ISES CWCS Course and Teacher Extract (Wisconsin)

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This report is no longer collected by the Department of Public Instruction, and remains within Campus for retrieval of historical data which can be sent to the state for auditing purposes.

Users should submit data to the state via Ed-Fi functionality. For more information about Ed-Fi, see the following articles:

- Wisconsin Ed-Fi Data
- Wisconsin Ed-Fi Setup Checklist

Extract Logic | Report Editor Field Descriptions | Generate the CWCS Course and Teacher Extract | Extract Layout

Tool Search: ISES Extract

The CWCS Course and Teacher Extract reports teachers and the course(s) they teach. This extract helps identify staff who are teaching specific subject areas.

ISES CWCS Course and Teacher Extract

Extract Logic

The following criteria must be met for a course to report:

Courses

- The course must be taught in the Term being reported.
- The course must have a State Code.
- The course must be active.

Teachers

- When there is more than one primary teacher assigned to a course section, the primary teacher who is active on the last day of class is reported.
  - If the Primary Teacher has an End Date that equals the last day of class or is NULL, this primary teacher is considered **active**.
  - If the Primary Teacher has an End Date that falls before the last day of class, this primary teacher is considered **inactive**.
  - **ONLY one primary teacher can be reported for a class section.**
- Teachers who are active on the last day of the class will be reported.
  - If the Teacher has an End Date that equals the last day of class or is NULL, this primary teacher is considered **active**.
  - If the Teacher has an End Date that falls before the last day of class, this primary teacher is considered **inactive**.
  - If the Primary Teacher in the section does not meet the criteria but the Teacher does, the Teacher will be reported.
  - **Multiple teachers can be reported for a class section.**
- The Primary Teacher in the section must have a Role assigned.
- The Primary Teacher in the section must have a License Number.
- Secondary Teacher in the section must have a Role and License Number.
- The teacher being reported must have an active District Employment and must be active during the reporting term.

The report does not generate when the following conditions occur:

- The selected Calendar is marked as "Exclude" or "Summer School."
- The checkbox "Exclude from State Reporting" is selected on the course.

CWCS Course and Teacher Extract Data Structure

The following image represents how data is organized in the CWCS Course and Teacher Extract.
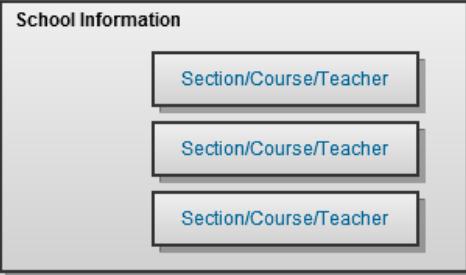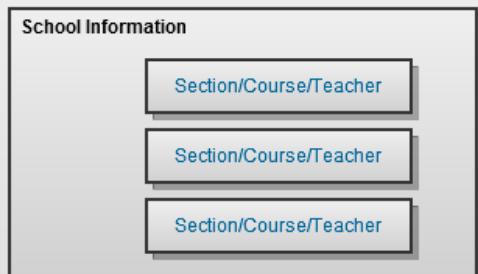
Extract Data Structure with Multiple Schools

Report Editor Field Descriptions

Field	Description
School Number	This number is attached to the file name of the generated extract and serves as an identifier. When more than one school is selected, the School Number is **0000**.
Extract Type	Indicates what extract generates. Select **CWCS Course and Teacher**. The following extract types are also available: • ISES Discipline Extract (Wisconsin) • CWCS Student
Extract Sequence Number	This number is attached to the file name of the extract and is used to identify the number of times the extract has been submitted to the State (i.e., an Extract Sequence Number of 00004 would indicate the extract has been submitted to the State three times prior and this extract is to be considered the fourth and most recent).
CWCS Collection	Reports the selected Collection Option from the Extract editor.
CWCS Reporting Term	The options in the field CWCS Reporting Term is an indicator for when the course is offered.

