

Technical Specification

Study Information API



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1 Introduction

The Study Information API provides services that make it possible to get study plan and subject plan for students and to update or add course choices and subject choices. The services in the Study Information API are accessed via URIs.

This document describes following:

- Which study information that a user can get via the Study Information API.
- How the study information is divided into entities and how these entities are structured.

1.1 Prerequisites

Before you can get access to the Study Information API you must request a license key from Tieto. You should have basic knowledge on Swedish school system and W3C XML before you start using the API.

2 Supported school types

The table below describes the supported types of school.

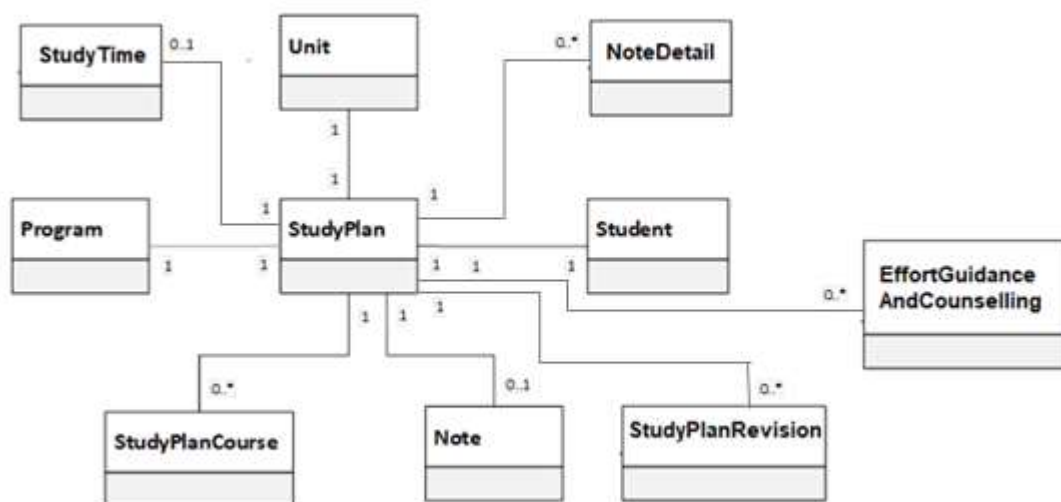
| School type | Description | Code |
|--------------------------------------------------|----------------------------------------------|------|
| Compulsory School | Compulsory school | GR |
| Compulsory School For Learning Disabilities | Compulsory school for learning disabilities | S |
| Upper Secondary School | Secondary school. 3-4 years education | GY |
| Upper Secondary School For Learning Disabilities | Secondary school for learning disabilities | GS |
| Swedish For Immigrants School | Swedish for immigrants school | SF |
| Adult School For Learning Disabilities | School for adults with learning disabilities | SV |
| Municipal Adult School | Municipality school for adults | KV |
| Higher Vocational Education | Higher vocational education | YH |

3 Study plan

3.1 Description

This chapter describes the study plan entities and their attributes.

3.2 Domain model



3.3 Entities

3.3.1 Properties

The delivery information of the Study information data that is used to manage the exchange of data between source and target system.

| Name | Description |
|------------|----------------------------------------------------------------------------------------------|
| datetime | The date and time the XML information were generated. The format is as [YYYY-MM-DDTHH:MM:SS] |
| datasource | This is the source identifier of data source |
| comments | Input values for the service, in free text format. |
| schooltype | The schooltype of which the data is encompassing |
| timeframe | Time frame for the study information data |

3.3.2 StudyPlan

| Name | Description | Read-only |
|------------------------------|---------------------------------------------------------|-----------|
| student | The student | Yes |
| unit | The responsible school unit. | Yes |
| program | Program information a student's individual study plan | Yes |
| course | All study plan courses | Yes |
| note | All notes | Yes |
| study time | Latest study time of student | Yes |
| notedetail | All notes with details | Yes |
| studyplanrevision | study plan revisions | Yes |
| effortguidanceandcounselling | Effort guidance and counselling information for student | Yes |
| Placementhistory | Placement history of student | Yes |

