IS-HER-CM Campus Management

SAP ERP Central Component

Release 6.0

Release Notes



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28 IS-HER-CM Campus Management

28.1 Activation of Campus Management in ERP 2005 (New)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

The Campus Management product, as part of the SAP for Higher Education & Research Industry Business Solution, belongs to *SAP ECC Industry Extension Public Services 6.0* as of the product version *SAP IS-HER-CM 6.0*. If you want to run *Campus Management*, you have to activate the CAMPUS_MANAGEMENT Business Function Set (BFS).

When you upgrade your system from IS-PS-CA 4.64, 4.71 or 4.72, you must choose one of the following BFSs:

- CAMPUS_MANAGEMENT
  Choose this BFS if you want to use the *Campus Management* product.
- PUBLIC_SERVICES
  Choose this BFS if you want to use the *Collection and Disbursement (PSCD)* product without *Campus Management*.

Both BFSs are compatible with previous releases of the IS-PS-CA software component. When you perform an upgrade, the system activates the relevant business functions (BFs).

When you install and implement *Campus Management* for the first time, you must choose the CAMPUS_MANAGEMENT BFS in transaction SFW5 and activate the required BFs.

The following BFs are relevant for *Campus Management*:

- ISHERCM_MAIN
  This BF activates programs and other objects that are relevant for customers who use *Campus Management*.
- ISHERCM_SETTINGS
  This BF activates the Customizing tools that are relevant for customers who use Campus Management.
- ISHERCM_REP
  This BF activates the Customizing tools for the country-specific *Campus Management* functions that are relevant for customers in the United States.
- ISHERCM_UCAS
  This BF activates the Customizing tools for the country-specific *Campus Management* functions that are relevant for customers in Great Britain.
- FICA_FM
  This BF activates integration with the Funds Management application of Contract Accounts Receivable and Payable (also see SAP Note 834815).

The following table shows which BFs are always switched on in the BFS (*always active*) and which BFs

are automatically activated during the upgrade if the BFS is switched on (*activated during the upgrade)*.

BF name	Always active	Activated during the upgrade
ISHERCM_MAIN	Yes	Yes
ISHERCM_SETTINGS	Yes	Yes
ISHERCM_REP	No	Yes
ISHERCM_UCAS	No	Yes
FICA_FM	No	Yes
PSCD	Yes	Yes

The BF PSCD (Public Sector Collection & Disbursement) is not visible, but it is active in the background. The following BFs of PSCD are not relevant for Campus Management:

- PSCD_GRANTOR (*Public Sector Grantor Management*)
- PSCD_SETTINGS (*PSCD Customizing & Settings (BC-Sets)*)
- PSCD_TRM (*Public Sector Tax & Revenue Management*)

Effects on System Administration

Activate the relevant BFSs (see above).

When you upgrade to product version SAP IS-HER-CM 6.0, all of the BFs listed in the above table are activated.

In a new installation, only the following BFs are switched on:

- ISHERCM_MAIN
- ISHERCM_SETTINGS
- PSCD

You can also activate the other BFs in a new installation.

28.2 IS-HER-CM-AD Administration

28.2.1 Activity-Based Hold Type and Status Type Checks (Enhanced)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

The system determines whether status types or hold types are active for a given activity from student or study data.

The respective activities were added to the existing VSR structures. When you define a rule, you can now check the activity in a prerequisite check before checking the actual rule. The system therefore checks the

rules only for certain activities.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

If you want the system to perform an activity-based hold and status type check, you must assign an activity to each callup point at which this check should be performed. You make this setting in Customizing for *Campus Management* in the IMG activity Assign Hold Types to Callup Points and Activities.

28.2.2 Ad Hoc Correspondence in the Student File (Enhanced)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

Up to now, you could only create student or admission correspondence using the mass correspondence transactions. Now you can also create ad hoc correspondence on the *Correspondence* tab page in the *Student File*.

The user interface for ad hoc correspondence has been changed. You can now use the *Create Correspondence* button on the *Correspondence* tab page to create or to create and print ad hoc correspondence.

The system still displays the correspondence you have created (or created and printed) on the tab page, either in tabular form or in a tree structure. You must define the application form which the system should use when it creates correspondence (see below).

The new functions have been integrated in the existing correspondence dialog functions. The system also uses the functions of the *Contract Accounts Receivable and Payable* component (FI-CA) when it creates single correspondence.

Effects on System Administration

It is not possible to create ad hoc correspondence in the background as single correspondence.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

Before you can create ad hoc correspondence in the student file, you must define an active application form, and make the other necessary settings for correspondence creation. You can define the application form in the IMG activity Define Application Forms for Ad Hoc Correspondence.

28.2.3 Additional Activities for Admission Application and Admission (Enhance

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

You can now perform the following activities from the *Admission* tab page in the student file:

- **Withdraw admission application** (AD13)
  This activity is used when the applicant withdraws the admission application before admission is granted.
- **Decline offer of admission** (AD14)
  This activity is used when the applicant declines the university's offer of admission.
- **Reverse decision** (AD15)
  This activity is used when the applicant reconsiders the decision to withdraw the admission application or decline the offer of admission.

These new functions were integrated in the existing admission functions. The functions of the following *Admission* tab page pushbuttons were enhanced:

- The *reject admission application* pushbutton was renamed to *Reject/Reverse* (like the icon |@F1@) and now contains the following selectable functions:
  - Reject admission application (activity AD06)
  - Withdraw admission application/decline offer of admission (activities AD13 and AD14)
    Which activity the system performs depends on the admission application status:
    Created status: **Withdraw admission application** activity
    Approved status: **Decline offer of admission** activity
    During these two activities, the system also enters the relevant text in the status supplement field.
- The *undo admission/rejected admission application* pushbutton was renamed to *Undo/Reverse* (like the icon |@Q3@) and now contains the following selectable functions:
  - Undo admission/rejected admission application (activities AD11 and AD12)
    Which activity the system performs depends on the *admission application status*:
    Approved status: **Undo admission** activity
    Rejected/withdrawn status without a status supplement: **Undo rejected admission application** activity
  - Reverse decision (activity AD15)
    The admission application status is reset as follows depending on the status supplement:
    Status supplement **withdraw admission application** (AD13):
    The system resets the admission application status to **created**.
    Status supplement **offer of admission declined** (AD14):
    You can specify whether the *admission application status* should be reset to **created** or **approved** (=admitted) in the given dialog box. When the system resets the *admission application status* to **approved**, the system performs the same VSR rule checks as it does in the **execute admission** activity (AD05).

