

course-program (Programme des cours)

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Langues d'activité

Liste toutes les langues possibles pour toutes les activités

Route

GET /activities/languages

Résultats

```
[{"code": "DE", "label": "allemand"}, ...]
```

Pas de résultats

Le service retourne toujours la liste.

Année académique

Liste de toutes les années académiques

Route

GET /academical-years

Résultats

```
{ "_data": [{
  "creation": { "when": date, "who": name },
  "lastUpdate": { "when": date, "who": name },
  "entityId": "2019",
  "label": "Programme des cours 2019-2020",
  "current": true,
  "future": true,
  "resId": "2019",
  "_links" : {}
}, ...]
}
```

Pas de résultats

Le service retourne toujours la liste.

Détail d'une année académique

Route

GET /academical-years/{id}

Paramètres

Nom	Description	Obligatoire	Format
id	Identifiant de l'année académique	Oui	Entier

Résultats

Année académique

```
{ "creation": { "when": date, "who": name },
  "lastUpdate": { "when": date, "who": name },
  "entityId": "2019", "label": "Programme des cours 2019-2020",
  "current": true,
  "future": true,
  "resId": "2019",
  "_links" : {}
}
```

Pas de résultats

```
{
  "path": url,
  "status": "NOT_FOUND",
  "error": "No resource with id 946612",
  "message": "The requested element was not found",
  "timeStamp": "Thu Mar 19 09:47:13 CET 2020",
  "statusCode": 404
}
```

Recherche avancée

Route

GET /academical-years/search?search={spe}&size={size}&page={page}

ou

POST /academical-years/search

Paramètres

Nom	Description	Obligatoire	Format
spe	Cf advanced research doc	Oui	String
size	Taille de la page	Non	Entier
Page	Numéro de page	Non	Entier

Résultats

```
{
  "_data": [{
    "creation": { "when": date, "who": name },
    "lastUpdate": { "when": date, "who": name },
    "entityId": "2019",
    "label": "Programme des cours 2019-2020",
    "current": true,
    "future": true,
    "resId": "2019",
    "_links": { } }, ... ],
  "_page": { "currentPage": 0, "sizePage": 20, "totalPages": 1, "totalItems": 1 },
  "_links": { }
}
```

Pas de résultats

```
{
  "_data" : [],
  "_page": { "currentPage": 0, "sizePage": 20, "totalPages": 1, "totalItems": 1 },
  "_links": { }
}
```

Facultés

Liste de toutes les années académiques.

Route

GET /faculties

Résultats

```
{
  "_data": [{
    "creation": { "when": date, "who": name },
    "lastUpdate": { "when": date, "who": name },
    "entityId": "547",
    "startYear": "1996",
    "endYear": null,
    "code": "S",
    "label": "Faculté des sciences",
    "orderFlag": "A01",
    "academicalYear": null,
    "resId": "547"
    "_links" : {}
  }, ...]
}
```

Pas de résultats

Le service retourne toujours la liste.

Détail d'une faculté

Route

GET /faculties/{id}

Paramètres

Nom	Description	Obligatoire	Format
id	Identifiant de la faculté	Oui	Entier

Résultats

```
{
  "creation": { "when": date, "who": name },
  "lastUpdate": { "when": date, "who": name },
  "entityId": "547",
  "startYear": "1996",
  "endYear": null,
  "code": "S",
  "label": "Faculté des sciences",
  "orderFlag":
  "A01",
  "academicalYear": null,
  "resId": "547"
  "_links" : {}
}
```

Pas de résultats

```
{
  "path": url,
  "status": "NOT_FOUND",
  "error": "No resource with id 946612",
  "message": "The requested element was not found",
  "timeStamp": "Thu Mar 19 09:47:13 CET 2020",
  "statusCode": 404
}
```

Recherche avancée

Route

GET /faculties/search?search={spe}&size={size}&page={page}

ou

POST /faculties/search

Paramètres

Nom	Description	Obligatoire	Format
spe	Cf advanced research doc	Oui	String
size	Taille de la page	Non	Entier
Page	Numéro de page	Non	Entier