3.3.3 StudyPlanCourse

| Name | Description | Read-only |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Id | Id of study plan course(GUID) | Yes |
| code | SCB course code | Yes |
| name | Name of the course | Yes |
| nameinenglish | Name of the course in English | Yes |
| type | Type of course UpperSecondarySubjects ProgrammeSpecificSubjects Orientation ProgrammeSpecialisation IndividualOptions DiplomaProject OrientationAndProgrammeSpecialisation UpperSecondarySubjectsForStudentsWithLearningDisabilities AssessedCourseWork CommonSubjectsInFurtherEducation Profile Outcome DegreeProject Other | Yes |

| Name | Description | Read-only |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| deviation | Deviation from the program. Not set for the adult school types. <i>NoDeviation</i> Indicates that the course is part of the program as default <i>Added</i> Indicates that the course has been added <i>Removed</i> Indicates that the course has been removed <i>Replacement</i> Indicates that the course has replaced another course. The program is individually tailored. <i>Transformation</i> Indicates that the course has replaced another course that is not valid any longer. | Yes |
| comment | Can for example be used for mentioning the course code for a replaced or transformed course | Yes |
| content | Information about a course specialization. Only set for specialized courses. Not set for the adult school types. | Yes |
| contentinenglish | Information about a course specialization in english. Only set for specialized courses. Not set for the adult school types. | Yes |
| points | Points for the course | Yes |
| hours | Hours for the course | Yes |
| grade | Grade for the course. Only set if the grade is locked | Yes |
| gradedate | Grade date | Yes |
| connectedgrade | Actual grade in that period | Yes |
| connectedgradelockdate | Connected grade lock date | Yes |
| group | Group in which the course is studied | Yes |
| start | Start date for the course | Yes |
| end | End date for the course | Yes |
| trialperformed | Indicates that a trial of the course knowledge has been performed. Not set for the adult school types. | Yes |
| specialorientedsubjectplan | Information about a special oriented subject plan. | Yes |
| schoolname | School name | Yes |
| continues | Indicates if the course continues | Yes |
| courselevel | Level | Yes |
| coursepoints | Course point | Yes |
| coursegoal | Course goal | Yes |
| subjectcode | School subject code. For more information see www.skolverket.se | Yes |

| Name | Description | Read-only |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| status | Status for the course <i>active</i> Indicates that the course is active or complete <i>break</i> Indicates that the course is on break <i>applied</i> Indicate course is applied or searched | Yes |
| statustext | Status text of the course | Yes |
| statusextrinfo | Status extra information of the course | Yes |
| coursepackage | Course package name | Yes |

3.3.4 Student

| Name | Description | Read-only |
|------|--------------------------------------------------------------|-----------|
| id | Student identity. The id can be GUID or PID for the student. | Yes |
| name | Student name | Yes |

3.3.5 Unit

| Name | Description | Read-only |
|----------------|-----------------------------------------|-----------|
| schoolname | School name | Yes |
| schoolunitname | School unit name | Yes |
| schoolunitcode | School unit code | Yes |
| schooltype | School type, see supported school types | Yes |

3.3.6 Program

| Name | Description | Read-only |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| code | Program code | Yes |
| name | Program name | Yes |
| nameinenglish | Program name in English | Yes |
| type | Program type <i>None</i> No program type <i>VocationalProgram</i> Vocational program <i>UniversityPreparing</i> University preparing program <i>IntroductionProgram</i> Introduction program | Yes |
| orientation | Program orientation/specialization | Yes |
| orientationinenglish | Program orientation/specialization in English | Yes |

