WI Ed-Fi Suite 3 API v7.3 Data Standard v5.2: Sections

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Summary

This educational entity represents a setting in which organized instruction of course content is provided to one or more students for a given period of time. A course may be offered to more than one class/section. Instruction, provided by one or more teachers or other staff members, may be delivered in person or via a different medium.

Object Triggering

Action	Business Rule(s)
Post	When a section is created and saved • Section Placement is required in order for the section to send • 1 record will report for each Section and Term Type combination • Do not send records if the Calendar Exclude check box is checked • Do not send records if the course is marked inactive • Do not send if the School Exclude check box is checked When Section Placement is changed and saved on a section
Put	When any fields listed below are changed: • When the SCED Seq Number is changed and saved on the Course editor • When the Instructional Setting is changed and saved on a section • When the Credit field is changed and saved on a Grading Task assigned to the course
Delete/Post	When the Local Course Number or Term type is changed

Delete	When a section is deleted
	When Section Placement is changed or removed and saved on a section

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Schools
- Course Offerings

Dependent Resources (Downstream)

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

- Student Section Associations
- Staff Section Associations
- 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.
- The Uses Core Template Rules column indicates if the element uses Infinite Campus Core Ed-Fi rules, has been Localized using DOE rules, or the element has been added by a DOE as an Extended Element.

	Data Element Label	Business Rule(s)	Mandatory/ Conditional/ Optional	Tool Path	Database Field	Uses Template Logic (Y/N/EXT)
1	**sectionIdentifier** (string)	*The local identifier assigned to a section.* 1. Reports the section ID of the section being reported	M	N/A	section. sectionID	Y
2	**courseOfferingReference** (reference)	*A reference to the related CourseOffering resource* 1. Reports the fields that are part of the Natural Key for the Course Offering resource	M	N/A	N/A	Y
3	locationReference (reference)	*A reference to the related Location resource* 1. Reports the fields that are part of the Natural Key for the Locations resource	M	N/A	N/A	Y

4	**locationSchoolReference** *(reference)*	*A reference to the related School resource* 1. Reports the fields that are part of the Natural Key for the School resource	M	N/A	N/A	Y
5	mediumOfInstructionDescriptor *(string)*	*The media through which teachers provide instruction to students and students and teachers communicate about instructional matters; for example: Technology-based instruction in classroom Correspondence instruction Face-to-face instruction Virtual/On-line Distance learning Center-based instruction* 1. Report first from the Medium of Instruction field on Section a. If section is NULL, report from Medium of Instruction on the Course	O	Course		N
6	officialAttendancePeriod *(boolean)*	*Indicator of whether this section is used for official daily attendance. Alternatively, official daily attendance may be tied to a class period.* 1. Report True if 'Attendance' on course is selected 2. Report False if 'Attendance' on course is deselected	O	Course	course. attendance	Y

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7	sequenceOfCourse *(integer)*	*When a section is part of a sequence of parts for a course, the number if the sequence. If the course has only onle part, the value of this section attribute should be 1* 1. Report the value selected in the SCED Sequence "Part n" field. a. If SCED sequence is 1 out of 1, do not report 2. If NULL, do not report	O	Course	course. scedSequence	N

8	instructionLanguageDescriptor
	
	(string)
		The primary language of instruction, if omitted English is assumed.
		
		1. Report when a course is taught in a language other than English
		   a. Report first from Language of Instruction on Section
		   b. If Section is NULL, report from Language of Instruction on Course
		   c. Otherwise, do not report
			O	Course
				
				Section
						N

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9	programs
	
	(array)
		An unordered collection of sectionPrograms. This educational entity represents a setting in which organized instruction of course content is provided to one or more students for a given period of time. A course may be offered to more than one class/section. Instruction, provided by one or more teachers or other staff members, may be delivered in person or via a different medium
		
		1. If World Language is populated on Section, report programReference for WL from Section.
		    a. Otherwise, report the value select on Course if populated
		2. If the Dual Enrollment field is populated on Section, report the programReference from the section.
		    a. Otherwise, report from Course if populated
		3. If IRC/Certified Learning Method is populated on Section, report the associated programReference
		    a. Otherwise, report value from the Course if populated
		4. If WBL/Non-Certificated Learning Method is populated on Section, report the associated programReference
		    a. Otherwise, report value from the Course if populated
		5. If multiple programs are tied to the same course, report each program
		
