contract, Cooperative Agreement	Grant Type		
Sponsored Project (Ledger 4)/Grant	WBS Element/Grant		
Sponsor	Business Partner; Sponsor; Customer		
Prime and Scopes	Prime/Scope/Prime with Scopes		
PCS Code	Functional Area		
Dept No. & PCS Code	Sponsored Program		
Object Codes	G/L Accounts; Commitment Items; Sponsored Class		
ABR Rule	BudRule		
Sponsor ID number	External Reference		
F&A Rate	Indirect Rate		

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◆Changes made are through Accounts Receivable & Sales

### Introduction to Grants Management



- Grants Management is a module designed to provide institutes of higher education with an integrated tool to:
  - Plan, budget, identify, obtain, and record all funding related to sponsored projects
  - Differentiate between eligible and ineligible costs
  - Bill and record sponsor amounts
  - Record and report all related costs, revenues, and required statistical information

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#### **Grant Master Data Definitions**



- Grant Financial and legal rules agreed upon by UK and the sponsor
- WBS Elements Used for posting costs. Number = Grant Number
- Grants Management Assignments Associates WBS Element to a Sponsored program
- Derivation Strategy for FM Objects Associates WBS Element to Fund
- Groups Used in SAP to facilitate reporting. Most standard SAP reports can be run using individual values or groups.

Grant group

Sponsored Program groups

Sponsored Class groups

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#### Unit 1 - Master Data



- Display Grant
- Display Grant Group
- Create a Grant Group
- Display Sponsored Program
- Create a Sponsored Program Group

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#### **Display Grants**



- Contain financial conditions and legal rules agreed upon by the sponsor and the University which may require financial reporting.
- Grants can cover project costs partially or in total
- It has a limited life cycle, split into phases, indicated by a status in GM as follows:
  - Proposal; Draft: The proposal is a complete formal document, including budget
  - \* Award; Expected: The sponsor has indicated that the grant will be approved, but the fully executed award has not been received.
  - Award; Award: The sponsor approves the grant and a fully executed award is received
  - Award; 30 days to End Date: The award is 30 days from expiring, the award is closed to new commitments.

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#### **Display Grants**



- Life cycles continued:
  - \* Closing/Ended: If an award is expired and is only open for central department processing (ex. 30-60 days after end date)
  - Closing/30+ Days Past End: The grant has expired and is open only to SPA staff entries (ex. >60 days after end date)
  - \* Closing/Accounting Review: The grant has expired, and is closed to all postings except the financial administrator closing the grant. No further entries are allowed,
  - \* Closing/Financially Closed: The final report has been completed and waiting on final cash receipt.
  - Closed/Closed: The final report has been completed and the final cash receipt has been posted. Ready for records retention tracking.
  - Cancelled/Rejected by Sponsor. Grant was terminated for internal reasons or the sponsor rejected the application.
  - Grant must be in Award status in order to begin posting



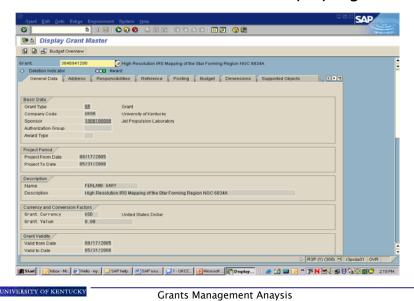
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## **Display Grants**



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• Use transaction GMGRANTD to display a grant



#### Grant Master Data - By Tab (1)





- The <u>General tab</u> contains important information like the sponsor, the grant value and the validity dates of the grant
- The <u>Address tab</u> contains the address information for the department at UK
- The <u>Responsibilities tab</u> contains all responsible persons and/or positions associated with the administrative, business or technical aspects of this grant
- The <u>Reference tab</u> contains the external sponsor reference numbers, Catalog of Federal Domestic Assistance (CFDA) numbers, letter of credit numbers and internal reference numbers associated with this grant

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#### Grant Master Data - By Tab (2)