The new *date of admission application receipt* field appears when you perform the following

activities:

- Create admission application (AD01)
  When you create an admission application, the system proposes the system date. You can overwrite this entry.
- Change admission application (AD02)
- Execute admission (AD05) if no admission application was created
- Change admission (AD07)
- Change of program in admission application (AD09)
- Change of program in admission (AD10)

The following callup points were created for the new activities:

Callup point	Description
0413	Withdraw admission application
0414	Decline offer of admission
0415	Reverse decision

You can use these callup points to block these activities.

Effects on Existing Data

The following fields were added to the structure PAD530 (*Additional Relationship Data*):

- Status supplement
- Decision date of the rejection or admission
- Date of admission application receipt
- Date of withdrawal or declination

Effects on Data Transfer

The following fields were added to the structure PIQRFC_ADMISSION (*Student Admission Data*) which is also used for RFC function modules:

- Status supplement
- Decision date of rejection or admission
- Date of admission application receipt
- Date of withdrawal or declination

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

28.2.4 Admission Audits (New)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

You can now run an audit before you admit students to a program of study (admission audits). When you activate the admission audit function for a program, the system automatically creates an assessment process with the predefined requirements for this program.

The system now also automatically recognizes and duns outstanding requirements, such as missing documents. You can create a dunning notice with the *dun inbound correspondence* function which is available in the Print Workbench. You can also use all of the other setting options that this tool offers.

You can manage inbound and outstanding documents by connecting to SAP Records Management (RCM). For more information, see Release Note Integration of SAP Records Management.

Effects on Existing Data

The new function must be explicitly activated in the *Program Data* infotype (1730) of each program in which it is used. To activate this function, set the indicator Use Assessment Process.

The activation must be valid at the beginning of a semester to avoid problems with existing admission applications for this program.

Effects on System Administration

You should schedule the job for dunning outstanding inbound correspondence at regular intervals.

If you want to use *SAP Records Management*, you must configure the system accordingly.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

Make the settings for dunning of inbound correspondence in Customizing for *Campus Management* under *Campus Management Processes -> General Settings -> Correspondence -> Inbound Correspondence*.

Make the settings for admission audits in Customizing for *Campus Management* under *Campus Management Processes -> Audits*.

See also

Release Notes

- Integration of SAP Records Management
- Audits

28.2.5 Output of PDF-Based Print Forms with Adobe Forms (New)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

You can now output applications forms on the basis of PDF-based print forms.

In a PDF-based print form, you create the interface separately from the form in the Form Builder. When you have created the interface, you can assign a form to it, and then define which data of the interface you want to use in the form.

The standard system contains two example applications forms for PDF-based print forms:

- ISHERCMAC_INVOICE_SAMPLE_PDF
  This PDF-based print form is a copy of Smart Form ISHERCMAC_INVOICE_SAMPLE.
- ISHERCM_CORR_DUNN_SAMPLE

You can still output forms in **SAPscript**, **Smart Form**, or **Collection** format.

Effects on Data Transfer

The data of the PDF-based print form is now separate from that of the interface.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

28.2.6 Adobe Forms in ISR (New)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

You can now use Adobe forms for ISR scenarios.

The SAP standard system contains an example form for the admission application (form ISHERCM_ISR_ADM_TMPL_PDF).

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

When you define ISR scenarios, you can specify that an Adobe form be used to enter application data. You define the ISR scenario in Customizing for *Internet/Intranet Services* under Define Scenarios.

See also

Also read the ISR Release Note on ADOBE.

28.2.7 Appraisal Self-Service (Enhanced)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

SAP has made the following enhancements in the appraisal application so that the system supports appraisal self-service:

- The appraiser is determined from the user
- The appraiser is assigned to an appraisal object
- The appraisal type is assigned to an appraisal object
- The scale for an appraisal object is assigned
- The authorization profile for appraisal self-service is assigned

These enhancements support all the backend functions needed to run appraisal self-service. The enhancements have no effect on the existing appraisal transaction (transaction code PIQSMFU).

Effects on System Administration

You must grant the users of all appraisers in *Campus Management* the following authorizations so that they can run appraisal self-service:

- Authorization object: S_SERVICE
- SRV_TYPE field: WEBDYNPRO
- SRV_NAME field: *

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

You make the settings for the above enhancements in Customizing for *Campus Management* under *Campus Management Processes -> Appraisal*. The following IMG activities are new:

- All IMG activities in the **Authorizations** section
  The SAP standard system contains standard Customizing settings for appraisal authorizations, which you can adopt or change according to your requirements.
- *Business Add-Ins for appraisal self-service*
- Define Standard Settings for Calculation
- Switch Automatic Assignment of Creating Appraiser On/Off
- Switch Automatic Assignment of Creation Date On/Off

28.2.8 Archiving of Student Data (New)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

You can now archive the student data you no longer need with the new archiving functions. You can find these new functions in the *SAP Menu* under *Campus Management -> Tools -> Data Archiving.*

Archiving of Fee Calculation Documents

You can archive fee calculation documents with the archiving object HRIQ_FEE. The system supports the following scenarios:

- Archiving of fee calculation documents for students created up to a certain date
- Archiving of fee calculation documents for students selected with a selection method

You can display archived fee calculation documents in the Fee Calculation History. If archived fee calculation documents exist, the *Display Archived Data* pushbutton appears on the screen.

Archiving of Study Data

The system supports archiving of study data. You can archive study data in the following steps:

- Set archiving flag for study data
  You can set an archiving flag for the study data of students selected with a selection method.
- Archive study data
  You can archive study data with the archiving object HRIQ_STYDT. The system archives the study data which is flagged for archiving for students selected with a selection method.

You can display archived study data in the Student File and Academic Work Overview. You can still generate correspondence for students whose study data has been archived.

Archived study data cannot be changed. However, you can rebuild archived study data in the system if you want to edit it. This could be the case if you need to change a transcript after it has been archived, or if a former student decides to take up degree studies some years after having earned the first degree. Once the study data is rebuilt, all academic work and qualifications of the previous studies are available for *Campus Management* follow-up processes.

Archiving of Student Master Data

The system supports archiving of student and applicant master data. You can archive this data in the following steps:

- Set the archiving flag for student master data
  You can set the archiving flag for the master data of students selected with a selection method.
- Archive student master data
  You archive student master data with the archiving object CA_BUPA. The system archives the student master data which is flagged for archiving of the student business partners selected on the selection screen.

Archived student master data cannot be displayed in the dialog transaction for student master data. However, you can display archived student master data in the archive explorer with the archive

information structure SAP_HRIQ_BUPA1.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

If you want to access or display an archive, you must first activate the relevant archive infostructure. You can activate archive infostructures in Customizing for *Campus Management* under *Basic Settings -> Tools -> Data Archiving*.