		See Appendix for logic and reporting values for programType and programName
			O			N

10	classPeriods 1. This is optional, does not report		O	N/A	N/A	N
11	availableCredits 1. This is optional, does not report		O	N/A	N/A	N

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12	educationalEnvironmentDescriptor	1. This is optional, does not report	O	N/A	N/A	N
13	programs	1. This is optional, does not report	O	N/A	N/A	Y
14	populationServedDescriptor	1. This is optional, does not report	O	N/A	N/A	Y
15	offeredGradeLevels	1. This is optional, does not report	O	N/A	N/A	Y
16	courseLevelCharacteristics	1. This is optional, does not report	O	N/A	N/A	Y
17	characteristics	1. This is optional, does not report	O	N/A	N/A	Y
18	availableCreditTypeDescriptor	1. This is optional, does not report	O	N/A	N/A	Y
19	availableCreditConversion	1. This is optional, does not report	O	N/A	N/A	Y

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Appendix A:

Programs logic and values for programType and programName

Program Type	Program Name	Logic
uri://dpi.wi.gov/ProgramTypeDescriptor#WL	Exploratory World Language Program (EXWL)	1. Report this program type and program name if World Language is mapped to the Ed-Fi Code: Exploratory World Language Program (EXWL) for SY 2022-23 and later
uri://dpi.wi.gov/ProgramTypeDescriptor#WL	Elementary School World Language Program (ESWL)	1. Report this program type and program name if World Language is mapped to the Ed-Fi Code: Elementary School World Language Program (ESWL) for SY 2022-23 and later
uri://dpi.wi.gov/ProgramTypeDescriptor#WL	Content-Based World Language Program (CBWL)	1. Report this program type and program name if World Language is mapped to the Ed-Fi Code: Content-Based World Language Program (CBWL) for SY 2022-23 and later
uri://dpi.wi.gov/ProgramTypeDescriptor#WL	Two-Way Dual Language Education Program (DLTW-WL)	1. Report this program type and program name if World Language is mapped to the Ed-Fi Code: Two-Way Dual Language Education Program (DLTW-WL) for SY 2022-23 and later
uri://dpi.wi.gov/ProgramTypeDescriptor#WL	Dual Language Education - Heritage learners (DLDB-HL)	1. Report this program type and program name if World Language is mapped to the Ed-Fi Code: Dual Language Education - Heritage learners (DLDB-HL) for SY 2022-23 and later
uri://dpi.wi.gov/ProgramTypeDescriptor#WL	Secondary Level World Language Program (SLWL)	1. Report this program type and program name if World Language is mapped to the Ed-Fi Code: Secondary Level World Language Program (SLWL) for SY 2022-23 and later

uri://dpi.wi.gov/ProgramTypeDescriptor#WL	Heritage Learner World Language Program (HLWL)	1. Report this program type and program name if World Language is mapped to the Ed-Fi Code: Heritage Learner World Language Program (HLWL) for SY 2022-23 and later
uri://dpi.wi.gov/ProgramTypeDescriptor#WL	American Indian Language Program (AIWL)	1. Report this program type and program name if World Language is mapped to the Ed-Fi Code: American Indian Language Program (AIWL) for SY 2022-23 and later
uri://dpi.wi.gov/ProgramTypeDescriptor#WL	Facilitated World Language Program (FWLS)	1. Report this program type and program name if World Language is mapped to the Ed-Fi Code: Facilitated World Language Program (FWLS) for SY 2022-23 and later
uri://dpi.wi.gov/ProgramTypeDescriptor#WL	One-Way Dual Language Education Program (OWDL)	1. Report this program type and program name if World Language is mapped to the Ed-Fi Code: One-Way Dual Language Education Program (OWDL) for SY 2022-23 and later
uri://dpi.wi.gov/ProgramTypeDescriptor#Dual	College Course with Private College	1. Report this program type and program name if Dual Enrollment is mapped to the Ed-Fi Code: College Course with Private College
uri://dpi.wi.gov/ProgramTypeDescriptor#Dual	College Course with Technical College	1. Report this program type and program name if Dual Enrollment is mapped to the Ed-Fi Code:College Course with Technical College
uri://dpi.wi.gov/ProgramTypeDescriptor#Dual	College Course with Tribal College	1. Report this program type and program name if Dual Enrollment is mapped to the Ed-Fi Code:College Course with Tribal College