Résultats

```
{
  "_data": [{
    "creation": { "when": date, "who": name },
    "lastUpdate": { "when": date, "who": name },
    "entityId": "547",
    "startYear": "1996",
    "endYear": null,
    "code": "S",
    "label": "Faculté des sciences",
    "orderFlag": "A01",
    "academicalYear": null,
    "resId": "547"
    "_links": {}
  }, ...]
  "_page": { "currentPage": 0, "sizePage": 20, "totalPages": 1, "totalItems": 1 },
  "_links": {}
}
```

Pas de résultats

```
{
  "_data" : [],
  "_page": { "currentPage": 0, "sizePage": 20, "totalPages": 1, "totalItems": 1 },
  "_links": {}
}
```

Niveau d'étude

Liste de tous les niveaux d'étude.

Route

GET /study-levels

Résultats

```
{
  "_data": [
    {
      "creation": { "when": date, "who": name },
      "lastUpdate": { "when": date, "who": name },
      "entityId": "195",
      "startYear": "2006",
      "endYear": null,
      "level": "Bachelor",
      "editedLevel": "Baccalauréat universitaire",
      "sort": "10",
      "academicalYear": null,
      "resId": "195"
      "_links" : {}
    }, ...
  ]
}
```

Pas de résultats

Le service retourne toujours la liste.

Détail

Route

GET /study-levels/{id}

Paramètres

Nom	Description	Obligatoire	Format
id	Identifiant	Oui	Entier

Résultats

```
{
  "creation": { "when": date, "who": name },
  "lastUpdate": { "when": date, "who": name },
  "entityId": "195",
  "startYear": "2006",
  "endYear": null,
  "level": "Bachelor",
  "editedLevel": "Baccalauréat universitaire",
  "sort": "10",
  "academicalYear": null,
  "resId": "195"
  "_links" : {}
}
```

Pas de résultats

```
{
  "path":url,
  "status":"NOT_FOUND",
  "error":"No resource with id 946612",
  "message":"The requested element was not found",
  "timeStamp":"Thu Mar 19 09:47:13 CET 2020",
  "statusCode":404
}
```

Recherche avancée

Route

GET /study-levels/search?search={spe}&size={size}&page={page}

ou

POST /study-levels/search

Paramètres

Nom	Description	Obligatoire	Format
spe	Cf advanced research doc	Oui	String
size	Taille de la page	Non	Entier
Page	Numéro de page	Non	Entier

Résultats

```
{
  "_data": [
    {
      "creation": { "when": date, "who": name },
      "lastUpdate": { "when": date, "who": name },
      "entityId": "195",
      "startYear": "2006",
      "endYear": null,
      "level": "Bachelor",
      "editedLevel": "Baccalauréat universitaire",
      "sort": "10",
      "academicalYear": null,
      "resId": "195",
      "_links": {}
    }, ...
  ],
  "_page": { "currentPage": 0, "sizePage": 20, "totalPages": 1, "totalItems": 1 },
  "_links": {}
}
```

Pas de résultats

```
{
  "_data": [],
  "_page": { "currentPage": 0, "sizePage": 20, "totalPages": 1, "totalItems": 1 },
  "_links": {}
}
```

Plan d'étude

Liste de tous les plans d'étude.

Route

GET /study-plans

Résultats

```
{
  "_data": [
    {
      "creation": { "when": date, "who": name },
      "lastUpdate": { "when": date, "who": name },
      "entityId": "21141",
      "academicalYear": "2016",
      "formationCode": "16MATINFO",
      "formationId": 1282,
      "studyLevel": "Master",
      "studyLevelId": "196",
      "facultyId": "547",
      "facultyCode": "S",
      "fullFormationLabel": "Maîtrise universitaire en mathématiques et sciences informatiques",
      "formationLabel": "Maîtrise universitaire en mathématiques et sciences informatiques",
      "optionCode": null,
      "optionLabel": null,
      "label": " Maîtrise universitaire en mathématique et sciences informatiques",
      "studyPlanSortColumn": "221",
      "credits": 90,
      "departments": [
        {
          "creation": {},
          "entityId": "2016-503",
          "label": "Section de mathématiques",
          "sortColumn": "A01",
          "facultyId": "547",
          "academicalYear": "2016",
          "resId": "2016-503"
        }, ...],
      "searchTerm": null,
      "departmentId": null,
      "resId": "21141"
      "_links" : {}
    }, ...]
  }
}
```

Pas de résultats

Le service retourne toujours la liste.