Field	Description
Format	Extracts can be generated in either the State Format (XML), HTML, CSV or CSV Detail. • Use the HTML or CSV options for testing and review prior to submission to the state. Use the State Format (XML) for the final submission. • Use the CSV Detail Format for testing and reviewing specific teacher data and course information. The Detail option prints teacher names and course/section information in addition to the other fields in the layout. When generating the extract in the State Format, use the Validating an XML File against a Schema File information.
Include Non-Graded Sections	When marked, sections that do not have an associated state reported grading task or at least one student who has a score tied to a state reported grading task, report. When not marked, sections that do not have at least one student who has a score tied to a state reporting grading task do not report.
Select Calendars	At least one calendar needs to be selected in order to generate the ISES Extract. Multiple calendars can be chosen by using the CTRL and SHIFT keys. It is advised that not all calendars be chosen at once due to the amount of data that is returned in the extracts.
Ad hoc Filter	Select an existing ad hoc filter from which to pull Census/Staff or Course/Section data type ad hoc filters. When a filter is selected, all courses (for course/section filters) or all staff (for census/staff filters) matching the filter and the selected calendar are reported without duplication. Ad hoc filters are created in the Filter Designer.
Report Generation	Reports can be generated immediately using the **Generate Report** button. Or, use the **Submit to Batch** button to determine when reports should generate.

Generate the CWCS Course and Teacher Extract

1. Enter the **School Number** of the selected calendar.
2. Select the **CWCS Course and Teacher** from the **Extract Type** dropdown list.
3. Enter the **Extract Sequence Number**.
4. Select the **CWCS Collection** option from the dropdown list.
5. Select the **CWCS Reporting Term** from the dropdown list.
6. Select the **Format** of the extract.
7. Mark the **Include Non-Grades Sections**, if desired.
8. Select the desired school calendar.
9. If desired, select an **Ad hoc Filter** to report either Course/Section information or Census/Staff information.
10. Click the **Generate Extract** button to generate the extract immediately. Or, click the **Submit to Batch** button to save the report generation until a specified time.