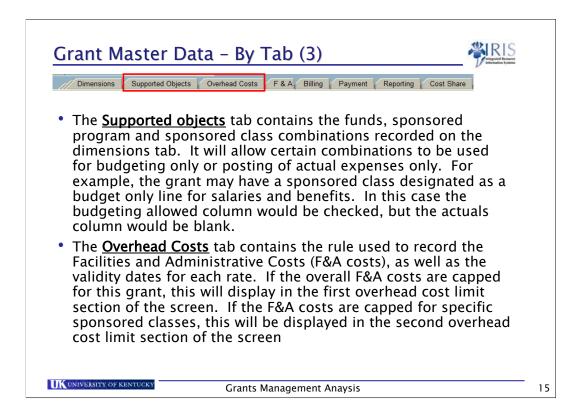


General Data Address Responsibilities Reference Posting Budget

- The <u>Posting tab</u> contains posting activity types and allow the user to determine if all or specific postings are blocked on this grant.
- The **Budget tab** contains the fiscal year variant of the grant and how the budget will be split. It also displays information about the format in which budget information will be displayed in other areas of the grants management system. The green box indicates where the money is.
- The **Dimensions tab** contains both external and internal funds used to record expenses and revenues associated with this grant. The sponsored program and sponsored class sections display information about how the grant will be budgeted. The sponsored class section also details whether the sponsored classes will be relevant for recording facilities and administrative costs associated with the grant.

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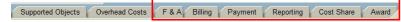


#### ◆F & A - Facilities and Administration

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#### Grant Master Data - By Tab (4)





- The <u>F&A Info</u> tab contains all information relevant for the calculation of the F&A rate
- The Billing tab, contains information about the type of billing rule and the sales document used for grant funds recovery or billing purposes
- The <u>Payment</u> tab contains the customer information for payment
- The <u>Reporting</u> tab contains all information required for external and internal reporting
- The <u>Cost Share Data</u> tab contains the cost share method, validity dates, associated cost centers, reporting frequency and reportable information
- The <u>Award Data</u> tab contains all the years for the award and the award amount for each year

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## **Display Grant Master**



#### Do exercise 1.1

Display Grant - GMGRANTD

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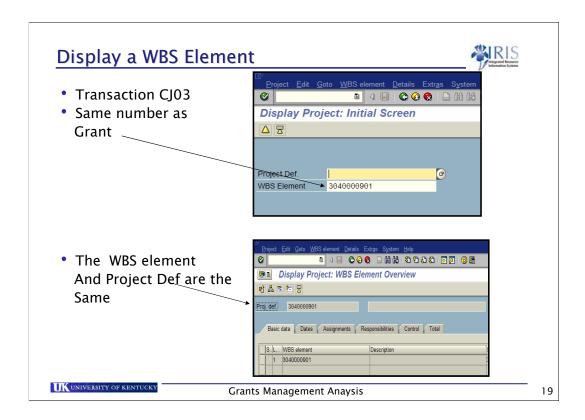
#### **WBS Elements**



- · Costs are posted to grants using WBS elements
- A Grant related WBS elements has the same number as the grant for which it is created
- The WBS element needs to be associated with a Sponsored Program through GM Assignments (GMDERIVER)
- The WBS element needs to be associated with a fund through FM Assignments (FMDERIVER)

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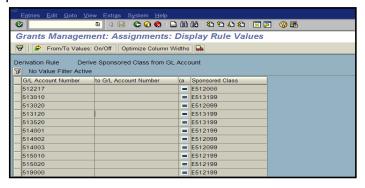
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#### **Sponsored Classes**

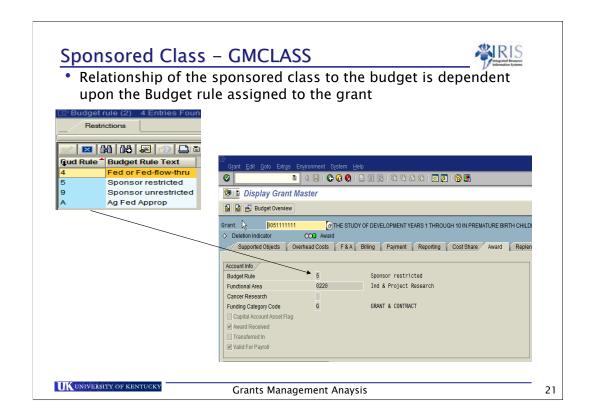


- Used to group revenue and expenses for reporting. G/L expense and revenue account are assigned to a Sponsored class.
- A Sponsored class can represent a single G/L account or a group of G/L accounts.
- Example:



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## **Sponsored Classes**



 There is a spreadsheet located on OSPA's website that gives you the g/l account breakout by sponsored class.
 The first three columns show the budget class by budget rule.

http://www.rgs.uky.edu/ospa/resources/sponsoredclass.xls

		U	U	U		I	٠	11
					Direct			
	Budget posted	Budget posted	Budget posted		Expense			
	for Budget	for Budget Rule	for Budget Rule	Sponsor	allowed on		G/L	
1	Rule 4	5	9	Class	grant	Sponsor Class Description	Accounts	Revised short title
2	N/A	E510000	E500000	E510000		All Salary & Benefits (Budget)	510000	Personnel
3	E511000	E510000	E500000	E511000	*	Direct Salary & Benefits	511000	Direct Salary & Benefits
4	E511000	E510000	E500000	E511011	*	Faculty Salary	511011	Faculty-FT Regular
5	E511000	E510000	E500000	E511011	*	Faculty Salary	511012	Faculty- FT Nonprodu
6	E511099	E510000	E500000	E511099		Faculty CAS Salary	511013	Faculty- FT Prem/Bon
7	E511099	E510000	E500000	E511099		Faculty CAS Salary	511014	Faculty- FT Prac Bon
3	E511000	E510000	E500000	E511011	*	Faculty Salary	511021	Lecturer- FT Regular

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#### Groups

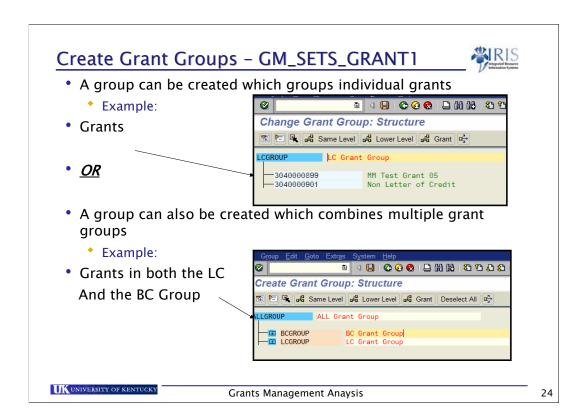


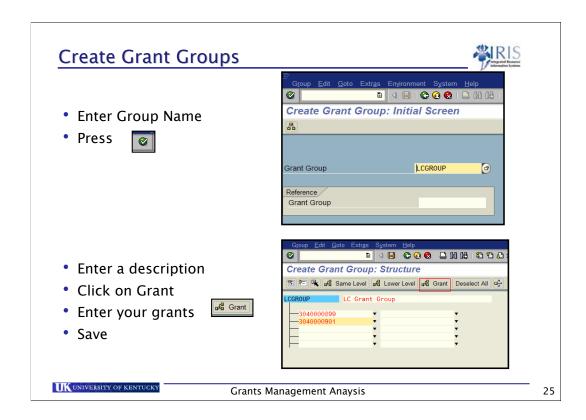
Groups in SAP are used to facilitate reporting. Most standard SAP reports can be run using individual values or groups.

- Grant Group used for consolidating multiple grants for reporting purposes. Example: An investigator asks the college grants officer for a report of budget and actual expenses on all grants for which she/he has responsibility.
- Sponsored Class Groups group Sponsored classes together for reporting purposes. Example: A group may be created to display all salaries (faculty or staff) as one line item on a standard SAP report. SPA creates the groups.
- Sponsored Program Groups sponsored programs need to be grouped for reporting purposes. Example: All grants in the department of Animal and Food Sciences.