Détail

Route

GET /study-plans/{id}

Paramètres

Nom	Description	Obligatoire	Format
id	Identifiant	Oui	Entier

Résultats

```
{
  "creation": {"when": date, "who": name},
  "lastUpdate": {"when": date, "who": name},
  "entityId": "21141",
  "academicalYear": "2016",
  "formationCode": "16MATINFO",
  "formationId": 1282,
  "studyLevel": "Master",
  "studyLevelId": "196",
  "facultyId": "547",
  "facultyCode": "S",
  "fullFormationLabel": "Maîtrise universitaire en mathématiques et sciences informatiques",
  "formationLabel": "Maîtrise universitaire en mathématiques et sciences informatiques",
  "optionCode": null,
  "optionLabel": null,
  "label": " Maîtrise universitaire en mathématique et sciences informatiques",
  "studyPlanSortColumn": "221",
  "credits": 90,
  "departments": [
    {
      "creation": {},
      "entityId": "2016-503",
      "label": "Section de mathématiques",
      "sortColumn": "A01",
      "facultyId": "547",
      "academicalYear": "2016",
      "resId": "2016-503"
    }, ...],
  "searchTerm": null,
  "departmentId": null,
  "resId": "21141"
  "_links" : {}
}
```

Pas de résultats

```
{
  "path": url,
  "status": "NOT_FOUND",
  "error": "No resource with id 946612",
  "message": "The requested element was not found",
  "timeStamp": "Thu Mar 19 09:47:13 CET 2020",
  "statusCode": 404
}
```

Recherche avancée

Route

GET /study-plans/search?search={spe}&size={size}&page={page}

ou

POST /study-plans/search

Paramètres

Nom	Description	Obligatoire	Format
-----	-------------	-------------	--------

spe	Cf advanced research doc	Oui	String
size	Taille de la page	Non	Entier
Page	Numéro de page	Non	Entier

Résultats

```
{
  "_data": [
    {
      "creation": { "when": date, "who": name },
      "lastUpdate": { "when": date, "who": name },
      "entityId": "21141",
      "academicalYear": "2016",
      "formationCode": "16MATINFO",
      "formationId": 1282,
      "studyLevel": "Master",
      "studyLevelId": "196",
      "facultyId": "547",
      "facultyCode": "S",
      "fullFormationLabel": "Maîtrise universitaire en mathématiques et sciences informatiques",
      "formationLabel": "Maîtrise universitaire en mathématiques et sciences informatiques",
      "optionCode": null,
      "optionLabel": null,
      "label": " Maîtrise universitaire en mathématique et sciences informatiques",
      "studyPlanSortColumn": "221",
      "credits": 90,
      "departments": [
        {
          "creation": { },
          "entityId": "2016-503",
          "label": "Section de mathématiques",
          "sortColumn": "A01",
          "facultyId": "547",
          "academicalYear": "2016",
          "resId": "2016-503"
        }, ... ],
      "searchTerm": null,
      "departmentId": null,
      "resId": "21141"
      "_links" : { }
    }, ... ]
  "_page": { "currentPage": 0, "sizePage": 20, "totalPages": 1, "totalItems": 1 },
  "_links": { }
}
```

Pas de résultats

```
{
  "_data" : [ ],
  "_page": { "currentPage": 0, "sizePage": 20, "totalPages": 1, "totalItems": 1 },
  "_links": { }
}
```

Département de plan d'étude

Liste de tous les départements de plan d'étude.

