

NE Ed-Fi Suite v3.6.1, Data Standard v4.0: Student Program Associations

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Summary

This association represents the program(s) that a student participates in or is served by.

Object Triggering Logic

Rule 18

Action	Business Rule(s)
Post	<ul style="list-style-type: none">• When Rule 18 program and a student transcript record are created in the calendar's configured year• Rule 18 program record must overlap the calendar's config year• Student must have a transcript record with teacher number field populated which overlaps the calendar's config year• Do not send a record if the Rule 18 Program is assigned to a student with enrollment in a calendar or school that is marked exclude
Delete /Post Put	A DELETE / POST will be performed if the data element being altered is part of the resource's natural key. A PUT will be performed otherwise.

Delete	<ul style="list-style-type: none"> • When the enrollment is marked State Exclude, No Show • When the enrollment determining the record is deleted • When part of the records' Natural Key changes • When the Rule 18 Program is deleted or when the record no longer overlaps the configured year
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Blended Learning Groups

Action	Business Rule(s)
Post	<ul style="list-style-type: none"> • When a new blended learning group is created and the status is set to Active and at least one student is assigned to the Blended Learning Group • A separate record will be sent for each school where there is at least 1 student added to the group based on the school of the student's enrollment • Do not send a record if the Blended Learning Group is only assigned to students with enrollments in a calendar that is marked exclude • Do not send a record if the Blended Learning Group is only assigned to students with enrollments in a school that is marked exclude
Delete /Post	A DELETE / POST will be performed if the data element being altered is part of the resource's natural key. A PUT will be performed otherwise.
Put	<ul style="list-style-type: none"> • Update modalityTypeDescriptor when a Blended Learning Group is either assigned to a calendar day or removed from all calendar days in a school. • Recalculate modalityTime whenever a Blended Learning Group is either added or removed on the Calendar Days.
Delete	<ul style="list-style-type: none"> • When the enrollment is marked State Exclude, No Show • When the enrollment determining the record is deleted • When part of the records' Natural Key changes • When a Program is deleted or when the record no longer overlaps the configured year

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Local Education Agencies
- Students
- Programs

Dependent Resources (Downstream)

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

- N/A

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 Logic

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.

Rule 18

	Data Element Label	Business Rule(s)	Mandatory (M) Conditional (C) Optional (O)	Data Source GUI Path	Database Field	Uses Template Logic (✓ / ✗ / EXT)
1	educationOrganizationReference	<i>A reference to the related EducationOrganization resource</i> <hr/> Report based off the calendar of the Rule 18 program record.	M			
2	programReference	<i>A reference to the related Program resource</i> <hr/> <ul style="list-style-type: none"> educationOrganizationID: Reports the district number or the reporting school programName: Reports "Rule 18 Interim-Program School" programTypeDescriptor: Reports uri://ed-fi.org/ProgramTypeDescriptor#Neglected and Delinquent Program" 	M			

3	beginDate	<p><i>The month, day, and year on which the Student first received services.</i></p> <hr/> <p>Reports the Start Date of the Rule 18 program record.</p> <p>Note: If Start Date is null, the Program Fact record must have been created in the current calendar config year.</p>	M	General > Programs Fact > Start Date		
4	endDate	<p><i>The month, day, and year on which the Student exited the Program or stopped receiving services</i></p> <hr/> <ul style="list-style-type: none"> Report the End Date of the Rule 18 program record. <p>Note: If End Date is null, the Program Fact record must have been created in the current calendar config year.</p>	M	General > Programs Fact > End Date		

Blended Learning

	Data Element Label	Business Rule(s)	Mandatory (M) Conditional (C) Optional (O)	Data Source GUI Path	Database Field	Uses Template Logic (✓ / ✗ / EXT)
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1	educationOrganizationReference	<p><i>A reference to the related EducationOrganization resource</i></p> <hr/> <p>Report a unique record for each school where there is at least 1 student added to the Blended Learning Group based on the school where the student is enrolled.</p>	M	Report from state school number		
2	programReference	<p><i>A reference to the related Program resource.</i></p> <hr/> <ul style="list-style-type: none"> • programName: Report the name of the Blended Learning Group • programTypeDescriptor : Always report 'Learning Modality' in this field for all Learning Modality Programs. 	M	Blended Learning Group	blendedlearninggroup.name	
3	beginDate	<p><i>The month, day, and year on which the Student first received services.</i></p> <hr/> <p>Reports the start date from the Blended Learning Group.</p>	M	Scheduling > Blended Learning Groups	blendedLearningGroupAssignment.startdate	

4	endDate	<p><i>The month, day, and year on which the Student exited the Program or stopped receiving services.</i></p> <hr/> <p>Reports the end date from the Blended Learning Group.</p>	M	Scheduling > Blended Learning Groups	blendedLearningGroupAssignment. enddate	
5	modalityTypeDescriptor	<p><i>Defines the Modality that is being reported as either 'In Person' or 'Remote'.</i></p> <hr/> <p>If group is assigned to at least 1 day in the calendar report 'Remote' else report 'In Person'</p>	M	calendar>days		EXT
6	modalityTimeTypeDescriptor	<p><i>Defines the unit(s) of time reporting the the Modality Time Descriptor.</i></p> <hr/> <p>Report 'Days'</p>	M	Hard code		EXT

7	modalityTime	<p><i>The amount of time the student spends in that Modality</i></p> <hr/> <p>Look across all calendars /schedule structures the group is assigned in a school and count a unique number of days beginning with the earliest calendar start date through the max calendar end date that the group is tied to.</p> <p>Example: If group is assigned to multiple calendars on August 16th, that only counts as 1 day.</p>	M	Calendar> Calendar> Days	calendar.days	EXT
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Appendix