uri://dpi.wi.gov /ProgramTypeDescriptor#Dual	College Course with UW System	1. Report this program type and program name if Dual Enrollment is mapped to the Ed-Fi Code:College Course with UW System
uri://dpi.wi.gov /ProgramTypeDescriptor#Dual	High School Course with Private College	1. Report this program type and program name if Dual Enrollment is mapped to the Ed-Fi Code:High School Course with Private College
uri://dpi.wi.gov /ProgramTypeDescriptor#Dual	High School Course with Technical College	1. Report this program type and program name if Dual Enrollment is mapped to the Ed-Fi Code:High School Course with Technical College
uri://dpi.wi.gov /ProgramTypeDescriptor#Dual	High School Course with Tribal College	1. Report this program type and program name if Dual Enrollment is mapped to the Ed-Fi Code:High School Course with Tribal College
uri://dpi.wi.gov /ProgramTypeDescriptor#Dual	High School Course with UW System	1. Report this program type and program name if Dual Enrollment is mapped to the Ed-Fi Code:High School Course with UW System
uri://dpi.wi.gov /ProgramTypeDescriptor#Certified	IRC - Not State Approved	1. Report this program type and program name if Certified Learning Method is mapped to the Ed-Fi Code: IRC - Not State Approved for SY 21-22 to SY 23-24
uri://dpi.wi.gov /ProgramTypeDescriptor#Certified	IRC State Approved Business & Industry	1. Report this program type and program name if Certified Learning Method is mapped to the Ed-Fi Code: IRC State Approved Business & Industry for SY 21-22 to SY 23-24

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uri://dpi.wi.gov/ProgramTypeDescriptor#Certified	IRC State Approved WTCS- Associates	1. Report this program type and program name if Certified Learning Method is mapped to the Ed-Fi Code: IRC State Approved WTCS- Associates for SY 21-22 to SY 23-24
uri://dpi.wi.gov/ProgramTypeDescriptor#Certified	IRC State Approved WTCS- Embedded Technical Diploma	1. Report this program type and program name if Certified Learning Method is mapped to the Ed-Fi Code: IRC State Approved WTCS- Embedded Technical Diploma for SY 21-22 to SY 23-24
uri://dpi.wi.gov/ProgramTypeDescriptor#Certified	State Co-op Ed. Skill Standards - DPI Employability Skills	1. Report this program type and program name if Certified Learning Method is mapped to the Ed-Fi Code: State Co-op Ed. Skill Standards - DPI Employability Skills for SY 21-22 to SY 23-24
uri://dpi.wi.gov/ProgramTypeDescriptor#Certified	State Co-op Ed. Skill Standards - DPI Occupational	1. Report this program type and program name if Certified Learning Method is mapped to the Ed-Fi Code: State Co-op Ed. Skill Standards - DPI Occupational for SY 21-22 to SY 23-24
uri://dpi.wi.gov/ProgramTypeDescriptor#Certified	State Co-op Ed. Skill Standards - DPI Youth Leadership	1. Report this program type and program name if Certified Learning Method is mapped to the Ed-Fi Code: State Co-op Ed. Skill Standards - DPI Youth Leadership for SY 21-22 to SY 23-24
uri://dpi.wi.gov/ProgramTypeDescriptor#Certified	Youth Apprenticeship	1. Report this program type and program name if Certified Learning Method is mapped to the Ed-Fi Code: Youth Apprenticeship for SY 23-24 and earlier
uri://dpi.wi.gov/ProgramTypeDescriptor#Non Certified	Internship/Local Co-op	1. Report this program type and program name if Non-Certificated Learning Method is mapped to the Ed-Fi Code: Internship/Local Co-op for SY 21-22 to SY 23-24

