

Student Section Association (Nebraska v3.6)

Last Modified on 03/11/2024 8:47 am CDT

[Object Triggering Logic](#) | [School Exclude, Calendar Exclude, Resource Toggle and Resync Logic](#) | [Natural Key Changes, Cascading Updates, and Deletes Logic](#) | [Scope Year Logic](#) | [Resource Preferences](#) | [Event Queue Detail](#) | [Object Data Elements](#)

Tool Search: Ed-Fi

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

Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	<p>When a student is scheduled into a course section.</p> <ul style="list-style-type: none"> • A record reports for each Section record that is reported based on the Sections logic. • When roster start date is after the term end date, a record for the prior term is not reported. • Only sends records when the student has a enrollment in the schedule structure where the student is scheduled and is not marked as No Show or State Exclude. • Does not send records when the Calendar Exclude check box is checked. • Does not send records when the School Exclude check box is checked. • Does not send records when the Course is marked as Inactive or Exclude. • Reports a record when a new section is created for an existing course.
Post	Sends a new record when a student's roster start date is changed.
Put	<p>When section information is updated for a student or section.</p> <ul style="list-style-type: none"> • Updates when the course or section's homeroom field is changed.
Delete	When a student is deleted from a course section.
Delete	<p>Deletes any future records when the student is given a roster end date for the course.</p> <ul style="list-style-type: none"> • Roster End Date must be before Term Start date of future records
Delete/Post	Deletes the record when a student's roster start date is changed.

School Exclude, Calendar Exclude,

Resource Toggle and Resync Logic

This table describes the School Exclude, Calendar Exclude, Resource Toggle and Resync logic of this object.

Action	Trigger
None	When a resource is toggled to OFF after data has sent, all sent data will remain in the ODS but no new data sends.
Resync	When a record is in the Ed-Fi Identity Mapping table and not in the ODS, it is deleted from the Ed-Fi Identity Mapping table.
Resync	When a record is in the ODS and it does not have a matching record in Campus or the Ed-Fi Identity Mapping table, it is deleted from the ODS.
Resync	When a mapping is changed in Resource Preferences, a resync needs to be done to reflect the changes.

Natural Key Changes, Cascading Updates, and Deletes Logic

This table describes the Natural Key Changes/Cascading Updates and Deletes logic of this object.

Action	Trigger
Delete/Post	Natural Key change: <ul style="list-style-type: none"> The natural key logic from Sections and Students updates this resource when they change. When the students Begin Date changes.
Delete/Post	When the natural key changes all dependent data is deleted/posted. <ul style="list-style-type: none"> Student Section Attendance Events, Grades

Scope Year Logic

This table describes scope year logic of this object.

Logic
Reports records in the scope year in which the course/section's calendar is aligned. <ul style="list-style-type: none"> Data only sends for years that have valid configuration.

Resource Preferences

Data Element Label	Mapping Needed
Attempt Status Descriptors	Score List Item State Score

Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
roster	Post/Put/Delete	The primary table used for sending data for this resource.
roster	Put	End date
terms	Put	End date
course	Put	homeroom
section	Put	homeroom

Object Data Elements

This table describes data elements sent within the Student Section Association resource.

Data Element Label	Business Requirement	M, C or O	Data Source GUI Path
id	The unique identifier of the resource.	M	

Data Element Label	Business Requirement	M, C or O	Data Source GUI Path
beginDate	<p>Month, day and year of the student's entry or assignment to the section. When blank, default is the start date of the first grading period.</p> <p>Reports the roster start date for the term record in which the start date occurs. For any records in the future terms for that course, the earliest term start date is used.</p> <p>When Start Date is NULL, reports the earliest term start date associated with the term descriptor selected for this section based on section schedule placement.</p>	M	<p>Student Information> General> Schedule> Roster Start Date</p> <p>OR</p> <p>System Administration> Calendar> Calendar> Terms</p> <p>roster.startdate or terms.startdate</p>
sectionReference	<p>A reference to the related Section resource.</p> <p>Reports the fields that are part of the Natural Key for the Section resource.</p>	M	
studentReference	<p>A reference to the related Student resource.</p> <p>Reports the fields that are part of the Natural Key for the Student resource.</p>	M	

Data Element Label	Business Requirement	M, C or O	Data Source GUI Path
attemptStatusDescriptor	<p>An indication of the student’s attempt status for the section.</p> <ul style="list-style-type: none"> • When a grade is given to a student that has a state mapping of "Pass", sends AttemptStatus in the StudentSectionAssociation as "Pass". • When the grade given to a student has no state mapping, sends the AttemptStatus in the StudentSectionAssociation as "Pass". • When a grade is given to a student that has a state mapping of "Fail", sends the AttemptStatus in the StudentSectionAssociation as "Fail". • When a grade is given to a student that has a state mapping of "Incomplete", then send the AttemptStatus in the StudentSectionAssociation as "Incomplete". • When a grade is given to a student that has a state mapping of "Withdrawn", then send the AttemptStatus in the StudentSectionAssociation as "Withdrawn". • When a grade is given to a student that has a state mapping of "Audited", then send the AttemptStatus in the StudentSectionAssociation as "Audited". 	M	

Data Element Label	Business Requirement	M, C or O	Data Source GUI Path
endDate	<p>Month, day, and year of the withdrawal or exit of the student from the section.</p> <p>Reports the roster end date for the student .</p> <ul style="list-style-type: none"> When a roster end date is entered, delete any records for future terms for that section <p>When NULL, reports the latest term start date associated with the term descriptor selected for this section based on section schedule placement.</p>	O	<p>Student Information> General> Schedule> Roster End Date</p> <p>OR</p> <p>System Administration> Calendar> Calendar> Terms</p> <p>roster.endDate or terms.endDate</p>
homeroomIndicator	<p>Indicator that the class is the student's designated homeroom used for daily attendance reporting.</p> <p>Report True when the checkbox is checked on either the Section or the Course the section is assigned to.</p> <p>Else, reports False.</p>	O	<p>Scheduling> Course> Homeroom</p> <p>or</p> <p>Scheduling> Course> Section> Homeroom</p> <p>course.homeroom or section.homeroom</p>
repeatIdentifierType	<p>An indication as to whether a student has previously taken a given course.</p> <p>Does not report, this data is not collected in Campus.</p>	O	

Data Element Label	Business Requirement	M, C or O	Data Source GUI Path
teacherStudentDataLinkExclusion	<p>Indicates that the student-section combination is excluded from calculation of value-added or growth attribution calculations used for a particular teacher evaluation.</p> <p>Does not report, this data is not collected in Campus.</p>	O	
DualCreditDescriptor	<p>Indicates a student earned both high school and college credit for the course.</p> <p>Reports as 1: Dual Enrolled - Credit Received for students marked as Dual Credit in a Course or Section marked as Dual Credit Eligible. Otherwise, reports as 2: Dual Enrolled - Credit Not Received.</p> <p>Reports as 0: Not Dual Enrolled when the Course or Section is not marked as Dual Credit Eligible.</p>	C	<p>Index> Course/Section> Dual Credit Eligible</p> <p>OR</p> <p>Index> Course/Section> Section> Dual Credit Eligible</p>
etag	A unique system-generated value that identifies the version of the resource.	O	