

Building a Web-Based Dynamic Registration System for a College/University

(User Manual)

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[7.7.4.1 Input:](#)

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1. Introduction

1.1 Overview

The created system functions as a web based dynamic registration system for the University: Aleutian Islands University. There are five user types: Student, Faculty, Primary Administrator, Secondary Administrator, and Researcher. Each user is able to log in and access their unique account. The level of access a user has differs across user types. The individual goals and purpose of the system differs across user types. This user manual is meant to inform each user type how to successfully navigate through their designated system pages and components. There is a collection of components that are universally accessible regardless of user type. These components can be accessed from the home page before logging in. The level of user access is apparent upon user login. There are certain restrictions upon an account that are specific to that user. The URL <https://www.owsysdb.com/> is used to connect to the website.

1.2 User Access Considerations

Though there are five defined user types, for navigation purposes we have provided a “Visitor” use case. Continue reading to learn more about what a visitor can and cannot access.

Though a specific user may not be able to view certain information - it is important to note: if a user makes a change on their specific account, these changes may also be reflected on other user’s accounts depending on the permissions they are assigned.

A user cannot change their user type nor can a user with higher access give another user specific permissions.

2. Visitor

The Visitor is not a defined user type, though when any user - defined or not - accesses the home page they are inherently a Visitor. If the Visitor is not a defined user type, they cannot login and have no account page. The Visitor’s purpose when accessing the website is to view general information about the school and its available properties. A visitor is suspected to be a prospective student or faculty inquiring upon the University for relevant information.

2.1.1 Home Page

The first viewable page upon accessing the website is the home page. From the Home Page, the Visitor can access: the Academics page, the About page, and the Login Page.

2.1.2 View Home Page

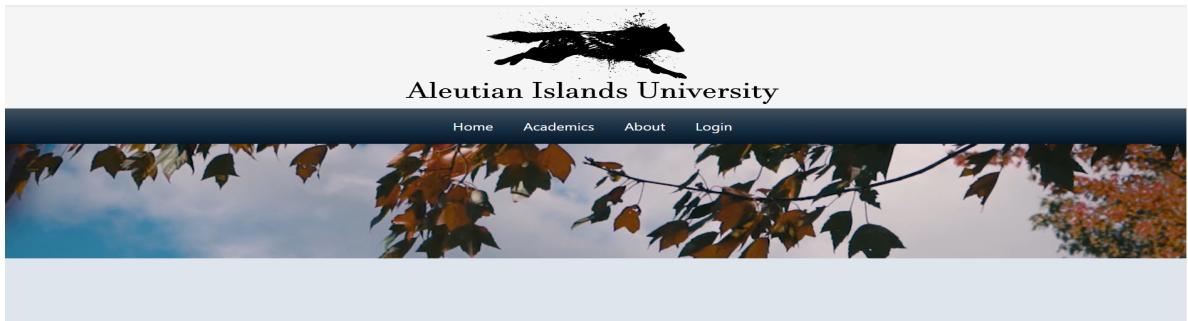


Figure 2.0 Home Page View

2.1.2.1 Input: N/A

2.1.2.2 Output: N/A

2.1.2.3 Exceptions: N/A

2.2.1 Academics Page

The Academics Page includes the Course Catalog. The Course Catalog is divided into three subcategories: Programs, Courses, and Departments.