28.2.9 Assessment and Assessment Process Functions (Enhanced)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

The following functions were added to the academic records application:

- Additional functions for generating scheduled assessments
  - Support for intervals
    When you generate scheduled assessments, you can now insert an interval between two consecutive scheduled assessments.
  - Postprocessing of generated scheduled assessments
    You can edit the scheduled assessment list which the system generates before saving it. This means you can delete specific scheduled assessments or all of them, if you like.
- Determining the expected assessment processes
  - Business add-in (BAdI) for determining expected assessment processes
    With the BAdI HRPIQ00EVOBJ_FILLEXP>Determine Expected Assessment Processes (HRPIQ00EVOBJ_FILLEXP), the system can now determine the expected assessment processes for module-related and program-related assessments.
  - Default code for determining expected assessment processes
    Default code is delivered for the BAdI *Determine Expected Assessment Processes* (HRPIQ00EVOBJ_FILLEXP). The default code for module-related assessments corresponds to SAP's standard algorithm for release CM 4.72.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

28.2.10 Assessment Processes (Enhanced)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

You can now use assessment processes for admission and graduation. However, not all of the assessment process functions are available in these two processes. The assessment editing interface has therefore been adjusted accordingly as follows:

- Edit assessment (transaction code PIQEVALM)
  You cannot create scheduled assessments for **admission** audit type assessments.
- Edit assessment process (transaction code PIQEVALREGM)
  You cannot create registrations for **admission** and **degree** audit type assessments. Registrations can only be created within the processes and relevant transactions.

Effects on System Administration

You can still display and edit the assessment processes you used to administer your graduation records in the previous release (4.72).

However, if you want to create new graduation records, you must use the transactions in the **graduation** application as of this release.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

See also

Release Notes

- Admission Audit
- Graduation

28.2.11 Audits (Enhanced)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

The system now sets the status value **complete** or **incomplete** for the personal requirement profiles of students.

The system sets the status **incomplete** only under the following conditions:

- If a requirement element belongs to the "subrequirement" requirement category .

- If no subrequirements exist for a requirement element when the personal requirement profiles are generated.

You may not execute an audit run for a requirement profile which is flagged as **incomplete**.

Effects on Existing Data

Since the initial value of the database field corresponds to the value **complete**, all existing requirement profiles (created before this release) automatically have the status **complete**.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

Since the *requirement category* of the requirement elements determines the requirement profile status, you should check the requirement elements in Customizing for *Campus Management* in der IMG activity Define (Abstract) Subrequirements.

28.2.12 Audit Trail (Enhanced)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

An audit trail can now be created in the following functions:

- Student master data
- Re-registration
- Qualification conferment
- Academic specialization booking
- Equivalency determination
- Exchange studies

The audit trail enables users to keep track of which data was changed when and by whom.

Student Master Data

In student master data maintenance, the system logs changes in the following infotypes by means of change documents:

- 1701 (*Status Attributes*)
- 1702 (*Personal Data*)
- 1703 (*Challenge*)
- 1704 (*Additional Personal Data*)
- 1705 (*Individual Study Data*)

- 1706 (*Fee Calculation Data*)
- 1711 (*Residence Data*)
- 1712 (*Visa*)
- 1718 (*Employment*)
- 1719 (*External Transcripts*)

You can display change documents in student master data via the following menu paths:

- *Extras -> Change Documents -> For This Student*
- *Extras -> Change Documents -> For This Tab Page*

UCAS (Only Relevant for Great Britain)

The system uses special UCAS functions to log changes in the following UCAS-specific infotypes by means of change documents:

- 1782 (*UCAS: HESA Data*)
- 1783 (*UCAS: Program Choices*)
- 1785 (*UCAS: School Results*)
- 1786 (*UCAS: Clearing Details*)

Academic Specializations

The audit trail for academic specialization bookings includes activity documents in combination with change documents. The system logs data changes in infotype 1001 (*Relationships*) with subtype 516 by means of change documents.

The new activity CB05 (*Academic Specializations: ExtendedMaintenance*) was created to enable users to differentiate between regular data processing and the extended maintenance dialog. The system checks this activity in the authorization check for extended maintenance.

You can display the activity documents and the associated change documents on the *Activity Documents* tab page of the student file.

Re-registration

Detailed data was added to the activity documents for re-registration. The system logs changes in the following infotypes:

- 1769 (*Study Segment*)
- 1770 (*General Data*)
- 1771 (*Registration/Re-registration*)
- 1001 (*Relationships*) with subtype B516

The system logs changes to detailed data in change documents. You can display these documents via the respective activity documents on the *Activity Documents* tab page in the student file.

Qualification Conferment

Detailed data was also added to the activity documents for qualification conferment. The system logs data changes in infotype 1001 (*Relationships*) with subtype 523 and in the appraisal database tables. The

system records changes in detailed data in change documents. You can display these change documents in the respective activity documents on the *Activity Documents* tab page in the student file.

Equivalency Determination

Detailed data was added to the activity documents for equivalency determination. The system logs the following data changes in change documents:

- Infotype 1001 (*Relationships*) with subtype 506 (*module booking*)
- Infotype 1001 (*Relationships*) with subtype 532 (*qualification conferment*)
- Infotype 1725 (*Academic Work Usage*)
- Database tables for appraisals

The system logs changes to detailed data in change documents You can display these change documents via the respective activity documents on the *Activity Documents* tab page in the student file.

Exchange Studies

Data on exchange studies is saved in infotype 1714 (*Visiting Studies*). The system logs data changes in change documents. You can display these documents by clicking the *Display Change Documents* button on the visiting studies detail screen.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

You can activate change document writing by enabling BC Set ISHERCM_INFTY_CHDOC.

28.2.13 Extractors for 3.5.3 Business Content in Campus Management

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

The extractors for 3.5.3 business content retrieve data for *Campus Management* business content. These extractors enable you to transfer data from *Campus Management* to the *Business Information Warehouse* where you can perform OLAP reporting for SAP-defined and user-defined queries.

The extractors are one part of the business content developed for *Campus Management*. The other part comprises the actual business content that was delivered in Business Content Release 3.5.3.

The extractors which were developed for transaction data, master data, and texts are subdivided as follows:

- Master data
  - Program
  - Student
  - Study

    - etc.
- Transaction data
    - Admissions
    - Registrations
    - Academic specializations
- Texts
    - Program
    - Registration type
    - Campus
    - etc.

The extractors for the following objects support delta extraction:

- Student
- Study
- Admissions
- Registrations
- Academic specializations

Because delta extraction is set, the *Campus Management* system only transfers changed data to the *Business Information Warehouse*. All other extractors in this business content release do not support delta extraction becasue the other objects are ones with only slight data changes.

Effects on Customizing

You make the settings for data transfer in Customizing for *Campus Management* under *Information Systems -> Data Transfer from Campus Management to the SAP BW*.

28.2.14 Cohorts (New)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

You can now group students into cohorts.