Route

GET /study-plan-departments

Résultats

```
{
  "_data": [
    {
      "creation": { "when": date, "who": name },
      "lastUpdate": { "when": date, "who": name },
      "entityId": "2008-880",
      "label": "Académie de droit international humanitaire",
      "sortColumn": "A08",
      "facultyId": "296",
      "academicalYear": "2008",
      "resId": "2008-880",
      "_links": {}
    }, ...
  ]
}
```

Pas de résultats

Le service retourne toujours la liste.

Détail

Route

GET /study-plan-departments/{id}

Paramètres

Nom	Description	Obligatoire	Format
id	Identifiant	Oui	Entier

Résultats

```
{
  "creation": { "when": date, "who": name },
  "lastUpdate": { "when": date, "who": name },
  "entityId": "2008-880",
  "label": "Académie de droit international humanitaire",
  "sortColumn": "A08",
  "facultyId": "296",
  "academicalYear": "2008",
  "resId": "2008-880",
  "_links": {}
}
```

Pas de résultats

```
{
  "path": url,
  "status": "NOT_FOUND",
  "error": "No resource with id 946612",
  "message": "The requested element was not found",
  "timestamp": "Thu Mar 19 09:47:13 CET 2020",
  "statusCode": 404
}
```

Recherche avancée

Route

GET /study-plans/search?search={spe}&size={size}&page={page}

ou

POST /study-plans/search

Paramètres

Nom	Description	Obligatoire	Format
spe	Cf advanced research doc	Oui	String
size	Taille de la page	Non	Entier
Page	Numéro de page	Non	Entier

Résultats

```
{
  "_data": [
    {
      "creation": { "when": date, "who": name },
      "lastUpdate": { "when": date, "who": name },
      "entityId": "2008-880",
      "label": "Académie de droit international humanitaire",
      "sortColumn": "A08",
      "facultyId": "296",
      "academicalYear": "2008",
      "resId": "2008-880",
      "_links": {}
    }, ...
  ],
  "_page": { "currentPage": 0, "sizePage": 20, "totalPages": 1, "totalItems": 1 },
  "_links": {}
}
```

Pas de résultats

```
{
  "_data" : [],
  "_page": { "currentPage": 0, "sizePage": 20, "totalPages": 1, "totalItems": 1 },
  "_links": {}
}
```

Enseignants

Liste de tous les enseignants.

Route

GET /teachers

Résultats

```
{
  "_data": [
    {
```

```
{
  "creation": {"when": "date", "who": "name"},
  "lastUpdate": {"when": "date", "who": "name"},
  "entityId": "2018-760464",
  "academicalYear": "2018",
  "personId": "760464",
  "publicId": "ABADIE Philippe",
  "resId": "2018-760464"
  "_links" : {}
}, ...]
```

Pas de résultats

Le service retourne toujours la liste.

Détail

Route

GET /teachers/{id}

Paramètres

Nom	Description	Obligatoire	Format
id	Identifiant	Oui	Entier

Résultats

```
{
  "creation": {"when": "date", "who": "name"},
  "lastUpdate": {"when": "date", "who": "name"},
  "entityId": "2018-760464",
  "academicalYear": "2018",
  "personId": "760464",
  "publicId": "ABADIE Philippe",
  "resId": "2018-760464"
  "_links" : {}
}
```

Pas de résultats

```
{
  "path": "url",
  "status": "NOT_FOUND",
  "error": "No resource with id 946612",
  "message": "The requested element was not found",
  "timeStamp": "Thu Mar 19 09:47:13 CET 2020",
  "statusCode": 404
}
```

Recherche avancée

Route

GET /teachers/search?search={spe}&size={size}&page={page}

ou

POST /teachers/search

Paramètres

Nom	Description	Obligatoire	Format
spe	Cf advanced research doc	Oui	String
size	Taille de la page	Non	Entier
Page	Numéro de page	Non	Entier

Résultats

```
{
  "_data": [
    {
      "creation": { "when": date, "who": name },
      "lastUpdate": { "when": date, "who": name },
      "entityId": "2018-760464",
      "academicalYear": "2018",
      "personId": "760464",
      "publicId": "ABADIE Philippe",
      "resId": "2018-760464"
      "_links": {}
    }, ... ]
  "_page": { "currentPage": 0, "sizePage": 20, "totalPages": 1, "totalItems": 1 },
  "_links": {}
}
```

Pas de résultats

```
{
  "_data" : [],
  "_page": { "currentPage": 0, "sizePage": 20, "totalPages": 1, "totalItems": 1 },
  "_links": {}
}
```

Enseignements

Recherche des enseignements.