| Name | Description | Read-only |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| extent | <p>The program extent for the student.</p> <p><i>Complete</i> Indicates that the program extent is complete for the student</p> <p><i>Reduced</i> Indicates that the program is reduced for the student</p> <p><i>Extended</i> Indicates that the program is extended for the student</p> | Yes |
| individuallytailored | Indicates if the program is individually tailored | Yes |
| profilecode | Program profile code | Yes |
| profilename | Program profile name | Yes |
| vocationaloutcomecode | Vocational outcome code. Only set for programs with vocational outcome. | Yes |
| vocationaloutcomename | Vocational outcome name. Only set for programs with vocational outcome. | Yes |
| vocationaloutcomenameinenglish | Vocational outcome name in english. Only set for programs with vocational outcome. | Yes |

3.3.7 Note

| Name | Description | Read-only |
|-----------------------|--------------------------|-----------|
| motivation | Motivation note | Yes |
| motivationcounselling | Student counselling note | Yes |
| educationgoal | Education goal note | Yes |
| other | Other note | Yes |
| studyplan | Note from studyplan. | Yes |

3.3.8 NoteDetail

| Name | Description | Read-only | | | | | | | | | | |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------|------------------|------------|------------------|------------------|-------------------|----------------|-------------------|------------------|-----|
| id | Id of study plan note(GUID) | Yes | | | | | | | | | | |
| type | <p>Type of note. The official values can be found in the table below. Administrators can create more note types so it's possible to see other types than these.</p> <table><tr><td><i>ANTECK_ANS</i></td><td>Övriga anteckningar</td></tr><tr><td><i>MOTIV_ANS</i></td><td>Motivering</td></tr><tr><td><i>MOTIV_SYV</i></td><td>SYV anteckningar</td></tr><tr><td><i>UTBMÅL_ANS</i></td><td>Utbildningsmål</td></tr><tr><td><i>ANTECK_ELV</i></td><td>Elevanteckningar</td></tr></table> | <i>ANTECK_ANS</i> | Övriga anteckningar | <i>MOTIV_ANS</i> | Motivering | <i>MOTIV_SYV</i> | SYV anteckningar | <i>UTBMÅL_ANS</i> | Utbildningsmål | <i>ANTECK_ELV</i> | Elevanteckningar | Yes |
| <i>ANTECK_ANS</i> | Övriga anteckningar | | | | | | | | | | | |
| <i>MOTIV_ANS</i> | Motivering | | | | | | | | | | | |
| <i>MOTIV_SYV</i> | SYV anteckningar | | | | | | | | | | | |
| <i>UTBMÅL_ANS</i> | Utbildningsmål | | | | | | | | | | | |
| <i>ANTECK_ELV</i> | Elevanteckningar | | | | | | | | | | | |
| text | Note description | Yes | | | | | | | | | | |

| Name | Description | Read-only |
|------------------|--------------------------------------|-----------|
| createdtimestamp | Time stamp when the note was created | Yes |
| updatetimestamp | Last update time stamp | Yes |
| updatedby | Signature of person who updated note | Yes |

3.3.9 Studytime

| Name | Description | Read-only |
|-----------------------------|----------------------------------------|-----------|
| id | Id of study time(GUID) | Yes |
| previouseducationcode | Last education code | Yes |
| previouseducationtext | Last education code name | Yes |
| commentstopreviouseducation | Comment on last education | Yes |
| currentoccupationcode | Current or last occupation code | Yes |
| currentoccupationtext | Current or last occupation code name | Yes |
| occupationdescription | Current or last occupation description | Yes |
| purposeofeducationcode | Code for purpose of study | Yes |
| purposeofeducationtext | Name for purpose of study code | Yes |
| plannedextent | Planned extent | Yes |
| studypacecode | Study pace code | Yes |
| studypacetext | Study pace code name | Yes |
| studyfundingcode | Study funding code | Yes |
| studyfundingtext | Study funding code name | Yes |
| startdate | Start date | Yes |
| enddate | End date | Yes |