A cohort is used to group students for whom you want to run the same administrative processes at the same time. You can define these administrative processes by classifying cohorts according to cohort contexts. The SAP standard system contains the cohort context **module booking** (key 0001). This context is used to group students who attend the same business events (based on the booking) and for whom you want to run event planning simultaneously.

You can assign context objects to cohorts. The system uses these context objects as additional

information on how to perform the administrative processes that refer to a context. For example in the **module booking** context, you can assign a cohort the modules or business events that this group of students are attending or will attend.

You can arrange cohorts in hierarchical order. Cohorts can contain subcohorts or belong to main cohorts. All of the students in a subcohort always belong to the higher-lever main cohort. All context objects of a main cohort also belong to the lower-level subcohort.

You can assign cohorts to organizational units, programs, and program types. Furthermore, you can define sessions of offerings and capacities for cohorts.

You can plan and edit cohorts using the *Cohort Builder* which you can access from the **SAP menu** via *Campus Management -> Tools -> Cohort Builder* (transaction code PIQCOH00). If you want to include cohorts in user-defined programs, you can use the methods of interfaces IF_HRPIQ00COHORTS_QUERY and IF_HRPIQ00COHORTS_CAUD in class CL_HRPIQ00COHORTS_GENERAL. You may only use these methods to edit cohorts, and can access them from the Cohort Builder. If you change cohort data in any other way (for example, via transaction PP01), data inconsistencies may result.

Cohorts in the **module booking** context can also be edited in Event Planning with certain restrictions (see Release Note Edit Event Offering). In this transaction, you can assign business events to cohorts as context objects and remove them again.

You can assign students to cohorts in the Cohort Builder as well as in the student file.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

You can make the settings for cohorts in Customizing for *Campus Management* under *Campus Management Processes -> Cohorts*.

28.2.15 Qualification Conferment (Enhanced)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

The qualification conferment function for stages was already delivered in release 4.72 (see SAP Note 807067). This note describes how to define what the qualifications are used for. You can use a qualification for stage completion, for graduation (program completion), or without a program reference.

As of this release you can assign additional attributes, such as qualifying work, when you confer qualifications.

The system also uses qualifications in the graduation context. When you register a student for graduation, the system already creates a link between the student and the qualification. It also flags the *pursued* indicator because the qualification has not yet been conferred. The system displays qualifications of this type in the student file. If you want to change these qualifications, you must use the transactions in the **graduation** application.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

If you want to use qualifications in the graduation context, you must define what the qualifications are used for. You must also do this if you want to confer a qualification for stage completion. You can make the required settings in Customizing for *Campus Management* in the IMG activity Set Up Degree Types and Assign Degree Levels.

See also

Release Note Graduation

28.2.16 Copying Business Events (Changed)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

As of this release, you will be using transaction PIQCOPY2 to copy business events and create business events from event offering templates. Transaction PIQCOPY, which you used up until now, is obsolete.

Transaction PIQCOPY2 has changed in the following ways compared to PIQCOPY:

- When you create a business event using an event offering template, the system automatically creates a business event with the schedule category **regular schedule**, and a schedule description.
- When you select event offerings, the system first gets modules via selection methods.
- The program can check if a business event has already been copied or created from a template.
- The program uses standard the application log for logging.
- Individual selection of event offerings or templates is no longer supported.

Effects on System Administration

Create the selection variants to be used for determining modules.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

See also

Release Note Editing Event Offerings

28.2.17 Distribution of Student Master Data to Other Systems (New)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

The *Campus Management* system can now distribute student master data to other systems. Distribution can either be performed automatically or as required.

Changes in the future can be distributed in real time to systems that save data time-dependently. In systems that do not save data time-dependently, this data can be distributed as soon as it becomes valid (see below).

Campus Management can distribute the following student data:

- Business partner data (addresses, bank data, payment cards)
- Personal data
- Additional personal data
- Residence data
- Visa data
- Individual study data
- Fee calculation data
- Challenge data
- Student numbers

The system uses the SAP Exchange Infrastructure (XI) for the distribution of data.

Effects on System Administration

Install, set up and configure the *SAP Exchange Infrastructure* for this application.

If you want to distribute data to systems that do not save data time-dependently, you must schedule program BUPTDTRANSMIT on a daily basis.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

Activate the distribution of data in Customizing for *Campus Management* in the IMG activity Activate Distribution of Student Data to Other Systems

28.2.18 Editing Event Offerings (New)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

You can now display and edit the academic events for organizational units or modules in table form. This also applies to the academic events for cohorts.

The *Schedule Description* (1716) and *Academic Event Info* (1722) infotypes have been added to the *business event* object (object type E).

- The *Schedule Description* infotype contains the schedule category and schedule pattern with an enhanced set of parameters and the assigned resources (schedule elements) in the table section. The schedule category classifies business event schedules as follows:
  - Regular schedule
  - Regular schedule with exceptions
  - Irregular schedule
- The *Academic Event Info* infotype contains the processing status of business events. You can define your own processing status values in Customizing (see below).

The parameters for schedule pattern definition have been added to the event offering templates.

Effects on Existing Data

On the new interface, existing business events are automatically placed in the schedule category **irregular schedule** because they do not contain any schedule element data. Existing business events are events that were created in previous releases.

When you edit new business events with the schedule category **regular schedule** using the old dialog transaction, the system automatically changes the schedule category to **regular schedule with exceptions**. However, the system does not change the schedule category of new business events with the schedule category **irregular schedule** when you edit them using the old dialog transaction.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

You can make the settings for the above functions in Customizing for *Campus Management* in the following IMG activities:

- Define Evaluation Paths for Event Offerings
- Define Initial Status of Business Events
- Define Standard Resource Types for Room and Instructor
- Define Processing Statuses for Academic Event Planning

28.2.19 Exchange Programs (New)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

You can now create exchange programs and administer visiting and exchange students. SAP provides the object type **SX** (*exchange program*) for this purpose.

You can store the organizations and programs involved in an exchange program. The system supports the object types **O** (*organizational unit*) and **EO** (*external organization*) as orgranizations. The object type **EO** now contains a **Web Link** and a central business partner as contact partner.

You can now enter special periods and deadlines in the associated academic calendar.

If you want to map admission prerequisites for an exchange program, you can assign it an audit type and a requirement catalog.

When you enter exchange students in the system, you can choose the visiting studies for incoming students and visiting studies for outgoing students functions in the student file.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

You can make the settings for exchange programs in Customizing for *Campus Management* under *Campus Management Master Data -> Academic Structure -> Exchange Programs*.

You can make the settings for visiting and exchange studies in Customizing for *Campus Management* under *Campus Management Processes -> Admission, Registration, and De-registration -> Visiting Studies*.