2.2.2 View Academics Page:

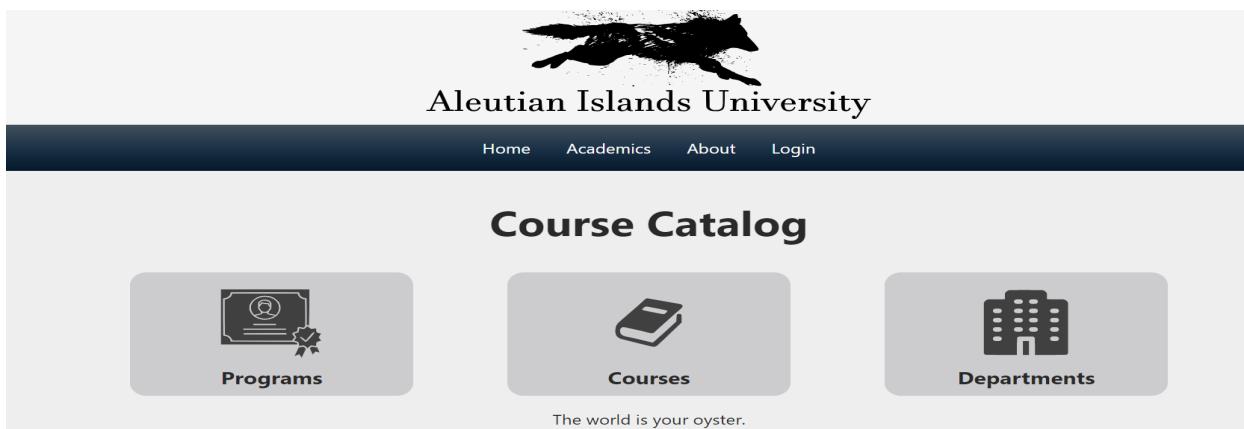


Figure 2.01 Academics/Course Catalog View

- 2.2.2.1 **Input:** Click “Academics” button on the navigation bar
- 2.2.2.2 **Output:** View Academics page
- 2.2.2.3 **Exceptions:** N/A

2.3.1 Course Catalog - Programs

The Course Catalog includes a subpage “Programs”. The Programs are searchable by Program Type, School, and Department.

2.3.2 View Programs:

View a list of all Programs offered by the school, categorized by Program Type

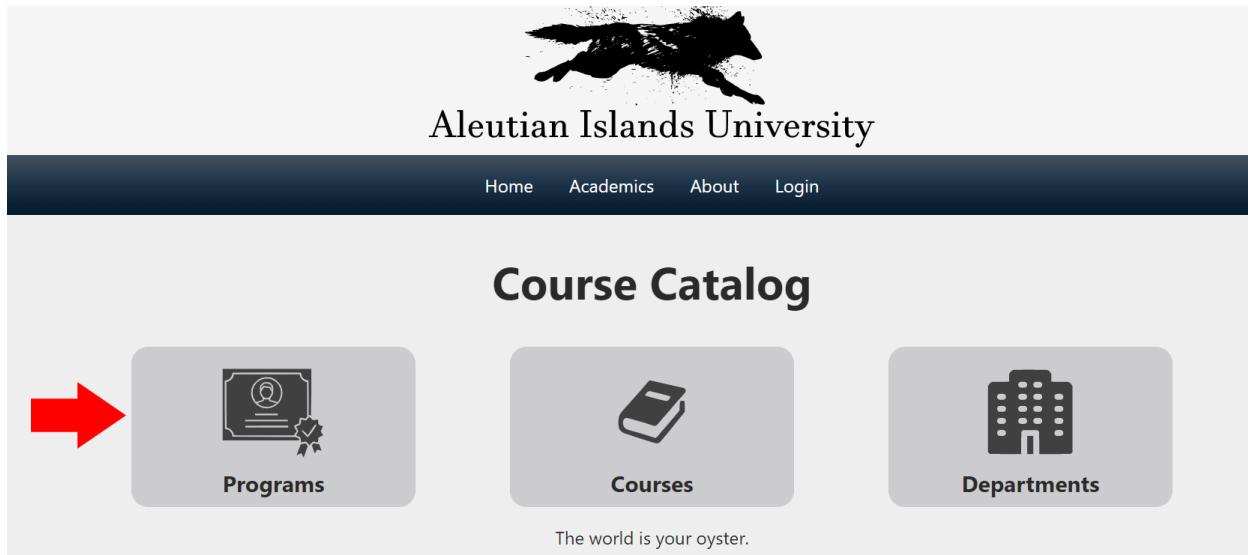


Figure 2.02 Select Course Catalog Program

2.3.2.1 Input:

- Click “Programs” button on Course Catalog

2.3.2.2 Output:

- View Searchable Programs Catalog

This screenshot shows a search interface for programs. At the top are three dropdown menus: "Program Type" (set to "-Any-"), "School" (set to "-Any-"), and "Department" (set to "-Any-"). To the right of these is an "Apply" button. Below this is a section titled "Bachelor of Arts" containing a list of programs with right-pointing arrows: American Studies, B.A.; English: World Literature, B.A.; History: Social Studies, B.A.; Industrial and Labor Relations, B.A.; Media and Communications, B.A.; Philosophy and Religion, B.A.; Politics, Economics and Law, B.A.; and Psychology, B.A.

Figure 7.03 Searchable Program Course Catalog

2.3.2.3 Exceptions: N/A

2.3.3 Search Programs by Program Type:

Each Program has a Program Type. The user can search for a Program by its Program Type. Programs are searchable by preset values in a drop down menu.