uri://dpi.wi.gov /ProgramTypeDescriptor#Non Certified	Entrepreneurial Student Business	1. Report this program type and program name if Non-Certificated Learning Method is mapped to the Ed-Fi Code: Entrepreneurial Student Business for SY 21-22 to SY 23-24
uri://dpi.wi.gov /ProgramTypeDescriptor#Non Certified	School-based Enterprise	1. Report this program type and program name if Non-Certificated Learning Method is mapped to the Ed-Fi Code: School-based Enterprise for SY 21-22 to SY 23-24
uri://dpi.wi.gov /ProgramTypeDescriptor#Non Certified	Supervised Agricultural Experience	1. Report this program type and program name if Non-Certificated Learning Method is mapped to the Ed-Fi Code: Supervised Agricultural Experience for SY 21-22 to SY 23-24
uri://dpi.wi.gov /ProgramTypeDescriptor#Non Certified	Simulated Worksite	1. Report this program type and program name if Non-Certificated Learning Method is mapped to the Ed-Fi Code: Simulated Worksite for SY 21-22 to SY 23-24
uri://dpi.wi.gov /ProgramTypeDescriptor#IRC	IRC - Not State Approved	1. Report this program type and program name if IRC/Certified Learning Method is mapped to the Ed-Fi Code: IRC - Not State Approved for SY 2024-25 and later
uri://dpi.wi.gov /ProgramTypeDescriptor#IRC	IRC State Approved Business & Industry	1. Report this program type and program name if IRC/Certified Learning Method is mapped to the Ed-Fi Code: IRC State Approved Business & Industry for SY 2024-25 and later
uri://dpi.wi.gov /ProgramTypeDescriptor#IRC	IRC State Approved WTCS- Associates	1. Report this program type and program name if IRC/Certified Learning Method is mapped to the Ed-Fi Code: IRC State Approved WTCS- Associates for SY 2024-25 and later

uri://dpi.wi.gov/ProgramTypeDescriptor#IRC	IRC State Approved WTCS- Embedded Technical Diploma	1. Report this program type and program name if IRC/Certified Learning Method is mapped to the Ed-Fi Code: IRC State Approved WTCS- Embedded Technical Diploma for SY 2024-25 and later
uri://dpi.wi.gov/ProgramTypeDescriptor#IRC	IRC State Approved WTCS- Technical Diploma	1. Report this program type and program name if IRC/Certified Learning Method is mapped to the Ed-Fi Code: IRC State Approved WTCS- Technical Diploma for SY 2024-25 and later
uri://dpi.wi.gov/ProgramTypeDescriptor#WBL	State Co-op Ed. Skill Standards - DPI Employability Skills	1. Report this program type and program name if WBL/Non-Certified Learning Method is mapped to the Ed-Fi Code: State Co-op Ed. Skill Standards - DPI Employability Skills for SY 2024-25 and later
uri://dpi.wi.gov/ProgramTypeDescriptor#WBL	State Co-op Ed. Skill Standards - DPI Occupational	1. Report this program type and program name if WBL/Non-Certified Learning Method is mapped to the Ed-Fi Code: State Co-op Ed. Skill Standards - DPI Occupational for SY 2024-25 and later
uri://dpi.wi.gov/ProgramTypeDescriptor#WBL	State Co-op Ed. Skill Standards - DPI Youth Leadership	1. Report this program type and program name if WBL/Non-Certified Learning Method is mapped to the Ed-Fi Code: State Co-op Ed. Skill Standards - DPI Youth Leadership for SY 2024-25 and later
uri://dpi.wi.gov/ProgramTypeDescriptor#WBL	Youth Apprenticeship	1. Report this program type and program name if WBL/Non-Certified Learning Method is mapped to the Ed-Fi Code: Youth Apprenticeship for SY 2024-25 and later

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uri://dpi.wi.gov/ProgramTypeDescriptor#WBL	Internship/Local Co-op	1. Report this program type and program name if WBL/Non-Certified Learning Method is mapped to the Ed-Fi Code: Internship/Local Co-op for SY 2024-25 and later
uri://dpi.wi.gov/ProgramTypeDescriptor#WBL	Entrepreneurial Student Business	1. Report this program type and program name if WBL/Non-Certified Learning Method is mapped to the Ed-Fi Code: Entrepreneurial Student Business for SY 2024-25 and later
uri://dpi.wi.gov/ProgramTypeDescriptor#WBL	School-based Enterprise	1. Report this program type and program name if WBL/Non-Certified Learning Method is mapped to the Ed-Fi Code: School-based Enterprise for SY 2024-25 and later
uri://dpi.wi.gov/ProgramTypeDescriptor#WBL	Supervised Agricultural Experience	1. Report this program type and program name if WBL/Non-Certified Learning Method is mapped to the Ed-Fi Code: Supervised Agricultural Experience for SY 2024-25 and later
uri://dpi.wi.gov/ProgramTypeDescriptor#WBL	Simulated Worksite	1. Report this program type and program name if WBL/Non-Certified Learning Method is mapped to the Ed-Fi Code: Simulated Worksite for SY 2024-25 and later