28.2.20 Archiving of FI-CA Sample Documents (New)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

You can now archive sample documents that belong to *Contract Accounts Receivable and Payable* (FI-CA). This function is offered by FI-CA.

Effects on System Administration

Sample documents which are generated by *Campus Management* functions are not cleared in subsequent business transactions. You therefore have to clear them using program RFKKMDOCAR04 (Clearing of Sample Documents) before you archive data. You must run this program before you archive the sample documents.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

See also

Release Note Archiving (FI-CA)

28.2.21 Graduation (New)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

You can now administer the graduation process for students from registration for graduation up to the actual graduation ceremony. When you register a student for graduation, the system opens an assessment process with links to the requirement profiles and audit runs which are required for graduation.

You can still monitor assessment processes and audits in particular using the assessment process editing transaction (transaction code PIQEVALREGM). You can still generate requirement profiles and perform audits using the transaction for process-dependent audits (PIQAUD_MP_CP) or BSP application PIQ_AUDIT. The BSP application is a user interface that enables you to make specific adjustments to a student's requirements.

When you register a student for graduation, the system also creates a link to the qualifications. You can edit the qualification which is used for **graduation** in the academic structure for the program. The qualification is flagged as "*is being pursued*" until it is actually conferred. This enables you to create and edit all conferment data before the qualification is conferred.

The system creates other graduation data such as registration date, graduation status (graduation candidate or graduated), or the graduation ceremony data in the appropriate infotype of the **study** object (object type CS). If the student is a graduation candidate, the system displays this status in the student header.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

You can make the settings for graduation in Customizing for *Campus Management* under *Campus Management Processes-> Academic Records -> Graduation*.

If you want to use all of the functions offered for graduation, you should also define the grade calculation methods under *Campus Management Master Data -> Qualifications -> Grade Calculation Methods*.

See also

Release Notes

- Qualification Conferment
- Audits
- Requirement Profile Templates
- Assessment Processes

28.2.22 Event Planning and the SAP Learning Solution (Changed)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

The following Campus Management function modules now no longer use the respective functions modules of *Training and Event Management* but function modules and subroutines of the SAP Learning Solution:

- HRIQ_GET_PREBO_PARTICIPANT
- HRIQ_GET_PREBOOK
- HRIQ_PART_TYPES_MULTI
- HRIQ_PART_TYPES_SINGLE
- HRIQ_PREBOOKING_DELETE
- HRIQ_READ_ATTENDANCES
- HRIQ_READ_ATTENDANCES_FOR_TYPE
- HRIQ_READ_ATTENDEE_HISTORY
- HRIQ_MODIFY_EVENT_SCHEDULE
- HRIQ_SHOW_SCHEDULE
- HRIQ_POPUP_RESOURCE_OPEN
- HRIQ_RESOURCE_DISPO
- HRIQ_SHOW_RESOURCE
- HRIQ_SHOW_RESOURCE_OCCUPANCY
- HRIQ_GET_RESOURCE
- HRIQ_GET_RESOURCE_OCCUPANCY
- HRIQ_GET_RESOURCE_OPEN
- HRIQ_BUILD_DISPO_SCHEDULE
- HRIQ_BUILD_EVENT_SCHEDULE
- HRIQ_PICK_EVENTTYPE_SCHEDULE
- HRIQ_EVENT_SCHEDULE_TIME
- HRIQ_GET_SCHEDULE
- HRIQ_CHECK_EVENTS_FOR_1031
- HRIQ_EVENT_DATA_READ
- HRIQ_EVENT_OFFERS

- HRIQ_OWN_SCHEDULE

These function modules were replaced to improve usability.

Effects on Existing Data

When you use the SAP Learning Solution and activate these function modules, the system changes the object type texts of business events and business event types. These terminology changes are not visible on the *Campus Management* interfaces. However, they do appear in Basis transactions like object maintenance (PP01), and in transactions for creating and displaying business event types.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

28.2.23 SAP Higher Education & Research 1.0 Business Package

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

The **Higher Education & Research 1.0 business package** contains the portal role **university instructor** and Web Dynpro (WD) applications for appraisal self-service.

This business package assists university instructors in performing the appraisal tasks that are assigned to them. They can use it to obtain an overview of the appraisal tasks within each academic offering for which they are responsible in a specific academic period. For each academic offering, they can show the registered students and associated appraisal-relevant data. They can also display and change the appraisal results for each student.

University instructors can start the appraisal process for their appraisal tasks. The system displays all the assigned students and their appraisal results. The system guides the instructor through the entire appraisal process for each academic offering. The appraisal process itself is divided into small, logical steps. The user can determine which tasks need to be performed in the current step, and which are to be completed in subsequent steps.

If you want to deploy the business package, you need a Web Application Server (WAD) on which a portal and J2EE server is installed. You also need an SAP system on which *Campus Management* is installed.

Effects on System Administration

Before you can use this business package, you must perform the following activities:

- Import the business package into the portal. You can download the business package from the *SAP Service Marketplace*.
- In the portal, create an SAP system object with the system alias **SAP_HER**. The SAP system object must be connected with the SAP system on which *Campus Management* is installed.

- In the J2EE server, use the **software component archive** (SCA) for the components SAPPCUI_GP and IS-HER-CSS. Configure the following destinations of the SAP Java Connector (JCo) in the J2EE server:
  - SAP_HER
  - SAP_HER_MetaData
  - SAP_R3_HumanResources
  - SAP_R3_HumanResources_MetaData
  - SAP_R3_HumanResources
  - SAP_R3_HumanResources_MetaData

  Configure these JCo destinations in the Campus Management system in the single sign-on (SSO) mode.
- Create a user in the portal and in the J2EE server for all appraisers who will be using appraisal self-service. Also assign the portal role **university instructor** to these users in the portal.
- Make the backend settings in the *Campus Management* system that are needed to run the appraisal process (see Release Note Appraisal Self-Service).

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

28.2.24 Integration of SAP Records Management (New)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

Campus Management now contains a minimum integration of *SAP Records Management*. You can therefore create records for students in *Records Management* from the Student File by choosing *Goto -> Records Management*. If no records exists for the student in question, the system will ask you if you want to create one. If you confirm the prompt, the system creates a relationship between this record and the associated student business partner.

You can create the record number and a description for the record you are creating with the business add-in Record Number and Description for Student Record.

The system uses the transaction ORGANIZER to display and change the record.

When the system performs an admission check, it determines whether a certain document exists in the *Records Management* record. You can implement this check in the condition of an index-independent subrequirement. If you want to determine whether a particular record exists, you can use function module HRIQ_SRM_DOCTYPE_EXIST.

You can access documents in *Records Management* using an anchor attribute. If you do not want to deal with this attribute in *Campus Management*, you can assign an anchor to a document type. You can make

this setting in the IMG activity Define Document Types and Assign Anchor.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

Before you can use *SAP Records Management*, you must activate the component and make the necessary settings. You make these settings in Customizing for *Campus Management* under *Campus Management Master Data -> Students -> Integration of Records Management*.