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## **Create Grant Groups**



#### Do exercise 1.2

Create Grant Groups - GM\_SETS\_GRANT1

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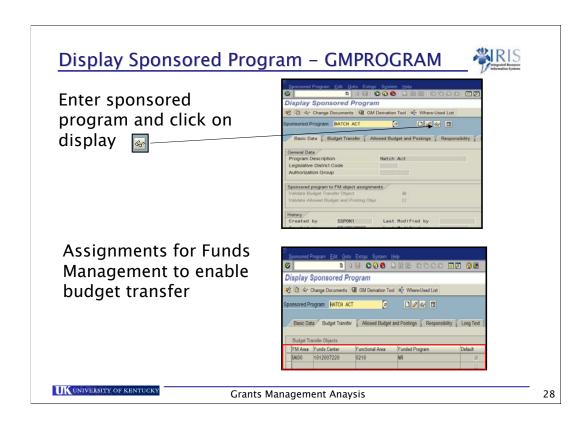
## **Sponsored Program**



- It is used to classify revenues and expenditures of a grant by mission
- Sponsored programs are linked to grants via assignment to a WBS element

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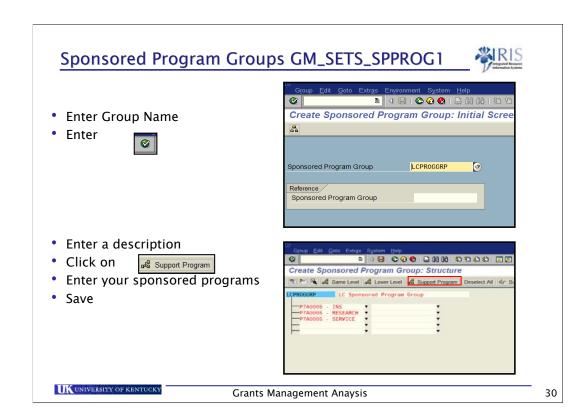
## **Sponsored Program Groups**



- Various sponsored programs may be grouped for reporting purposes.
- Example:
  - Federal formula-funded research programs in the College of Agriculture
  - \* All grants in the department of Internal Medicine, regardless of functional area

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## **Sponsored Program**



#### Do exercises 1.3 and 1.4

Display a Sponsored Program - GMPROGRAM

Create a Sponsored Program Group - GM\_SETS\_SPPROG1

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## Unit 1 - Summary



You are now able to:

- Display Grants
- Create Grant Groups
- Display WBS Elements
- Display Sponsored Classes
- Display Sponsored Programs
- Create Sponsored Program Groups

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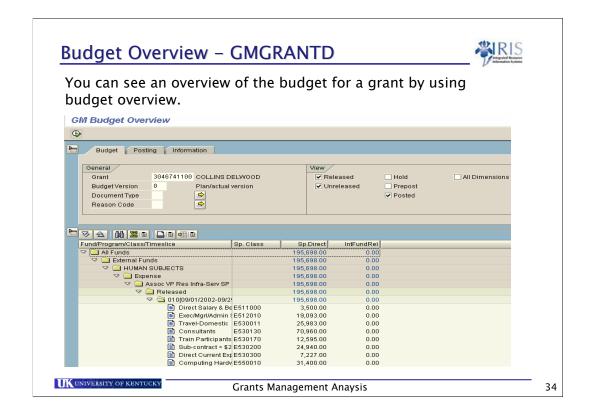
## Unit 2- Budgets



- Display Budget
- Budget Overview
- Budget vs. Commitment/Actuals

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#### **GMAVCOVRW**



- This T code will give you the overall grant balance and allows you to view the balance by sponsored class.
- Click on the "variant" button; hoose "UK default variant"; click on green checkmark.
- Enter grant number.
- Click on "execute" button.
- Click on the Grant line.
- Click on the double drop-down button expand your grant information into sponsored classes.