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE CWCS_TRANS SYSTEM "TR_CWCSWCT.DTD">
- <CWCS_TRANS>
    <DTG>04-17-2012 08:21:48 CDT</DTG>
    <SEQ_NUM>00001</SEQ_NUM>
    <COLLECTION>CW1</COLLECTION>
    <DISTRICT>2303</DISTRICT>
  - <SCHOOLS>
      <SCHOOL>0120</SCHOOL>
      <RECORD_TYPE>WCT</RECORD_TYPE>
      <YEAR>2012</YEAR>
      <TERM>1S</TERM>
    - <SECTION>
        <SECTION_ID>97761</SECTION_ID>
        <CLASSROOM_TYPE>M</CLASSROOM_TYPE>
        <DUAL_ENROLL_CREDIT>CAPP</DUAL_ENROLL_CREDIT>
        <DISTANCE_ED>Y</DISTANCE_ED>
        <VIRTUAL_ONLINE_ED>Y</VIRTUAL_ONLINE_ED>
        <BILINGUAL_ESL>T</BILINGUAL_ESL>
        <PROJECT_BASED>Y</PROJECT_BASED>
      - <COURSE>
          <COURSE_CODE>654789</COURSE_CODE>
          <LOCAL_COURSE_TITLE>CDS</LOCAL_COURSE_TITLE>
          <ACAD_SERVICE_LEARN>Y</ACAD_SERVICE_LEARN>
          <EQUIVALENCY>ELA</EQUIVALENCY>
          <WORLD_LANGUAGE>FLEX</WORLD_LANGUAGE>
          <ALT_ED_PROGRAM>CBPB</ALT_ED_PROGRAM>
        </COURSE>
      - <TEACHER>
          <TEACHER_ROLE>ST</TEACHER_ROLE>
          <ED_FILE_NUMBER>133595</ED_FILE_NUMBER>
          <LAST_NAME> TEACHER     </LAST_NAME>
        </TEACHER>
      </SECTION>
```

CWCS Course and Teacher Extract - State Format (XML)

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	1	04-17-2012 08:25:41 CDT		1	CW1	2303							
2	2	120	WCT	2012	1S	97761	M	CAPP	Y	Y	T	Y	65
3	3	120	WCT	2012	1S	97764	M	CAPP	Y	Y	T	Y	65
4	4	120	WCT	2012	1S	97765	M	CAPP	Y	Y	T	Y	65
5	5	120	WCT	2012	1S	97770	M	CAPP	Y	Y	T	Y	65
6	3	120	WCT	2012	1S	97772	M	CAPP	Y	Y	T	Y	65
7	4	120	WCT	2012	1S	98225		NA	N	N	NA	N	09151
8	5	120	WCT	2012	1S	98225		NA	N	N	NA	N	09151
9													
10													
11													
12													
13													
14													
15													
16													

CWCS Course and Teacher Extract - CSV Format

CWCSCourse Records:9									
SCHOOL	RECORD_TYPE	YEAR	TERM	SECTION_ID	CLASSROOM_TYPE	DUAL_ENROLL_CREDIT	DISTANCE_ED	VIR
0120	WCT	2012	1S	97761	M	CAPP	Y	Y
0120	WCT	2012	1S	97764	M	CAPP	Y	Y
0120	WCT	2012	1S	97765	M	CAPP	Y	Y
0120	WCT	2012	1S	97770	M	CAPP	Y	Y
0120	WCT	2012	1S	97772	M	CAPP	Y	Y
0120	WCT	2012	1S	98225		NA	N	N
0120	WCT	2012	1S	98225		NA	N	N
0120	WCT	2012	1S	98362		NA	N	N
0120	WCT	2012	1S	98825		NA	N	N

CWCS Course and Teacher Extract -HTML Format

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	SCHOOL	RECORD_1	YEAR	TERM	SECTION_	CLASSRO	DUAL_ENI	DISTANCE	VIRTUAL_	BILINGUAL	PROJECT_	COURSE_(	COURSE_N	SECTION_	LO
2	30	WCT	2015	1S	12345	M	NA	N	N	NA	N	02151B	1234	3	A
3	30	WCT	2015	1S	23456	M	NA	N	N	NA	N	08016G	9876	8	G
4														
5														

CWCS Course and Teacher Extrct - CSV Detail Format

Extract Layout

The following lists the extract layout for the CWCS Course and Teacher Extract.

Header/Footer Information

Header	Extract Format	Description	Format
CWCS_TRANS	XML	XML Header	N/A
DTG	CSV and XML	Reports the time the extract was generated	MM-DD-YYYY HH:MM:SS Timezone
SEQ_NUM	CSV and XML	Sequence number for file being generated as entered on the Extract Editor.	Numeric, 4 digits
COLLECTION	CSV and XML	Reports the selected Collection option from the Extract editor. • CW1--When the CWCS Reporting Term = 1S, 1T, 1Q, or 2Q • CW2--When the CWCS Reporting Term = 2S, 2T, 3T, 3Q, 4Q,or A	Alphanumeric, CW1, CW2 or CW#

Header	Extract Format	Description	Format
DISTRICT	CSV and XML	District submitting the extract.	Numeric, 4 digits
SCHOOLS	CSV and XML	Generates a list of matching course/teachers for each school selected.	N/A

Extract Information

Element	Description	Type, Format and Length	Campus Database	Campus Application
School Elements				
State School Number	Indicates the school from which data is coming.	Numeric, 4 digits	School.number	School Information > State School Number
Record Type	Always reports WCT.	Alphanumeric, 3 characters	Data not stored	Data not stored
Year	Reports Year End. Example, report '2011' when 2010-2011 school year is generated.	Numeric, 4 digits in YYYY	End.year	Calendar

Element	Description	Type, Format and Length	Campus Database	Campus Application
Term	An Indicator for when the course is offered. The following codes report: • 1S: 1st: Semester • 2S: 2nd Semester • 1T: 1st Trimester • 2T: 2nd Trimester • 3T: 3rd Trimester • 1Q: 1st Quarter • 2Q: 2nd Quarter • 3Q: 3rd Quarter • 4Q: 4th Quarter • A: Annual Only one term may be submitted per file. The CWCS Reporting Term is set up on the Calendar.	Alphanumeric, 2 characters	Data not stored	Data not stored
Header for Section	Reports once for each section and includes one section record, the courses associated with that section and the teachers associated with the section.	N/A	N/A	N/A
Section Elements				

Element	Description	Type, Format and Length	Campus Database	Campus Application
Section	Unique identifier defined by the district to differentiate courses into units associated with a specific teacher or group of teachers and a specific group of students.	Alphanumeric, 25 characters max	Section.sectionID	Courses > Section Editor > Section ID
Classroom Type	The Classroom Type reports the following values: • Report blank when nothing set • S: Single • M: Multiple	Alphanumeric, 1 character	Course.classroomType	Courses > Classroom Type
Dual Enrollment Credit	A program through which high school students are dually enrolled in both high school and college; e.g., youth options, youth apprenticeship, advanced standing, transcripted credit, and earn high school and college credit. See the Wisconsin Courses Tab for more information.	Alphanumeric, 4 characters	Course.dualEnrollment	Courses > Dual Enrollment