See also

Release Note Admission Audits

28.2.25 Requirement Profile Templates (New)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

You can now create and edit requirement profiles templates for programs. These templates offer an alternative method for editing requirements.

Up to now, you could only edit requirements via requirement catalogs (transaction code PIQRLCATM).

When you generated a requirement profile for a student, the system derived the concrete requirements (rule containers) from the requirement selections that were defined in the requirement elements of a requirement pattern. When you create templates, you can now also define the requirements and subrequirements that should appear in a generated personal requirement profile.

If you want the system to use templates instead of the standard derivation when it generates personal requirement profiles, you have to define the use of templates in the **Requirement Catalogs** infotype (1778) of the respective programs.

You can also create and edit templates for special students. In this case, you have to enter a specific student attribute when you create the template. The student attributes themselves are filter-dependent implementations of the BAdI Requirement Profile Templates Based on Student Attributes.

Effects on Existing Data

You can still use existing requirement catalogs and requirement patterns.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

You can make the settings for requirement profile templates in Customizing for *Campus Management* under *Campus Management Processes -> Audits -> Requirement Profile Templates*.

See also

Release Note Admission Audit

28.2.26 Roles for Authorizations (New)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

Campus Management contains new composite and single roles which are listed below.

You can use these roles to restrict and set up user authorizations in the *Campus Management* system.

The new single role SAP_CM_ALL (see below) replaces the former SAP_IQ_CAMPUS role.

Naming Convention

The technical name of the new roles begins with **SAP_CM_***.

Technical Name and Name of the Composite Roles

- SAP_CM_ADM_COORDINATOR: Admission Coordinator
- SAP_CM_ADM_OFFICER: Admission Officer
- SAP_CM_ASM_COORDINATOR: Assessment Coordinator
- SAP_CM_ASM_OFFICER: Assessment Officer
- SAP_CM_STREC_COORDINATOR: Student Records Coordinator
- SAP_CM_STREC_OFFICER: Student Records Officer

Technical Name and Name of the Single Roles

- SAP_CM_ALL: Campus Management
- SAP_CM_ADMOFF_STUDYDATA: Activities for the Admission Officer
- SAP_CM_ADMREGDATA_DISP: Display Study Data
- SAP_CM_ASMOFF_ACT: Activities for the Assessment Officer
- SAP_CM_ASMCO_ADDACT: Additional Activities for the Assessment Coordinator
- SAP_CM_ASMDATA_DISP: Display Progression and Grades
- SAP_CM_STROFF_ACT: Activities for the Student Records Officer
- SAP_CM_STRCO_ADDACT: Additional Activities for the Student Records Coordinator
- SAP_CM_STMASTERDATA_DISP: Display Student Master Data
- SAP_CM_STMASTERDATA_MAINT: Edit Student Master Data

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

28.2.27 Number Range Settings for Student Master Data (Changed)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

A number of quality improvements and functional enhancements have been made in student master data. You may therefore have to change your system settings for student number ranges under certain conditions.

If you have not implemented the BAdI Business Partner in Campus Management (PSCM_PARTNER), you can ignore this Release Note.

If you have implemented the method SET_CUSTOMER_BP_NUMBER of the BAdI PSCM_PARTNER and your system therefore derives the business partner number from the student number, you must make two Customizing settings for business partner number ranges immediately following the upgrade.

If you have activated integration between *Campus Management* and *Customer Relationship Management* (CRM), please note the following:
This change only affects the number ranges of student master records that were created in the *Campus Management* system. The number ranges of master records that were created in CRM and then transferred to Campus Management with middleware are not affected.

A detailed description of the necessary changes is given in the following. To simplify matters, we will first describe the settings you have to make in release 4.72, then those required in release 6.0, and lastly the procedure you have to follow during the upgrade. Read the entire Release Note before making any changes. If you are not sure whether you need to change your number range settings or how to go about this, contact the SAP Support Line and mention the upgrade you intend to perform and this release note.

Please be aware of the fact that number range intervals are not automatically transported and that you may have to make the settings in every system.

Customizing Settings in Release 4.72

If you have release 4.72 and you derive the business partner number from the student number using an implementation of the BAdI PSCM_PARTNER, you must make the following settings in Customizing for *Campus Management* under *Campus Management Master Data -> Students -> Students as Business Partners*:

- You have defined a four-character business partner grouping under *Students as Business Partners -> The Business Partner in Student Administration* -> Define Standard Business Partner Grouping for Students.
- You have, for technical reasons, created an internal number range interval under *Students as Business Partners -> Basic Business Partner Settings -> SAP Business Partner -> Business Partner -> Basic Settings -> Number Ranges and Groupings* -> Define Number Ranges. If this number range interval is only assigned to student business partners, the system does not contain any business partners with a number from this interval.

- You have assigned an internal number range to the four-character business partner grouping under *Students as Business Partners -> Basic Business Partner Settings -> SAP Business Partner -> Business Partner -> Basic Settings -> Number Ranges and Groupings* -> Define Groupings and Assign Number Ranges. In release 4.72, you must do this for technical reasons.
- In release 4.72 we recommended that you follow this procedure:
  You have protected business partner numbers that are derived from student numbers via the BAdI PSCM_PARTNER by creating an external number range interval. This prevents these business partner numbers from being used for other business partners. This "dummy" number range interval is not assigned to any business partner grouping.

Customizing Settings in Release 6.0

If you have release 6.0 and derive the business partner number from the student number with an implementation of the BAdI PSCM_PARTNER, you must make the following settings in Customizing for *Campus Management* under *Campus Management Master Data-> Students -> Students as Business Partners -> The Business Partner in Student Administration -> Student Business Partner Numbers*:
(Note: The IMG activities have now all been located there.)

- Create a four-character business partner grouping in the IMG activity Define Standard Business Partner Grouping for Students.
- Define an external number range for the business partner numbers of students in the IMG activity Define Number Ranges.
- Assign the external number range to the four-character business partner grouping in the IMG activity Define Groupings and Assign Number Ranges.

Changes Required When Upgrading from 4.72 to 6.0

Note: The relevant IMG activities are now all located in Customizing for *Campus Management* under *Campus Management Master Data-> Students -> Students as Business Partners -> The Business Partner in Student Administration -> Student Business Partner Numbers*.