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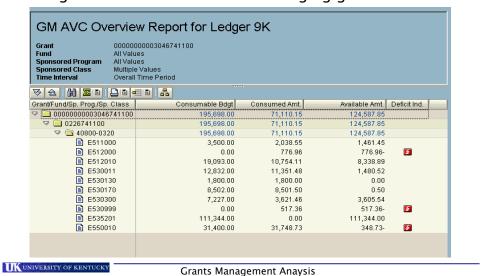
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#### **Budget Overview - GMAVCOVRW**



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 You can see an overview of the budget for a grant by using the transaction code for managing grants

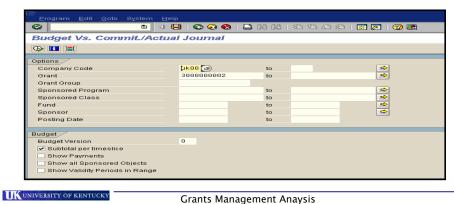


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## Budget vs. Commit./Actual



- Use transaction code S\_ALN\_01000003 for the Budget vs. Commit./Actual report which will show you available balance and allows for the drill down on transaction.
- The Selection criteria allows you to choose to report on one grant, a range of grants, all grants (leave blank for all) or a grant group



## Budget vs. Commit./Actual



- Click on "variant" button
- Erase your user ID
- Click on "execute" button
- Choose
  - "Direct Exp" if you only want total direct balance
  - "Exp Only" if you want to direct & indirect balance
- Click on green checkmark.
- Enter grant number. (Enter only after you have selected variant.)
- Click on "execute" button.

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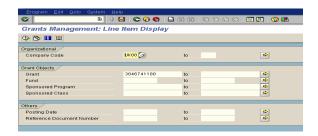
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#### Budget vs. Commit./Actual • You can drill down on a transaction. Just click on the RefDcoument number. Budget Vs. Commit./Actual Journal Posting Dates: Budget Version: Currency: By Grant Validity 000-Plan/actual version Grant Currency Budget Vs. Commit./Actual Journal Items Available z Budget Amt Internal Text 0.00 128,975.76 0.00 Expenses/Re 0.00 129,095.76 0.00 Expenses/Re Invoice Open Items 3046741100 0.00 Expenses/Revenues [Grant] 120.00-0.00 Expenses/Revenues [Grant] 100.64 0.00 128,995.12 0.00 Expenses/Revenues [Grant] 0.00 Expenses/Revenues (Grant) 158.67 0.00 128.836.45 126,695.29 0.00 Expenses/Revenues [Grant] 10/26/2005 7000000128 512212 E512011 7000000128 520015 E522000 0.00 713.72 0.00 125,981.57 0.00 125,928.83 0.00 Expenses/Revenues [Grant] 10/26/2005 0.00 52.74 0.00 Expenses/Revenues [Grant] 10/26/2005 7000000128 520720 E522000 0.00 33.55 0.00 125,895.28 0.00 Expenses/Revenues [Grant] 0.00 125.896.46 11/01/2005 6700007736 639305 E530400 0.00 1.18-0.00 Transfer postings 11/30/2005 7000000578 520720 E522000 0.00 125,888.37 0.00 Expenses/Revenues [Grant] 0.00 11/30/2005 7000000578 520015 E522000 0.00 12.66 0.00 125.875.71 0.00 Expenses/Revenues [Grant] 11/30/2005 7000000578 512212 E512011 0.00 125,703.65 0.00 Expenses/Revenues [Grant] 0.00 172.06 6700008997 639305 E530400 7000000858 512212 E512011 1.18-713.72-11/30/2005 0.00 0.00 125,704.83 0.00 Expenses/Revenues [Grant] 12/21/2005 0.00 0.00 126,418,55 7000000858 520015 E522000 0.00 126,471.29 0.00 Expenses/Revenues [Grant] 12/21/2005 7000000858 520720 E522000 0.00 33.55-0.00 126,504.84 0.00 Expenses/Revenues [Grant] UK UNIVERSITY OF KENTUCKY Grants Management Anaysis 39

#### S\_PLN\_16000269 - Grants Management: Line Item Display



On the Grants Management: Line Item Display report you can view a budget transfer and also see cash receipts.



Fill in the Company Code, Grant and click on execute.

Then click Select layout button and choose /GMVALUETYPE.

Select layout and choose /CASHONGRANT for the cash receipts on the Grant.



## Unit 2 - Summary



- You are now able to:
  - Display a budget
  - Budget overview

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## Do Unit Two Review Questions

Refer to Exercise Booklet

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## **Course Summary**



- You can describe:
  - Grants Management
- You are now able to:
  - Display GM Master Data
  - Display GM Budget
  - Run Budget report



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