Element	Description	Type, Format and Length	Campus Database	Campus Application
Distance Ed	The Distance Ed field reports **Y** when the checkbox on the Courses tab is selected; otherwise, the field reports **N**. See the Wisconsin Courses Tab for more information.	Alpha, 1 character	Course.distanceEd	Courses > Distance Ed
Virtual Online Ed	The Virtual Online Ed field reports **Y** when the checkbox on the Courses tab is selected; otherwise, the field reports **N**. See the Wisconsin Courses Tab for more information.	Alphanumeric, 1 character	Course.virtualOnlineEd	Courses > Virtual Online Ed

Element	Description	Type, Format and Length	Campus Database	Campus Application
Bilingual ESL	This field includes the course includes a course of study designed specifically for students whose native language is not English, delivered either in English or primarily in the native language of the students. The course may include a course of study delivered in English and the target language as part of a two-way immersion program. See the Wisconsin Courses Tab for more information.	Alphanumeric, 1 character	Course.bilingualESL	Courses > Bilingual/ESL
Project Based	The Project Based field reports **Y** when the checkbox on the Courses tab is selected; otherwise, the field reports **N**.	Alpha, 1 character	Course.projectBased	Courses > Project Based
Header for Course Section	Includes one course record for each course code associated with that section.	N/A	N/A	N/A
Header for Teacher Section	Includes one teacher record for each teacher associated with the section.	N/A	N/A	N/A

Element	Description	Type, Format and Length	Campus Database	Campus Application
Course Elements				
Course Code	The State Code on the Course Editor must be set for the course to report. If nothing is set, the course and teacher do not report.	Alphanumeric, 6 characters	Course.stateCode	Course > State Code
Course Name *CSV Detail Only*	Reports the name of the course. *This field only displays in the* **CSV Detail Format**.	Alphanumeric, 20 characters	Course.name	Course > Name
Course Number *CSV Detail Only*	Reports the number of the course. *This field only displays in the* **CSV Detail Format**.	Alphanumeric, 10 characters	Course.number	Course > Number
Section Number *CSV Detail Only*	Reports the section number of the course. *This field only displays in the* **CSV Detail Format**.	Numeric, 4 digits	Section.Number	Course > Section > Number
Local Course Title	Reports the value from the CWCS Local Course Title, unless that field is blank. Then, the value entered in the Name field reports.	Alphanumeric, 100 characters maximum	Course.abbreviation	Courses > Local Course Title

Element	Description	Type, Format and Length	Campus Database	Campus Application
Academic Service Learn	The Academic Service Learning field reports **Y** when the checkbox on the Courses tab is selected; otherwise, the field reports **N**.	Alphanumeric, 1 character	Course.academic ServiceLearning	Courses > Academic Service Learning
Equivalency	This field refers to courses that are approved equivalent courses. An equivalent course is a course that contains the time allotment and substantially the same objectives to develop the knowledge, concepts, and skills of the course for which it is replacing. Through an approval process established by the Department of Public Instruction (DPI), school districts may apply to have courses approved for equivalency to other courses. See the Wisconsin Courses Tab for more information.	Alphanumeric, 3 characters maximum	Course.equivalency	Courses > Equivalency

Element	Description	Type, Format and Length	Campus Database	Campus Application
World_Language	World Language Courses are domestic courses of study in languages other than English. Courses may be designed to meet the needs of heritage or second language learners. Such courses were previously commonly referred to as "Foreign Language" courses. See the Wisconsin Courses Tab for more information.	Alphanumeric, 4 characters maximum	Course.worldLanguage	Courses > World Language
Alternative Education Program	The Alternative Education Programs options are for alternative education programs that are not credit producing. Do not use this option when local course title and credits are available. See the Wisconsin Courses Tab for more information.	Alphanumeric, 5 characters maximum	Course.alterEducation Program	Courses > Alternative Education Program
Teacher Elements				

Element	Description	Type, Format and Length	Campus Database	Campus Application
Teacher Role	The Primary Teacher in the section must have a Role assigned for a record to generate for the course. If they do not have a Role, Secondary Teachers do not report regardless of having a Role. The Teacher Role reports the following values: • CT: Collaborating Educator • ME: Monitoring Educator • MT: Multiple Teachers • ST: Single Teacher	Alphanumeric, 2 characters	SectionStaffHistory.role	Courses > Section Editor > Role
Educator File Number	Reports the DPI Educator File Number.	Numeric, 6 characters	Employment.license Number	District Employment > License Number
Last Name	The Last Name may contain a space, a dash, or a single quote.	Alphanumeric, 20 characters maximum	Identity.lastName	Identities > Last Name

Element	Description	Type, Format and Length	Campus Database	Campus Application
Former Last Name	This field reports a blank value when the Licensure Last Name field identically matches the value reported in the Last Name column. The Former Last Name may contain a space, a dash, or a single quote.	Alphanumeric, 20 characters maximum	Employment.license LastName	District Employment > Licensure Last Name