1. Note the number ranges and business partner groupings currently configured in your system.
2. Analyze the BAdI PSCM_PARTNER or the documentation created during system configuration to determine which business partner numbers are used for students.
3. In the IMG activity Define Number Ranges check if an external number range already exists for this number range interval. If not, then create one.
4. Assign the external number range interval for students to the four-character business partner grouping in the IMG activity Define Groupings and Assign Number Ranges. In this activity, you replace the previously assigned internal "dummy" number range by an external number range. SAP recommends that you also set the *Hide* indicator for this business partner grouping so that it is not displayed for selection in transaction BP (*Edit Business Partner*).
5. Check business partner settings and evaluate the log created during this check. You do this in Customizing for *Campus Management* under *Campus Management Master Data -> Students -> Students as Business Partners -> The Business Partner in Student Administration* -> Check Settings for Students as Business Partners.

When you make this change during the test upgrade, you should also test the creation of student master records using the dialog transaction PIQSTC (*Create Student Master Data*) and other methods of creation

(for example, Web interface, admission process, or batch interface), and verify that number assignment is performed correctly.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

The IMG activities you need to perform are described above.

28.2.28 Student Master Data (Enhanced)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

The following concepts and functions are new in the area of student master data:

- A new business partner role concept has been introduced in this release. For more information, see the Release Note Business Partner Role. The following implementations are based on this new role concept and will be delivered for *Campus Management*:
  - Business partner role **student** (PSCM10)
  - Business partner role **related person** (PSCI10)
  - Business partner role category **student (PSCM10)**
  - Business partner role category **related person** (PSCI10)
  - Business partner view **student** (PSCM10)
  - Business partner view **related person** (PSCI10)
  - Business partner role grouping **student** (PSCM10)
  - Business partner role grouping category **student** (PSCM10)
- You can now define validity periods for the following address data:
  - Addresses
  - Address usages
  - Communication data

  For more information, see the Release Note Time Dependency for Addresses. Please note that time dependency replaces the planned changed function.
- You can define validity periods for bank details. For more information, see the Release Note Time Dependency for Bank Details.
- There is a new time-dependency concept for central business partner data. For more information, see the Release Note Time Dependency of Central Data. The central student business partner data and the *Personal Data* (1702) infotype of students are based on this new concept and will be updated for each time slice.

Effects on Existing Data

See the release notes listed below.

Effects on Data Transfer

See the release notes listed below.

Effects on System Administration

See the release notes listed below.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

See the release notes listed below.

See also

Release Notes

- Business Partner Role
- Time Dependency for Addresses
- Time Dependency for Bank Details
- Time Dependency of Central Data

Also observe the recommendations in SAP Note 867862.

28.2.29 Teaching Workload (New)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

You can now enter teaching workload data for the following objects:

- Business event (object type E)
- Time-independent event (object type EL)
- Individual work (object type CI)

The teaching workload data you enter is assigned to the respective object in the *Teaching Workload* infotype (1753). The name of infotype 1753 was changed from *Contact Hours* to *Teaching Workload*. Infotype 1753 was enhanced and now enables you to enter data on teaching activities and teaching effort.

You can enter the number of teaching hours that an instructor is expected to work in the HR Funds and Position Management component (PA-PM-FP).

You can define a teaching workload default for business event types (object type D). The system

proposes this value when you create business events, time-independent events or individual work that is based on a business event type.

You can assign the teaching workload to a person or an external person. The system saves this assignment in relationship 543 (expends effort for/requires effort by), which is new in this release.

You can evaluate teaching workload data with your own report programs, for example when you create salary statements for teaching activities. SAP does not provide any report programs for evaluation of teaching workoad data as the requirements of universities differ greatly from one another.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

You can make teaching workload settings in Customizing for *Campus Management* under *Campus Management Master Data -> Academic Structure -> Teaching Workload*. Please also read the Tips on Setting Up the Teaching Workload in this section.

28.2.30 Usability (Enhanced)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

Changes were made to different *Campus Management* interfaces in order to improve usability.

These changes include a new way of displaying stages. You can find this new display in the program catalog under *View -> Stages (Hierarchy Display)*.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

28.2.31 Waiting Lists (New)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

You can now keep waiting lists for module bookings. You can book modules, business events, and business event packages beyond their optimum and maximum capacity by creating waiting list bookings.

You can create waiting lists for the following object types:

- Modules (object type SM)

- Event packages (object type SE)
- Business events (object type E)

You can specify for which of these object types waiting lists should be kept by choosing a waiting list level. You can either define the waiting list level globally for all modules in Customizing for Campus Management, or per module in the *Module Data* infotype (1746).

The system defines a booking as a waiting list booking by setting a booking priority in relationship 506 between a student and a module. The booking priority is a number between 0 and 99. You can specify which priority range should be used for which booking type (waiting list booking, normal booking, or essential booking) in the waiting list Customizing settings (see below). Waiting list bookings usually have higher priority numbers (for example, between 80 and 99). When you define booking priorities, you must make sure to synchronize the priority settings in the *Campus Management* and *Training and Event Management* components so that event bookings which are related to module bookings are processed in the same way as the higher-level module bookings. For more information, see the waiting list Customizing documentation (see below).

You can either make waiting list bookings manually in the booking dialog (booking details) or have the system make them automatically. In the latter case, the system automatically saves bookings which exceed the module or event package capacities as waiting list bookings. This is not done automatically for waiting lists at the business event level. Here, you can create waiting list bookings manually when the optimum or maximum business event capacity is exceeded.

The system offers a program for waiting list administration which you can access from the **SAP Menu** under *Campus Management -> Student Administration -> Reports -> Waiting List Administration*. You can use this program to display and sort waiting lists, and start move-up processes.

Effects on Data Transfer

If you have waiting list bookings for modules or business events in an external system, you must set the appropriate booking priority for these in relationhip 506 for module booking and in relationship 025 for event booking. You set this priority in the field PRIOX. The value of this field depends on the waiting list Customizing settings (see below).

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

You can make the settings for waiting lists in Customizing for *Campus Management* under *Campus Management Processes -> Module Booking -> Waiting Lists*. If you do not make any settings for waiting lists in Customizing, the module booking procedure is the same as in the previous release.

Note: We recommend that you use same booking priority values in *Campus Management* and *Training and Event Management*. You can display these values in Customizing for *Training and Event Management* in the IMG activity Booking Priorities.

28.3 IS-HER-CM-AC Student Accounting

28.3.1 Grants (Enhanced)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

Grant Master Data

You can now use the following account assignment options in grant master data if you have implemented the required components:

- Business area
- Cost center
- Order
- Profit center
- WBS element
- Fund
  This account assignment option is only visible if Funds Management is enabled for the given company code.
- Funds center
  This account assignment option is only visible if Funds Management is enabled for the given company code.
- Functional area
  This account assignment option is only visible if Funds Management is enabled for the given company code.

You can lock grants that should no longer be assigned to students. The indicator Grant Locked is provided in grant master data for this purpose.

