|  |  |  |  |
| --- | --- | --- | --- |
| Integration | **Example of API request (including userid, query parameters, path parameters)** | API/Service  Authentication | Test user with data  Username + Password |
| My Advisor | advisors <https://xedocs.ellucian.com/xe-banner-api/erp_apis/student/advising/advising_advisors.html?highlight=advisors>  api.test.cofc.edu/StudentApi/api/advisors  response:  [  {  "bannerId": "The identification number used to access a person",  "confidential": "Identifies whether this person information is confidential",  "firstName": "Advisor's first name",  "fullName": "Advisor's full name",  "lastName": "Advisor's last name",  "middleInitial": "Advisor's middle name",  "surnamePrefix": "The surname prefix used for the advisor"  },  record 2  record 3  ......  record n  ]  persons <https://xedocs.ellucian.com/xe-banner-api/ethos_apis/foundation/persons/persons_get_v12.1.0.html?highlight=persons>  api.test.cofc.edu/IntegrationApi/api/persons  response:  [  {  "addresses": [  {  "address": {  "id": "address id"  },  "type": {  "addressType": "home",  "detail": {  "id": "address type id"  }  }  }  ],  "citizenshipStatus": {  "category": "citizen",  "detail": {  "id": "citizenship status id"  }  },  "credentials": [  {  "type": "bannerSourcedId",  "value": "banner sourced id"  },  {  "type": "bannerUdcId",  "value": "banner udc id"  },  {  "type": "bannerId",  "value": "banner id / cwid "  }  ],  "gender": "gender value",  "id": "IMPORTANT, GLOBAL ID OF PERSON, KEY IN EXTRACTING USEFUL INFO ABOUT PERSON EG CONTACT INFO",  "names": [  {  "firstName": "first name",  "fullName": "full name",  "lastName": "last name",  "preference": "preferred",  "type": {  "category": "personal"  }  },  {  "fullName": “last name comma first name",  "type": {  "category": "legal"  }  }  ],  "phones": [  {  "number": "phone number",  "type": {  "detail": {  "id": "phone number type id "  },  "phoneType": "home"  }  }  ],  "privacyStatus": {  "privacyCategory": "unrestricted"  }  },  ….  ]  student advisor relationships: <https://xedocs.ellucian.com/xe-banner-api/ethos_apis/student/student_advisor_relationships/student_advisor_relationships_get_v10.html?highlight=student%20advisor%20relationships>  api.test.cofc.edu/StudentApi/api/student-advisor-relationships  response  {  "id" : "The global identifier of the student advisor relationship.",  "advisor" :  {  "id" : "The global identifier for the Advisor."  },  "student" :  {  "id" : "The global identifier for the Student."  },  "advisorType" :  {  "id" : "The global identifier for the Advisor Type."  },  "program" :  {  "id" : "The global identifier for the Program."  },  "startOn" : "The date when the student was first assigned to the advisor.",  "endOn" : "The last date when the student was associated with the advisor.",  "assignedPriority" : "The prioritization (e.g. primary) of the advisor as the source of guidance for the student.",  "startAcademicPeriod" :  {  "id" : "The global identifier for the Start Academic Period."  }  }  **Using student banner ID/CWID, hit persons filtering by that banner ID to get global person ID for student, then student advisor relationships filtering by student global person id, then for each related advisor global ID, hit /advisors/<advisorGlobalId> to get contact info** | username: campusm\_api\_user | name: Ellie Test username: [etest@g.cofc.edu](mailto:etest@g.cofc.edu) |
| Laundry | Laundry APIs:  <https://www.laundryview.com/api/c_room?cui=1&loc=205&rdm=1650978932605>  Lists the locations  <https://www.laundryview.com/api/currentRoomData?school_desc_key=205&location=184449&rdm=1650978889093>  Lists the availability at the location specified (the above is one example) | N/A | name: Ellie Test username: [etest@g.cofc.edu](mailto:etest@g.cofc.edu) |
| Financial Aid | <https://xedocs.ellucian.com/xe-banner-api/ethos_apis/finaid/restricted-student-financial-aid-awards/restricted-student-financial-aid-awards_list_v7.html>  api.test.cofc.edu/StudentApi/api/restricted-student-financial-aid-awards,  response:  [  {  "id": "The global identifier of the student-financial-aid-awards.",  "student": {  "id": "The global identifier for the Student."  },  "awardFund": {  "id": "The global identifier for the Award Fund."  },  "aidYear": {  "id": "The global identifier for the Aid Year."  },  "originallyOfferedOn": "Date of the first offer",  "awardsByPeriod": [{  "awardPeriod": {  "id": "The global identifier for the Award Period."  },  "academicPeriods": [{  "id": "The global identifier for the Academic Periods."  }  record 2,  record 3,  ....  ....  record n  ],  "status": {  "state": "The state of the award.",  "stateOn": "Effective date of the state."  },  "amounts": {  "originalOffered": {  "value": "The monetary value",  "currency": "The ISO 4217 currency code"  },  "offered": {  "value": "The monetary value",  "currency": "The ISO 4217 currency code"  },  "accepted": {  "value": "The monetary value",  "currency": "The ISO 4217 currency code"  },  "declined": {  "value": "The monetary value",  "currency": "The ISO 4217 currency code"  },  "rejected": {  "value": "The monetary value",  "currency": "The ISO 4217 currency code"  }  },  },  record 2,  record 3,  ....  ....  record n  ]  }  ]  Get global id of student from /persons by filtering persons on banner ID/CWID; then use global ID to filter above endpoint | username: campusm\_api\_user | name: Ellie Test username: [etest@g.cofc.edu](mailto:etest@g.cofc.edu) |
| Dining Dollars | Transact endpoint / CofC API endpoint is not built to surface this information. After additional conversation/consideration, including this would introduce a dependency on multiple internal moving parts that we probably should avoid. | username: campusm\_api\_user | name: Ellie Test username: [etest@g.cofc.edu](mailto:etest@g.cofc.edu) |

**Access request for campusm\_api\_user to these endpoints/resources has been submitted, should have access within 1-3 days.**

**Here is an example of an API that we use for Timetable:**

https://<hostName>:<portNumber>/StudentApi/api/students/<BANNER\_ID>/class-schedules?term=<term>

Banner ID - username or an attribute from the token

Term - a term code according to the dates range given in the request from the Application

**API Configuration Details:**

The URL from which we will retrieve the information from will have the following format:

<https://myDomain.com/serviceName/pathParameterName>

Its Components are:

> Domain Name - Domain Full Name

> Service Name - some sort of the customer PI's API URL

> pathParameterName - a variable that will be replaced by the user's data

URL Path Parameters configuration's components:

> Parameter Name - insert the name itself (same as above in the URL)

> Parameter Type - Username / Token Property / Constant (Drop-Down)

> Token Property Name (Optional) - if TOKEN was chosen above, you should insert its name here, e.g. "USERNAME"

> Constant Value (Optional) - if CONSTANT was chosen above, you should insert its name here, e.g. "XYZ"