3.3.10 EffortGuidanceAndCounselling

| Name | Description | Read-only |
|------------|---------------------------------------------|-----------|
| questionid | Question id (GUID) | Yes |
| question | Question | Yes |
| answer | Answer. Possible vale is yes or no | Yes |
| answerdate | Date when answer is given | Yes |
| updatedby | Signature of person who has updated answers | Yes |

3.3.11 StudyplanRevision

| Name | Description | Read-only |
|-------------|-------------------------------|-----------|
| id | Study plan revision id (GUID) | Yes |
| date | Revision date | Yes |
| changedfrom | Changed from | Yes |
| changedto | Changed to | Yes |
| reason | Reason of revision | Yes |

3.3.12 Placementhistory

| Name | Description | Read-only |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| period | Placement period | Yes |
| class | Class name | Yes |
| programcode | Program code | Yes |
| programname | Program name | Yes |
| programnameinenglish | Program name in English | Yes |
| officialprogramcode | Official program code | Yes |
| officialprogramname | Official program name | Yes |
| officialprogramnameinenglish | Official program name in English | Yes |
| profile | Profile | Yes |
| officialunitname | Unit name | Yes |
| mentor | Mentor name | Yes |
| schoolyears | School year | Yes |
| extent | <p>The program extent for the student.</p> <p><i>Complete</i> Indicates that the program extent is complete for the student</p> <p><i>Reduced</i> Indicates that the program is reduced for the student</p> <p><i>Extended</i> Indicates that the program is extended for the student</p> | Yes |
| extenttext | Extent text | Yes |
| extenttextinenglish | Extent text in English | Yes |
| branchname | Branch name | Yes |
| branchnameinenglish | Branch name in English | Yes |

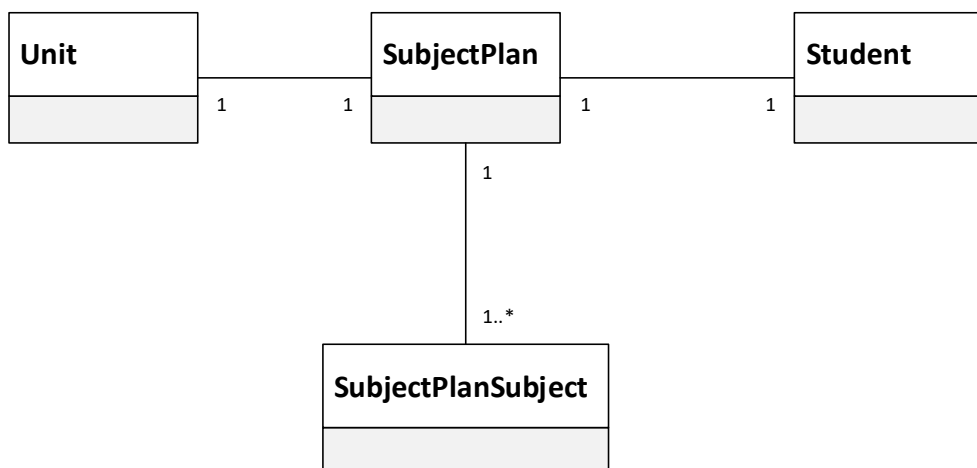
| Name | Description | Read-only |
|----------------------|-------------------------|-----------|
| officialbranchname | Official branch name | Yes |
| profiletext | Profile text | Yes |
| profiletextinenglish | Profile text in English | Yes |
| startdate | Start date of placement | Yes |
| enddate | End date of placement | Yes |

4 Subject plan

4.1 Description

This chapter describes the subject plan entities and their attributes.

