WI Ed-Fi Suite 3 API v7.3 Data Standard v5.2: Student Section Associations

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Summary

This association indicates the course sections to which a student is assigned

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Object Triggering

Action	Business Rule(s)

Post	When a student is scheduled into a course section
	
	• Report if student section has a Grading Task or Standard with:
	   ◦ State Reported = selected
	   ◦ Exclude from Ed-Fi = deselected
	• Report a record based on the Term Mask of the state reported Grading Task
	
	   ◦ If Roster End Date is null, use the term mask to determine the term to report
	   ◦ If Roster End Date is not null, use the term the endDate falls within to report
	• If Ed-Fi Configuration Profile = Choice + Private Opt In or Choice Only, do not send any records
	• Report from any enrollment determining a record.
	   ◦ If the student has multiple qualifying enrollments in the same school, report a record for each unique start date.
	• Do not send if Student Section Association does not have an overlapping Student School Association
	• Do not send a record based on an enrollment that is marked as State Exclude, No Show, or WISE Exclude
	• Do not send a record based on an enrollment is in a calendar marked as State Exclude or Summer School
	• Report records only if the student's State Enrollment Type = Primary or Coursework Only

Put	When section information is updated for a student or section • Update when the course or section's homeroom field is changed • Update when a grade is added for a grading task mapped to an Ed-Fi Grade
Delete/Post	When student's roster start date is changed

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Delete	When a student is deleted from a course section Delete any future records if the student is given a roster end date for the course • Roster End Date must be before Term Start date of future records If a student's State Enrollment type is changed from Primary or Coursework and saved

Required Resources

The following resources must be sent prior to this resource:

- Students
- Sections

Dependent Resources

The following resources are dependent on this resource (must be sent after this resource):

- Grades

Error Log

The following are potential Tier 1 (Ed-Fi API generated) or custom (Campus generated) errors you may receive when posting, updating, or deleting this resource. Please keep in mind that the "Error Message" below may not match your exact error message.

Error Message	Possible Causes / How to Fix

Object Data Elements

Data element labels below in **BOLD** are part of the natural key of this resource and are required data elements for the record to send through Ed-Fi.

- The Mandatory / Conditional / Optional column indicates what the state requires for each data element.

	Data Element Label	Business Rule(s)	Mandatory/ Conditional /Optional	Tool Path	Database Field

1	**beginDate**
	
	 (date)
		Month, day and year of the student's entry or assignment to the section. If blank, default is the start date of the first grading period (Business Rules: Core)
		
		 1. Report the **Roster Start Date** for the term record in which the start date occurs
		   a. For any records in the future terms for that course, use the earliest term start date
		   b. If Roster Start Date = NULL, report the earliest **Term Start Date** associated with the term descriptor selected for this section based on section schedule placement
			M	Roster	roster. startDate
					
					 terms. startDate

2	**sectionReference** *(reference)*	*A reference to the related Section resource (Business Rules: Core)* 1. Reports the fields that are part of the Natural Key for the **Section** resource	M	N/A	N/A
3	**studentReference** *(reference)*	*A reference to the related Student resource (Business Rules: Core)* 1. Reports the fields that are part of the Natural Key for the **Student** resource	M	N/A	N/A

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4	endDate
	
	(date)
		Month, day, and year of the withdrawal or exit of the student from the section. (Business Rules: Core)
		
		1. Report the **Roster End Date** for the student
		  a. If a roster end date is entered, delete any records for future terms for that section
		  b. If Roster End Date = NULL, report the latest **Term End Date** associated with the term descriptor selected for this section based on section schedule placement
			C	Roster	roster.
					endDate
					
					terms.
					endDate

5	attemptStatusDescriptor *(string)*	*Use InSufficient when students stays enrolled but withdraws from course in a specified term OR when students exits enrollment so exits section. Performance grade is not expected as student did not stay long enough in the section.* *Use sufficient when students enrollment stays long enough in the section with in a specified term and performance grade is expected for this course. (Business Rules: Localized)*	O	Grading Tasks	Calculated

1. If the student is NOT in grade 9-12, report NULL
   a. Otherwise, if student is in grade 9-12, calculate determined value:
2. Report **Attempt Status Override** from Section Student Detail or Roster Batch Edit
3. If Attempt Status Override = NULL,
   a. The student exits the section and re-enrolls:
      i. Report **Insufficient** on the earlier student section association with an End Date if the student does not have a grade for a Grading Task mapped to an Ed-Fi Grade Type
      ii. Report **Sufficient** for the latest student section association record if the student has a grade for Grading Task mapped to an Ed-Fi Grade Type or is expected to receive a grade
      iii. Note: In the case of multiple roster records for the student (exit, re-enroll, exit, etc), always report **Insufficient** for the first record
4. If the student exits the section prior to the section End Date
   a. AND there is a Grading Task mapped to an Ed-Fi Grade, but the student does NOT have a grade for that Grading Task on the section, report **Insufficient**
5. If the student exits the section prior to the section End Date
   a. AND the student has a Grade for the Ed-Fi Mapped Grading task on the section
      i. AND the Score for the student is mapped to an Ed-Fi Grade Type, report **Sufficient**
   b. Otherwise, if the Score is NOT mapped to an Ed-Fi Grade Type, report **Insufficient**
6. If the student is on the roster through the section end date, report **Sufficient**

6	programReference	Reference to related program resource *(Business Rules: Localized)*
		
		 1. If **World Language** is populated on Section Student Detail, report the associated programReference
		    a. If **World Language** is populated on Section, report the associated programReference
		    b. Otherwise, report **World Language** from Course for the student, if populated
		 2. If multiple programs are tied to the same course, report each program
		 3. If the student drops from the class without receiving a final, state reported grade, do NOT send the program reference.
		    a. If the student drops and then re-enrolls in the class, send the program reference, if data exists.
		 4. If student drops from the class and receives a final, state reported grade, SEND the program reference, if data exists.
			O	Programs	Calculated

7	homeroomIndicator *(boolean)*	*Indicates the section is the student's homeroom. Homeroom period may the convention for taking daily attendance. (Business Rules: Localized)* 1. If course or section has Homeroom = selected, report **True** a. Else report **False**	O	Course Section	
8	repeatIdentifierType	*(Business Rules: Core)* 1. This is optional, does not report	O	N/A	N/A
9	teacherStudentDataLinkExclusion	*(Business Rules: Core)* 1. This is optional, does not report	O	N/A	N/A

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