



# Ellucian Documentation

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# Course Catalog

This chapter discusses the Course Catalog reports and processes.

## Bulletin Report (SCRBULT)

This report is used to print the catalog of courses, with detailed information including descriptive text, prerequisites, corequisites, CAPP area and program requirements, DegreeWorks prerequisites, long course titles and descriptions, and duration information. Courses that are defined as equivalent courses or mutually exclusive courses display that designation on the report.

Use the Prerequisite Check Method radio group on the Catalog Prerequisite and Test Score Restrictions Form (SCAPREQ) to select which type of prerequisite requirements will be in effect for the courses listed in the report. The choices are `Basic` or `None`, `CAPP`, or `DegreeWorks`. The default value is `Basic` or `None`.

- When the Prerequisite Check Method field is set to `Basic` or `None`, course test score and prerequisite restrictions will be listed for the courses in the report.
- When the Prerequisite Check Method field is set to `DegreeWorks` or `CAPP`, DegreeWorks prerequisite requirements or CAPP area prerequisite requirements will be listed for the courses in the report.
- When DegreeWorks is installed, the `CAPP` option is not available.
- When CAPP area prerequisite checking is in use, the `DegreeWorks` option is not available.

Basic prerequisites are displayed when the `SCBCRSE_CAPP_PREREQ_TEST_IND` column is set to `B` for a course and prerequisites exist on SCAPREQ.

The report displays DegreeWorks course prerequisites when DegreeWorks prerequisite checking is in use. The process checks whether the `SCBCRSE_CAPP_PREREQ_TEST_IND` column is set to `D` for a course. It then calls the DegreeWorks Description Service to obtain the prerequisite descriptions scribed in the remarks in the Requisite blocks associated with the course.

Parameter Name	Required?	Description	Values
Academic Year	Yes	Enter the academic year for which you want the report printed.	Academic Year Validation Form (STVACYR)
Print Long Course Title	Yes	Enter <code>Y</code> to print the long course title from SCRSLYN or <code>N</code> to not print the long course title and print the existing course title from the record on SCBCRSE instead. If no long course title is	Y - Print long course title from SCRSLYN N - Print existing course title from SCBCRSE

Parameter Name	Required?	Description	Values
		available for the course, the existing information from SCBCRSE will be printed. N is the default.	
Print Long Course Description	Yes	Enter Y to print the long course description from SCBDESC or N to not print the long course description and instead print the existing course description from the record on SCRTEXT. If no long course description is available for the course, the existing information from SCRTEXT will be printed. N is the default.	Y - Print long course description from SCBDESC N - Print existing course description from SCRTEXT

## Course Catalog IMS Extract Report (SCRRIMS)

This report is used to extract course data and provide it in an XML format readable to third parties using IMS standards. The extract creates the IMS Properties object and the IMS Course Group Data Object.

Parameter Name	Required?	Description	Values
Academic Year	Yes	Enter the academic year for which course catalog information should be extracted.	Academic Year Validation Form (STVACYR)

## Course Catalog Data Extract Process (SCRCATE)

This Java process is used to extract course catalog data and create an XML output file of that data.

## About this task

An institution can post the output file on an unsecured page of its website where people seeking the data can download it to their workstations. Similarly, the output file can be sent to a third-party organization that hosts a Web-based repository of course catalog data. This process calls the `SP_CATALOG_EXPORT` process API.

The XML output file for the extract process includes the fields listed in the table below. The HTML output file for the extract contains a subset of those fields such as subject, course number, and course short title. Additional fields can be included in the HTML file by modifying the stylesheet template. The stylesheet can be configured at your institution to display the fields you choose. To modify the stylesheet, do the following:

## Procedure

1. Extract the stylesheet using the command: `jar -xvf srccate.jar bwckctlg.xml`
2. Modify the stylesheet to display the selected fields in the HTML file.
3. Upload the modified stylesheet using the command: `jar -uvf srccate.jar bwckctlg.xml`

## Result

Until a standard schema for the XML file has been adopted by the Postsecondary Electronic Standards Council (PESC), the following fields will comprise the extract file.

XML Field	Table Column	Additional Information
Header Record Information		
<Organization>	Complex element made up of the items below	
<FICE>	SHBCGPA_INST_FICE	Defined on SHACTRL
<OPEID/>		
<OrganizationName>	GUBINST_NAME	Defined on GUAINST
<Contacts>	Complex element made up of the Address and Phone complex elements	
<Address>	Complex element made up of the items below	
<AddressLine>	GUBINST_STREET_LINE1	Defined on GUAINST
<AddressLine>	GUBINST_STREET_LINE2	Defined on GUAINST
<AddressLine>	GUBINST_STREET_LINE3	Defined on GUAINST
<City>	GUBINST_CITY	Defined on GUAINST
<StateProvince>	GUBINST_STAT_CODE	Defined on GUAINST
<PostalCode>	GUBINST_ZIP	Defined on GUAINST
<CountryCode>	GUBINST_NATN_CODE	Defined on GUAINST
<Phone>	Complex element made up of the items below	
<AreaCityCode>	GUBINST_PHONE_AREA	Defined on GUAINST