4.2 Domain model



4.3 Entities

4.3.1 SubjectPlan

| Name | Description | Read-only |
|----------|------------------------------------------------|-----------|
| student | The student | Yes |
| unit | The responsible school unit. | Yes |
| subjects | All subjects that are part of the subject plan | Yes |

4.3.2 SubjectPlanSubject

| Name | Description | Read-only |
|---------------|------------------------------|-----------|
| code | SCB subject code | Yes |
| name | Name for the subject | Yes |
| nameinenglish | English name for the subject | Yes |
| language | Language code | Yes |

| Name | Description | Read-only |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| type | Type of subject choice StudentChoice Student choice (not a modern language) StudentChoiceLanguage Student choice (modern language) LanguageChoice Language choice (modern language) AlternativeToLanguageChoice Alternative to language choice MotherTongue Mother tongue Other Other type | Yes |
| schoolyear | School year | Yes |
| start | Start date for the subject | Yes |
| end | End date for the subject | Yes |
| schoolname | School name | Yes |
| reduced | Type of reduction: None The subject is not reduced AdaptedStudyRoute The student studies the subject as an adapted study route (Anpassad studiegång) AdaptedTimetable The student studies the subject as an adapted time table (Anpassad tidplan) | Yes |
| recommendedsubjectcode | Generated scb code for subject | Yes |

4.3.3 Student

| Name | Description | Read-only |
|------|--------------------------------------------------------------|-----------|
| id | Student identity. The id can be GUID or PID for the student. | Yes |
| name | Student name | Yes |

4.3.4 Unit

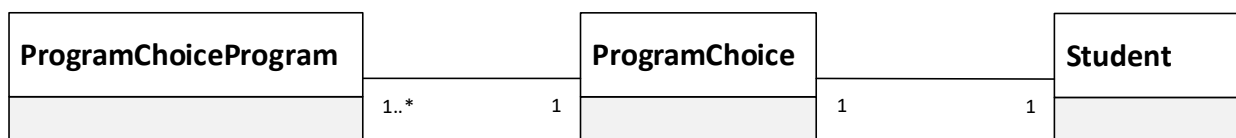
| Name | Description | Read-only |
|----------------|-----------------------------------------|-----------|
| schoolname | School name | Yes |
| schoolunitname | School unit name | Yes |
| schoolunitcode | School unit code | Yes |
| Schooltype | School type, see supported school types | Yes |

5 Program choice

5.1 Description

This chapter describes the program choice entities and their attributes.

5.2 Domain model



5.3 Entities

5.3.1 ProgramChoice

| Name | Description | Read-only |
|---------|------------------------|-----------|
| student | The student | No |
| program | Program choice program | No |

5.3.2 ProgramChoiceProgram

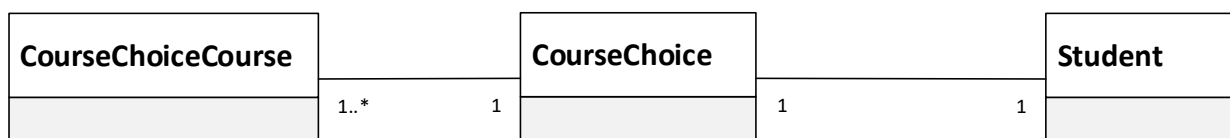
| Name | Description | Read-only |
|-----------------------|-------------------------------------------------------------------------|-----------|
| code | Program code | No |
| profilecode | Program profile code | No |
| vocationaloutcomecode | Vocational outcome code. Only set for programs with vocational outcome. | No |
| reduced | Student adapted subject | No |

5.3.3 Student

| Name | Description | Read-only |
|------|--------------------------------------------------------------|-----------|
| id | Student identity. The id can be GUID or PID for the student. | No |
| name | Student name | Yes |

This chapter describes the course choice entities and their attributes.