Route

GET /teachings/find

Résultats

```
{
  "_data": [
    {
      "creation": { "when": date, "who": name },
      "lastUpdate": { "when": date, "who": name },
      "entityId": "21141",
      "academicalYear": "2016",
      "formationCode": "16MATINFO",
      "formationId": 1282,
      "studyLevel": "Master",
      "studyLevelId": "196",
      "facultyId": "547",
    }
  ]
}
```

```
{
  "facultyCode": "S",
  "fullFormationLabel": "Maîtrise universitaire en mathématiques et sciences informatiques",
  "formationLabel": "Maîtrise universitaire en mathématiques et sciences informatiques",
  "optionCode": null,
  "optionLabel": null,
  "label": " Maîtrise universitaire en mathématique et sciences informatiques",
  "studyPlanSortColumn": "221",
  "credits": 90,
  "departments": [
    {
      "creation": {},
      "entityId": "2016-503",
      "label": "Section de mathématiques",
      "sortColumn": "A01",
      "facultyId": "547",
      "academicalYear": "2016",
      "resId": "2016-503"
    }, ...],
  "searchTerm": null,
  "departmentId": null,
  "resId": "21141"
  "_links" : {}
},...]
}
```

Pas de résultats

Le service retourne toujours la liste.

Détail

Route

GET /teachings/{id}

Paramètres

Nom	Description	Obligatoire	Format
id	Identifiant	Oui	Entier

Résultats

```
{
  "creation": {"when": date, "who": name},
  "lastUpdate": {"when": date, "who": name},
  "entityId": "21141",
  "academicalYear": "2016",
  "formationCode": "16MATINFO",
  "formationId": 1282,
  "studyLevel": "Master",
  "studyLevelId": "196",
  "facultyId": "547",
  "facultyCode": "S",
  "fullFormationLabel": "Maîtrise universitaire en mathématiques et sciences informatiques",
  "formationLabel": "Maîtrise universitaire en mathématiques et sciences informatiques",
  "optionCode": null,
  "optionLabel": null,
  "label": " Maîtrise universitaire en mathématique et sciences informatiques",
  "studyPlanSortColumn": "221",
  "credits": 90,
  "departments": [
    {
```

```
        "creation": {},
        "entityId": "2016-503",
        "label": "Section de mathématiques",
        "sortColumn": "A01",
        "facultyId": "547",
        "academicalYear": "2016",
        "resId": "2016-503"
    }, ...],
    "searchTerm": null,
    "departmentId": null,
    "resId": "21141"
    "_links" : {}
}
```

Pas de résultats

```
{
  "path": url,
  "status": "NOT_FOUND",
  "error": "No resource with id 946612",
  "message": "The requested element was not found",
  "timeStamp": "Thu Mar 19 09:47:13 CET 2020",
  "statusCode": 404
}
```

Recherche avancée

Route

GET /teachings/search?search={spe}&size={size}&page={page}

ou

POST /teachings/search

Paramètres

Nom	Description	Obligatoire	Format
spe	Cf advanced research doc	Oui	String
size	Taille de la page	Non	Entier
Page	Numéro de page	Non	Entier

Résultats

```
{
  "_data": [
    {
      "creation": { "when": date, "who": name },
      "lastUpdate": { "when": date, "who": name },
      "entityId": "21141",
      "academicalYear": "2016",
      "formationCode": "16MATINFO",
      "formationId": 1282,
      "studyLevel": "Master",
      "studyLevelId": "196",
      "facultyId": "547",
      "facultyCode": "S",
      "fullFormationLabel": "Maîtrise universitaire en mathématiques et sciences informatiques",
      "formationLabel": "Maîtrise universitaire en mathématiques et sciences informatiques",
      "optionCode": null,
      "optionLabel": null,
    }
  ]
}
```



```

    "label": "Maîtrise universitaire en mathématique et sciences informatiques",
    "studyPlanSortColumn": "221",
    "credits": 90,
    "departments": [
      {
        "creation": {},
        "entityId": "2016-503",
        "label": "Section de mathématiques",
        "sortColumn": "A01",
        "facultyId": "547",
        "academicalYear": "2016",
        "resId": "2016-503"
      }, ...],
    "searchTerm": null,
    "departmentId": null,
    "resId": "21141",
    "_links": {}
  }, ...]
  "_page": { "currentPage": 0, "sizePage": 20, "totalPages": 1, "totalItems": 1 },
  "_links": {}
}

