



Course Demand Data for Banner

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College Scheduler by Civitas Learning®

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Summary

[College Scheduler](#) by [Civitas Learning](#)® offers a web based class scheduling system for student use at colleges and universities. Students can build optimized class schedules that take into account their personal needs (like work, athletics, or leisure).

As users utilize the Scheduler, details of their usage, collectively called Course Demand Data, are recorded for your review. Course Demand Data can be downloaded as individual CSV (Comma Separated Values) reports from the College Scheduler administrative tool.

Incremental Course Demand

Course Demand Data can also be available on the Banner Database Server via Incremental Course Demand. Incremental Course Demand delivers updates to five Course Demand tables on the Banner Database server every fifteen minutes. These tables contain the same data that is available from the Administrative tool, and can be added to your local reporting tools.

Interface Requirements

Incremental Course Demand requires, at a minimum, **version 8.0.4.1d** of the Banner Interface.

The installed interface version can be identified in Self-Service Banner on the bottom left corner of the College Scheduler Registration Cart, usually on the Student Registration menu: “RELEASE: 8.0.4.1d”.

The interface version (or Current Release) is also available via SQL in the source of the *csched* PL/SQL package body:

```
...  
    curr_release          CONSTANT varchar2(30)    := '8.0.4.1d';  
...
```

If you're interested in an Interface Upgrade or enabling Incremental Course Demand, please contact our [Support Helpdesk](#).

- Versions **8.0.3 and above** can be quickly upgraded to the latest release with a patch that requires five to ten minutes from a DBA or Banner Developer.
- Versions **prior to 8.0.3** can be upgraded to the latest release with a two-step upgrade process that requires one to two hours from a DBA or Banner Developer.
- Interface releases **that have been customized** will require special attention. Customized interfaces can often be identified by a version number that includes an institution identifier. Version 8.0.1 modified for College Scheduler University may read **8.0.1csu**, for example. Please request a review of your customizations by sending a copy of the **csched** package specification and body to the [Support Helpdesk](#).

Course Demand Tables

- All tables are owned by the **CSCHED** schema.
- The Scheduler records the current SPRIDEN ID for the Student and Advisor ID columns. PIDMs are translated via the SPRIDEN table as rows are loaded. If an ID is no longer available in SPRIDEN, the PIDM will be NULL.
- All ACTIVITY_DATE columns contain the Banner database server system date (*sysdate*) when the row was loaded to this table.

CSCHED_BREAKS

College Scheduler Usage Data – Breaks

Column Name	Data Type	Nullable?	Comments
<i>PIDM</i>	NUMBER (8, 0)	Yes	Banner PIDM
<i>STUDENTID</i>	VARCHAR2 (255 CHAR)	Yes	StudentID
<i>BREAKNAME</i>	VARCHAR2 (255 CHAR)	Yes	BreakName
<i>DAYS</i>	VARCHAR2 (255 CHAR)	Yes	BreakDays
<i>STARTTIME</i>	VARCHAR2 (255 CHAR)	Yes	StartTime hhmm
<i>ENDTIME</i>	VARCHAR2 (255 CHAR)	Yes	EndTime hhmm
<i>ACTIVITY_DATE</i>	DATE	No	Activity Date

CSCHED_COURSE_DEMAND

College Scheduler Usage Data – Course Demand

Column Name	Data Type	Nullable?	Comments
<i>PIDM</i>	NUMBER (8, 0)	Yes	Banner PIDM
<i>TERM</i>	VARCHAR2 (255 CHAR)	Yes	Term
<i>TERMCODE</i>	VARCHAR2 (255 CHAR)	Yes	TermCode
<i>SUBJECT</i>	VARCHAR2 (255 CHAR)	Yes	Subject
<i>COURSENUMBER</i>	VARCHAR2 (255 CHAR)	Yes	CourseNumber
<i>STUDENTID</i>	VARCHAR2 (255 CHAR)	Yes	StudentID
<i>DATEMODIFIED</i>	VARCHAR2 (255 CHAR)	Yes	DateModified - GMT yyyy-mm-ddThh:mm:ss.fff
<i>ACTIVITY_DATE</i>	DATE	No	Activity Date

CSCHED_SECTION_DEMAND

College Scheduler Usage Data – Section Demand

Column Name	Data Type	Nullable?	Comments
<i>PIDM</i>	NUMBER (8, 0)	Yes	Banner PIDM
<i>TERM</i>	VARCHAR2 (255 CHAR)	Yes	Term
<i>TERMCODE</i>	VARCHAR2 (255 CHAR)	Yes	TermCode
<i>REGISTRATIONNUMBER</i>	VARCHAR2 (255 CHAR)	Yes	RegistrationNumber Course Reference Number
<i>STUDENTID</i>	VARCHAR2 (255 CHAR)	Yes	StudentID
<i>ACTIVITY_DATE</i>	DATE	No	Activity Date

CSCHED_SECTION_EXCLUDED

College Scheduler Usage Data – Sections Excluded

Column Name	Data Type	Nullable?	Comments
<i>PIDM</i>	NUMBER (8, 0)	Yes	Banner PIDM
<i>TERM</i>	VARCHAR2 (255 CHAR)	Yes	Term
<i>TERMCODE</i>	VARCHAR2 (255 CHAR)	Yes	TermCode
<i>REGISTRATIONNUMBER</i>	VARCHAR2 (255 CHAR)	Yes	RegistrationNumber Course Reference Number
<i>STUDENTID</i>	VARCHAR2 (255 CHAR)	Yes	StudentID
<i>ACTIVITY_DATE</i>	DATE	No	Activity Date

CSCHED_USER_LOGIN

College Scheduler Usage Data – User Logins

Column Name	Data Type	Nullable?	Comments
<i>PIDM</i>	NUMBER (8, 0)	Yes	Banner PIDM
<i>STUDENTID</i>	VARCHAR2 (255 CHAR)	Yes	StudentID
<i>LOGGEDIN</i>	VARCHAR2 (255 CHAR)	Yes	LoggedIn - GMT yyyy-mm-ddThh:mm:ss.fff
<i>ACTIVITY_DATE</i>	DATE	No	Activity Date
<i>ADVISORID</i>	VARCHAR2 (255 CHAR)	Yes	AdvisorId
<i>TRANSACTIONTYPE</i>	VARCHAR2 (255 CHAR)	Yes	TransactionType ADV - Advisor Mode GUEST - Guest Mode STU - Student Mode