6.2 Domain model



6.3 Entities

6.3.1 CourseChoice

| Name | Description | Read-only |
|---------|------------------------------------------------|-----------|
| student | The student | No |
| courses | All courses that are part of the course choice | No |

6.3.2 CourseChoiceCourse

| Name | Description | Read-only |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| code | SCB course code | No |
| type | Course type <i>Orientation</i> Orientation <i>ProgramRecess</i> Program recess <i>IndividualChoice</i> Individual choice | No |
| deviation | Deviation from the program. Not set for the adult school types. <i>NoDeviation</i> Indicates that the course is part of the program as default <i>Added</i> Indicates that the course has been added <i>Removed</i> Indicates that the course has been removed | No |
| content | Information about a course specialization. Only set for specialized courses. Not set for the adult school types. | No |
| contentinenglish | Information about a course specialization in english. Only set for specialized courses. Not set for the adult school types. | No |

| Name | Description | Read-only |
|----------------|-----------------------------------------------------------------------------------------------------------|-----------|
| trialperformed | Indicates that a trial of the course knowledge has been performed. Not set for the adult school types. | No |
| hours | Hours for the course | No |
| group | Group in which the course is studied | No |
| start | Start date for the course | No |
| end | End date for the course | No |

6.3.3 Student

| Name | Description | Read-only |
|------|--------------------------------------------------------------|-----------|
| id | Student identity. The id can be GUID or PID for the student. | No |
| name | Student name | Yes |

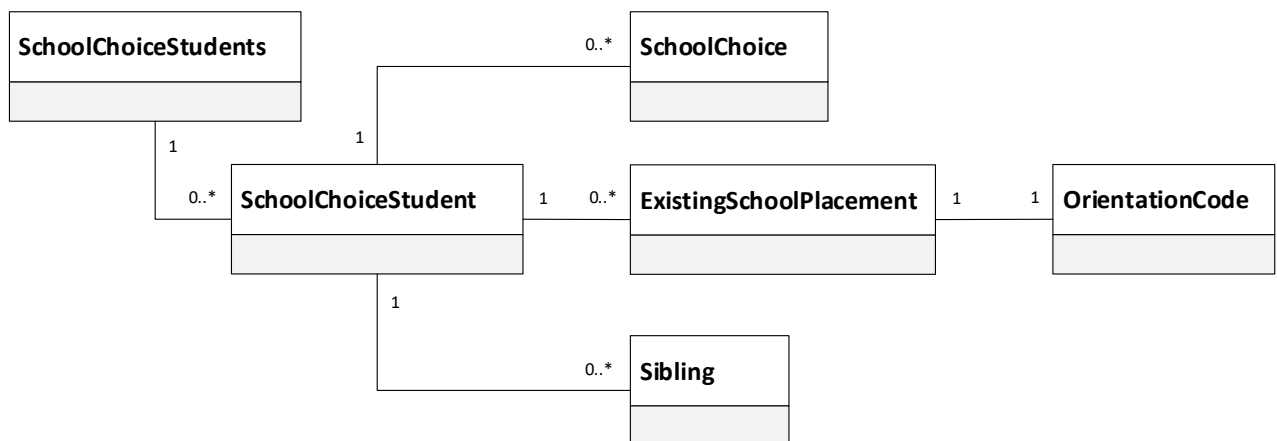
7 School choice

7.1 Description

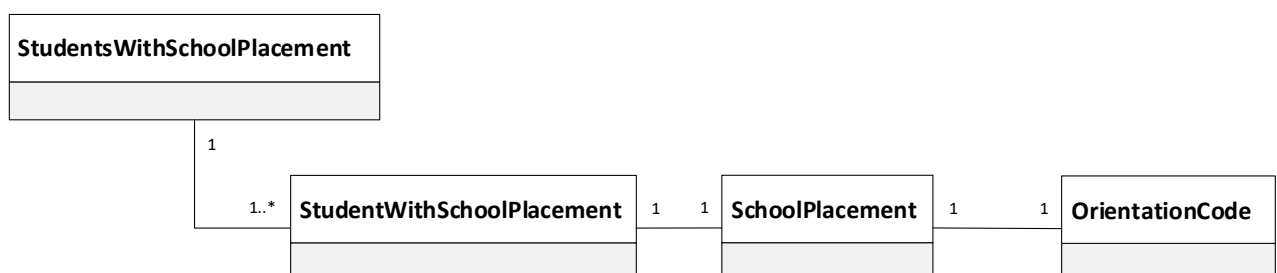
This chapter describes the school choice entities and their attributes.