XML Field	Table Column	Additional Information
<PhoneNumber>	GUBINST_PHONE	Defined on GUAINST
<PhoneNumberExtension>	GUBINST_PHONE_EXT	Defined on GUAINST
Course Detail Record Information		
<CourseSubjectAbbreviation>	SCBCRSE_SUBJ_CODE	Defined on SCACRSE
<CourseNumber>	SCBCRSE_CRSE_NUMB	Defined on SCACRSE
<CourseShortTitle>	SCBCRSE_TITLE	Defined on SCACRSE
<CourseLongTitle>	SCBCRSE_TITLE	Defined on SCACRSE
		After the PESC schema for course catalog data is finalized, the source for this field will most likely change to the SCRSYLN_LONG_COURSE_TITLE defined on SCASYLB.
<CourseDescription>	SCBDESC_TEXT_NARRATIVE	Defined on SCADETL
		The precision of this element will likely change when the PESC schema for course catalog data has been finalized.
<CourseEffectiveDate>	STVTERM_START_DATE	The effective date for course is derived from the start date defined for the term code that is assigned as the effective term for the course.
<CourseCreditBasis>	Hardcoded to Regular	This value needed to be set to an enumerated value established for the PESC college transcript schema which uses the same field. Given that Regular was the value hardcoded into the XML transcript export process, it was also selected for this process. This value may be re-evaluated when the PESC course catalog schema is adopted as a standard.
<CourseCreditUnits>	STVTERM_TRMT_CODE or SHBCGPA_TRMT_CODE	The process checks the Term Type value on STVTERM, if it is not defined, it then checks the Term Type value on

XML Field	Table Column	Additional Information
		SHACTRL to retrieve this value.
<CourseCreditMinimumValue>	SCBCRSE_CREDIT_HR_LOW	Defined on SCACRSE
<CourseCreditMaximumValue>	SCBCRSE_CREDIT_HR_HIGH	Defined on SCACRSE
<CourseLevel>	Complex element made up of the items below	
<CourseLevelCode>	SCRLEVL_LEVL_CODE	Defined on SCACRSE
<CourseLevelDescription>	STVLEVL_DESC	Institutional course level codes must be cross-referenced on SOAXREF to one of the enumerated values defined by PESC.
<Attribute>	Complex element made up of the items below	
<RAPCode>	SCRATTR_ATTR_CODE	Defined on SCADETL
<RAPName>	STVATTR_DESC	To be included in the catalog extract, course attributes must be cross-referenced on SOAXREF.

Parameter Name	Required?	Description	Values
Catalog Term	Yes	Enter the catalog term for which courses must be valid to be included in the extract file.  To be valid, a course must have a status code with the Active (Indicator) checked on STVCSTA, and the effective term on the SCBCRSE record must be less than or equal to the term code specified for the parameter. Also, the course's end term on SCABASE must be greater than the term code specified.	Term Code Validation Form (STVTERM)
Subject	No	Enter the subject codes for the subjects you want to include in the extract file.	Subject Code Validation Form (STVSUBJ)



Parameter Name	Required?	Description	Values
Course Number (Low)	No	Enter the course number (when combined with the value in the Subject parameter) or the low end of a course range.	
Course Number (High)	No	Enter the high end of a course range. This value is used in combination with the value entered in the Course Number (Low) parameter.  Because course numbers are character values, specifying a range of 100 - 499 will include values such as 100A, and 1012.	
Course Title	No	Enter a value to limit the records included in the extract file to only those courses with similar titles. The process will append a wildcard (%) to the beginning and end of the value.	
Level	No	Enter the course levels to be included in the extract file.	Level Code Validation Form (STVLEVL)
Schedule Code Type	No	Enter the schedule types to be included in the extract file.	Schedule Type Code Validation Form (STVSCHD)
College Code	No	Enter the college codes to be included in the extract file.	College Code Validation Form (STVCOLL)
Division	No	Enter the division codes to be included in the extract file.	Division Code Validation Form (STVDIVS)
Department	No	Enter the department codes to be included in the extract file.	Department Code Validation Form (STVDEPT)
Credit Hours (Min)	No	Enter the minimum number of credit hours	

Parameter Name	Required?	Description	Values
		a course must be worth or the low end of a credit hour range.	
Credit Hours (Max)	No	Enter the maximum number of credit hours a course must be worth or the high end of a credit hour range.	
Course Attributes	No	Enter the course attributes for the courses to be included in the extract file.  If multiple values are specified, the process will treat the relationship between the attributes entered as an OR condition.	Attribute Validation Form (STVATTR)
Include Attributes	Yes	Enter Y to include course attributes in the extract file, or enter N to not include the attributes. The default is Y.	Y - Include attributes N - Do not include attributes
Limit Course Attributes	Yes	Enter Y to include cross-course attributes in the extract file that are cross-walked on SOAXREF, or enter N to include all course attributes in the file. The default is Y.  Banner values for course attributes must have electronic values defined on SOAXREF.	Y - Include cross-walked attributes N - Include all attributes
Include Course Description	Yes	Enter Y to include course descriptions in the extract file, or enter N to not include the descriptions. The default is Y.	Y - Include descriptions N - Do not include descriptions