You can create, change and read grant master data with the following SAP RFC function modules:

- CMAC_GRANT_CREATE_RFC
- CMAC_GRANT_CHANGE_RFC
- CMAC_GRANT_GETDETAIL_RFC

Posting of Grants

You can use the business add-in Checks Before Posting of Grants (CMAC_GRANTEVAL_CHECK) to run additional user-defined checks before disbursing or posting expected grants.

Effects on Existing Data

The database table for grant master data has been extended to accommodate the new fields.

Effects on Data Transfer

You can use the additional account assignment options and the new RFC function modules.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

You must configure the respective components (Controlling, Funds Management) before you can implement the above-listed account assignments.

28.3.2 Fee Calculation (Enhanced)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

If the fee calculation object is a program, you can now use the progression results for the program type in fee calculation. The system uses the key date which is defined in the IMG activity Assign Key Date Categories to Object Types. The key date is either the start or end date of the (standard) academic session.

If the fee calculation object is a module, you can now also use the module booking usages for program types in fee calculation.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

You can use the above attributes in condition records.

28.3.3 Waiting Lists (New)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher Education & Research 6.0*.

You can now keep waiting lists for module bookings. You can book modules, business events, and business event packages beyond their optimum and maximum capacity by creating waiting list bookings.

You can create waiting lists for the following object types:

- Modules (object type SM)
- Event packages (object type SE)
- Business events (object type E)

You can specify for which of these object types waiting lists should be kept by choosing a waiting list

level. You can either define the waiting list level globally for all modules in Customizing for Campus Management, or per module in the *Module Data* infotype (1746).

The system defines a booking as a waiting list booking by setting a booking priority in relationship 506 between a student and a module. The booking priority is a number between 0 and 99. You can specify which priority range should be used for which booking type (waiting list booking, normal booking, or essential booking) in the waiting list Customizing settings (see below). Waiting list bookings usually have higher priority numbers (for example, between 80 and 99). When you define booking priorities, you must make sure to synchronize the priority settings in the *Campus Management* and *Training and Event Management* components so that event bookings which are related to module bookings are processed in the same way as the higher-level module bookings. For more information, see the waiting list Customizing documentation (see below).

You can either make waiting list bookings manually in the booking dialog (booking details) or have the system make them automatically. In the latter case, the system automatically saves bookings which exceed the module or event package capacities as waiting list bookings. This is not done automatically for waiting lists at the business event level. Here, you can create waiting list bookings manually when the optimum or maximum business event capacity is exceeded.

The system offers a program for waiting list administration which you can access from the **SAP Menu** under *Campus Management -> Student Administration -> Reports -> Waiting List Administration*. You can use this program to display and sort waiting lists, and start move-up processes.

Effects on Data Transfer

If you have waiting list bookings for modules or business events in an external system, you must set the appropriate booking priority for these in relationhip 506 for module booking and in relationship 025 for event booking. You set this priority in the field PRIOX. The value of this field depends on the waiting list Customizing settings (see below).

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

You can make the settings for waiting lists in Customizing for *Campus Management* under *Campus Management Processes -> Module Booking -> Waiting Lists*. If you do not make any settings for waiting lists in Customizing, the module booking procedure is the same as in the previous release.

Note: We recommend that you use same booking priority values in *Campus Management* and *Training and Event Management*. You can display these values in Customizing for *Training and Event Management* in the IMG activity Booking Priorities.

28.4 IS-HER-CM-GB United Kingdom

28.4.1 Audit Trail (Enhanced)

Use

The following changes apply for *Campus Management* as of *SAP ECC Industry Extension Higher*

Education & Research 6.0.

An audit trail can now be created in the following functions:

- Student master data
- Re-registration
- Qualification conferment
- Academic specialization booking
- Equivalency determination
- Exchange studies

The audit trail enables users to keep track of which data was changed when and by whom.

Student Master Data

In student master data maintenance, the system logs changes in the following infotypes by means of change documents:

- 1701 (*Status Attributes*)
- 1702 (*Personal Data*)
- 1703 (*Challenge*)
- 1704 (*Additional Personal Data*)
- 1705 (*Individual Study Data*)
- 1706 (*Fee Calculation Data*)
- 1711 (*Residence Data*)
- 1712 (*Visa*)
- 1718 (*Employment*)
- 1719 (*External Transcripts*)

You can display change documents in student master data via the following menu paths:

- *Extras -> Change Documents -> For This Student*
- *Extras -> Change Documents -> For This Tab Page*

UCAS (Only Relevant for Great Britain)

The system uses special UCAS functions to log changes in the following UCAS-specific infotypes by means of change documents:

- 1782 (*UCAS: HESA Data*)
- 1783 (*UCAS: Program Choices*)
- 1785 (*UCAS: School Results*)
- 1786 (*UCAS: Clearing Details*)

Academic Specializations

The audit trail for academic specialization bookings includes activity documents in combination with

change documents. The system logs data changes in infotype 1001 (*Relationships*) with subtype 516 by means of change documents.

The new activity CB05 (*Academic Specializations: ExtendedMaintenance*) was created to enable users to differentiate between regular data processing and the extended maintenance dialog. The system checks this activity in the authorization check for extended maintenance.

You can display the activity documents and the associated change documents on the *Activity Documents* tab page of the student file.

Re-registration

Detailed data was added to the activity documents for re-registration. The system logs changes in the following infotypes:

- 1769 (*Study Segment*)
- 1770 (*General Data*)
- 1771 (*Registration/Re-registration*)
- 1001 (*Relationships*) with subtype B516

The system logs changes to detailed data in change documents. You can display these documents via the respective activity documents on the *Activity Documents* tab page in the student file.

Qualification Conferment

Detailed data was also added to the activity documents for qualification conferment. The system logs data changes in infotype 1001 (*Relationships*) with subtype 523 and in the appraisal database tables. The system records changes in detailed data in change documents. You can display these change documents in the respective activity documents on the *Activity Documents* tab page in the student file.

Equivalency Determination

Detailed data was added to the activity documents for equivalency determination. The system logs the following data changes in change documents:

- Infotype 1001 (*Relationships*) with subtype 506 (*module booking*)
- Infotype 1001 (*Relationships*) with subtype 532 (*qualification conferment*)
- Infotype 1725 (*Academic Work Usage*)
- Database tables for appraisals

The system logs changes to detailed data in change documents You can display these change documents via the respective activity documents on the *Activity Documents* tab page in the student file.

Exchange Studies

Data on exchange studies is saved in infotype 1714 (*Visiting Studies*). The system logs data changes in change documents. You can display these documents by clicking the *Display Change Documents* button on the visiting studies detail screen.

Effects on Customizing

Before you can use these functions, you must activate the respective business functions. For more information, see the Release Note Activation of Campus Management in ERP 2005.

You can activate change document writing by enabling BC Set ISHERCM_INFTY_CHDOC.