7.2 Domain model

The export model of the school choice



The import model of the school choice



7.3 Entities

7.3.1 SchoolChoiceStudents

| Name | Description | Read-only |
|---------------------|----------------------------------|-----------|
| schoolchoicestudent | The students with school choices | Yes |

7.3.2 SchoolChoiceStudent

| Name | Description | Read-only |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| id | The unique identifier for student | Yes |
| personid | The student | Yes |
| name | Name of the student | Yes |
| status | Status of the school choice. It is an enumeration: Presumptive initial state for school choice SchoolChange initial state for school change Initiated student placed at a suggested school, still updateable through import Placed student updated with a suggested school, cannot be updated through import Unknown status indeterminated, cannot be acted upon | Yes |
| schoolyear | School year for the student | Yes |
| periodid | The unique identifier for period for actual search | Yes |
| changeofschool | Indicates if it is a school choice or school change request | Yes |
| dateforschoolchange | Indicates the date of requested school change | Yes |
| prioritized | Indicates if the | |
| designatedunit | Id of the school suggested for the student | Yes |
| schoolchoice | School choices for the student | Yes |
| schoolplacement | School placements for the student | Yes |
| sibling | Siblings for the student | Yes |

7.3.3 SchoolChoice

| Name | Description | Read-only |
|-----------------|-------------------------------------------|-----------|
| date | Indicates date when school choice is made | Yes |
| unitid | The unique identifier for school unit | Yes |
| orientationcode | Indicates the code for an orientation | Yes |
| priority | Indicates school choice priority | Yes |

7.3.4 ExistingSchoolPlacement

| Name | Description | Read-only |
|------|--------------------------|-----------|
| date | Indicates placement date | Yes |

| | | |
|-----------------|---------------------------------------|-----|
| unitid | The unique identifier for school unit | Yes |
| orientationcode | Indicates the code for an orientation | Yes |

7.3.5 Sibling

| Name | Description | Read-only |
|---------------------|-----------------------------------|-----------|
| guid | The unique identifier for sibling | Yes |
| schoolplacementunit | Indicates the placement unit | Yes |
| schoolyear | Indicates placement school year | Yes |

7.3.6 Orientation

| Name | Description | Read-only |
|------|---------------------------------------|-----------|
| code | Indicates the code for an orientation | Yes |
| name | Indicates name of an orientation | Yes |

7.3.7 StudentsWithSchoolPlacement

| Name | Description | Read-only |
|---------------------|-----------------------------------------|-----------|
| schoolchoicestudent | Student with suggested school placement | Yes |

7.3.8 StudentWithSchoolPlacement

| Name | Description | Read-only |
|-----------------|----------------------------------------|-----------|
| id | The unique identifier for student | Yes |
| personid | The student | Yes |
| name | Name of the student | Yes |
| schoolplacement | Suggested school placement for student | Yes |

7.3.9 SchoolPlacement

| Name | Description | Read-only |
|--------|---------------------------------------|-----------|
| unitid | The unique identifier for school unit | No |

| Name | Description | Read-only |
|-------------|-----------------------------------------------|-----------|
| date | Date on which placement is created | No |
| periodid | The unique identifier for period | Yes |
| schoolyear | Indicated year for which placement is created | Yes |
| source | Indicates the source of placement | No |
| orientation | Specialization provided by unit | No |

8 Services

All network services are based on HTTP REST technology and organized in school types to match each school structure. Import information using method HTTP POST and export information using method HTTP GET.

8.1 Study plan

The services below gives study plan for a specified student or study plans valid at a specified date. The output is XML information with the study plans.