```

Pas de résultats

```

{
  "_data": [],
  "_page": { "currentPage": 0, "sizePage": 20, "totalPages": 1, "totalItems": 1 },
  "_links": {}
}

```

Département d'enseignement

Liste de tous les départements d'enseignement.

Route

GET /teaching-departments

Résultats

```

{
  "_data": [
    {
      "creation": { "when": date, "who": name },
      "lastUpdate": { "when": date, "who": name },
      "entityId": "200810103",
      "label": "Section de mathématiques",
      "code": "NMATH",
      "facultyId": "547",
      "structureId": "10103",
      "academicalYear": "2008",
      "resId": "200810103",
      "_links": {}
    }, ...]
}

```

Pas de résultats

Le service retourne toujours la liste.

Détail

Route

GET /teaching-departments/{id}

Paramètres

Nom	Description	Obligatoire	Format
id	Identifiant	Oui	Entier

Résultats

```
{
  "creation": {"when": date, "who": name},
  "lastUpdate": {"when": date, "who": name},
  "entityId": "200810103",
  "label": "Section de mathématiques",
  "code": "NMATH",
  "facultyId": "547",
  "structureId": "10103",
  "academicalYear": "2008",
  "resId": "200810103"
  "_links" : {}
}
```

Pas de résultats

```
{
  "path": url,
  "status": "NOT_FOUND",
  "error": "No resource with id 946612",
  "message": "The requested element was not found",
  "timeStamp": "Thu Mar 19 09:47:13 CET 2020",
  "statusCode": 404
}
```

Recherche avancée

Route

GET /teaching-departments/search?search={spe}&size={size}&page={page}

ou

POST /teaching-departments/search

Paramètres

Nom	Description	Obligatoire	Format
spe	Cf advanced research doc	Oui	String
size	Taille de la page	Non	Entier
Page	Numéro de page	Non	Entier

Résultats

```
{
  "_data": [
    {
      "creation": { "when": date, "who": name },
      "lastUpdate": { "when": date, "who": name },
      "entityId": "200810103",
      "label": "Section de mathématiques",
      "code": "NMATH",
      "facultyId": "547",
      "structureId": "10103",
      "academicalYear": "2008",
      "resId": "200810103"
    },
    { "_links": {} }
  ],
  "_page": { "currentPage": 0, "sizePage": 20, "totalPages": 1, "totalItems": 1 },
  "_links": {}
}
```

Pas de résultats

```
{
  "_data" : [],
  "_page": { "currentPage": 0, "sizePage": 20, "totalPages": 1, "totalItems": 1 },
  "_links": {}
}
```

Noeud de plan d'étude

Détail d'un noeud de plan d'étude avec la liste de ses enfant et des enseignements associés.

Route

GET /study-plan-nodes/{id}

Paramètres

Nom	Description	Obligatoire	Format
id	Identifiant	Oui	Entier

Résultats

```
{
  "_data": [
    {
      "creation": { "when": date, "who": name },
      "lastUpdate": { "when": date, "who": name },
      "entityId": "21141",
      "label": " Maîtrise universitaire en mathématique et sciences informatiques",
      "secondLabel": null,
      "optionalText": null,
      "academicalYear": "2016",
      "planOrder": "221",
      "structureId": "547",
      "children": [],
      "listTeaching": [],
      "principal" : false,
      "resId": "21141"
    }
  ]
}
```

```
      "_links" : {}  
    }, ...]  
  }
```