Parameters – Alternative 1:

| Parameter | Mandatory | Description |
|-----------|-----------|--------------------------------------------------------------|
| Id | Yes | Student identity. The id can be GUID or PID for the student. |

Parameters – Alternative 2:

| Parameter | Mandatory | Description |
|------------|-----------|-----------------------------------------------------------------------------|
| SearchDate | No | The search date. Current date will be used if SearchDate is not specified.. |

Services:

| Service | Description |
|---------------------------------------------------------|------------------------------------------------------------------------------|
| GetUpperSecondarySchoolStudyPlan | Get study plan for upper secondary school student |
| GetUpperSecondarySchoolForLearningDisabilitiesStudyPlan | Get study plan for upper secondary school with learning disabilities student |
| GetSwedishForImmigrantsSchoolStudyPlan | Get study plan for Swedish for immigrants student |
| GetMunicipalAdultSchoolStudyPlan | Get study plan for municipal adult school student |
| GetAdultSchoolForLearningDisabilitiesStudyPlan | Get study plan for adult school with learning disabilities student |
| GetHigherVocationalEducationStudyPlan | Get study plan for higher vocational education student |

8.2 Subject plan

The services below gives subject plan for a specified student or subject plans valid at a specified date. The output is XML information with the subject plans.

Parameters – Alternative 1:

| Parameter | Mandatory | Description |
|-----------|-----------|--------------------------------------------------------------|
| Id | Yes | Student identity. The id can be GUID or PID for the student. |

Parameters – Alternative 2:

| Parameter | Mandatory | Description |
|------------|-----------|----------------------------------------------------------------------------|
| SearchDate | No | The search date. Current date will be used if SearchDate is not specified. |

Services:

| Service | Description |
|-------------------------------------------------------|---------------------------------------------------------------------------|
| GetCompulsorySchoolSubjectplan | Get subject plan for compulsory school student |
| GetCompulsorySchoolForLearningDisabilitiesSubjectplan | Get subject plan for compulsory school with learning disabilities student |

8.3 Program choice

The services below update or add program choices for students. The services take no parameters.

Services:

| Service | Description |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------|
| UpdateUpperSecondarySchoolProgramChoice | Update program choice for upper secondary school student |
| UpdateUpperSecondarySchoolForLearningDisabilitiesProgramChoice | Update program choice for upper secondary school with learning disabilities student |

8.4 Course choice

The services below update or add course choices for students. The services take no parameters.

Services:

| Service | Description |
|---------------------------------------------------------------|------------------------------------------------------------------------------------|
| UpdateUpperSecondarySchoolCourseChoice | Update course choice for upper secondary school student |
| UpdateUpperSecondarySchoolForLearningDisabilitiesCourseChoice | Update course choice for upper secondary school with learning disabilities student |

8.5 School choice

8.5.1 Export

The get service below gives school choices / school changes for students valid at the specified date. The output is XML information according to the XML schema for “schoolchoicestudents” in the Study Information API xsd.

Parameters:

| Parameter | Mandatory | Description |
|------------|-----------|-------------------------------------------------------------------------------------------------|
| SearchDate | Yes | A date within the period where to fetch students with school choices and school changes defined |

Services:

| Service | Description |
|-----------------------------------------|------------------------------------------------------------------------|
| GetCompulsorySchoolSchoolChoiceStudents | Fetch school choices and school changes for compulsory school students |

8.5.2 Import

The update service will update supplied students with information of the suggested school placements. The input takes XML information according to the XML schema for “schoolplacements” in the Study Information API xsd

Services:

| Service | Description |
|--------------------------------------------|----------------------------------------------------------------------------------|
| UpdateCompulsorySchoolSchoolChoiceStudents | Update the school placements for students with school choices and school changes |

9 Appendix

9.1 References

| Name | Address |
|------------------------------------------------|---------------------------------------------------------------------------------------|
| Study Information API XML schemas and examples | https://github.com/ExchangeServices |

9.2 Vocabulary

| Word | Description |
|------|----------------------------------------------|
| PID | Personal identity, formatted [YYYYMMDD-NNNN] |
| GUID | Global unique identifier |