2.3.3.1 Input:

- Select “Program Type” drop down
- Select a Program Type
- Select “Apply” button

The screenshot shows a search interface with three dropdown menus at the top: "Program Type" (set to "Bachelor of Science"), "School" (set to "-Any-"), and "Department" (set to "-Any-"). Below these is an "Apply" button. The main area displays a list of programs under the heading "Bachelor of Arts". Each program entry consists of a title and a right-pointing arrow icon. The "Bachelor of Science" dropdown menu is open, showing options like "Bachelor of Arts", "Bachelor of Science" (which is selected and highlighted in blue), "Doctor of Philosophy", "Master of Arts", "Master of Arts in Teaching", "Master of Science", and "Minor".

Program Type	School	Department
-Any-	-Any-	-Any-
-Any-	-Any-	-Any-
Bachelor of Arts		
Bachelor of Science		
Doctor of Philosophy		
Master of Arts		
Master of Arts in Teaching		
Master of Science		
Minor		

Bachelor of Arts

America ➤

English: World Literature, B.A. ➤

History: Social Studies, B.A. ➤

Industrial and Labor Relations, B.A. ➤

Media and Communications, B.A. ➤

Philosophy and Religion, B.A. ➤

Politics, Economics and Law, B.A. ➤

Psychology, B.A. ➤

Figure 2.04 Drop down on Program Type, Select “Bachelor of Science”

2.3.3.2 Output:

- View Programs of selected Program Type

Program Type	School	Department	
Bachelor of Science	-Any-	-Any-	<input type="button" value="Apply"/>
Bachelor of Science			
Accounting, B.S. >			
Adolescence Education: Biology, B.S. >			
Adolescence Education: Chemistry, B.S. >			
Adolescence Education: Mathematics, B.S. >			
Biochemistry, B.S. >			
Biological Sciences, B.S. >			
Business Administration, B.S. >			
Chemistry, B.S. >			
Computer and Information Science, B.S. >			
Criminology, B.S. >			
Health & Society, B.S. >			
Marketing, B.S. >			

Figure 2.05 View Bachelor of Science Programs

2.3.3.3 Exceptions: N/A

2.3.5 Search Programs by School

Each Program belongs to a School. The user can search for a Program by its School. Programs are searchable by preset values in a drop down menu.

2.3.5.1 Input:

- Select “School” drop down
- Select a School
- Select “Apply” button

Program Type	School	Department	
-Any-	-Any-	-Any-	<input type="button" value="Apply"/>
Bachelor of Arts			
American Studies, B.A. >			
English: World Literature, B.A. >			
History: Social Studies, B.A. >			

Figure 2.06 Drop down “School”, Select “Business”

2.3.5.2 Output:

- View Programs of selected School

Bachelor of Science

- Accounting, B.S. ➤
- Business Administration, B.S. ➤
- Marketing, B.S. ➤

Master of Science

- Forensic Accounting, M.S. ➤

Minor

- Digital Design Marketing, Minor ➤
- General Business, Minor ➤
- Marketing, Minor ➤

Figure 2.07 View School of Business Programs

2.3.5.3 Exceptions: N/A

2.3.6 Search Programs by Department

Each Program belongs to a Department. The user can search for a Program by its Department. Programs are searchable by preset values in a drop down menu.

2.3.6.1 Input:

- Select “Department” drop down
- Select a Department
- Select “Apply” button

Bachelor of Arts

- American Studies, B.A. ➤
- English: World Literature, B.A. ➤

Department

- Any-
- Any-
- Accounting, Taxation & Business Law
- Adolescence Education**
- American Studies
- Biological Sciences
- Biological Sciences
- Chemistry & Physics
- Childhood Education & Literacy
- English
- English
- Exceptional Education & Learning

Figure 2.08 Drop down “Department”, select “Adolescence Education”

2.3.6.2 Output:

- View Programs of selected Department

The screenshot shows a search interface with three dropdown menus: 'Program Type' (set to '-Any-'), 'School' (set to '-Any-'), and 'Department' (set to 'Adolescence Education'). A 'Apply' button is to the right of the department dropdown. Below the search area, there are two sections: 'Bachelor of Science' and 'Master of Arts in Teaching'. Under 'Bachelor of Science', there are three items: 'Adolescence Education: Biology, B.S.', 'Adolescence Education: Chemistry, B.S.', and 'Adolescence Education: Mathematics, B.S.'. Under 'Master of Arts in Teaching', there are three items: 'Adolescence Education: Biology, M.A.T.', 'Adolescence Education: English, M.A.T.', and 'Adolescence Education: Mathematics, M.A.T.'. Each item has a right-pointing arrow icon to its right.

Figure 2.09 View Department of Adolescence Education

2.3.6.3 **Exceptions:** N/A

2.3.7 View Program

Each Program contains relevant details including: Description, Total Credits Required, Department, School, and Degree Course Requirements.

2.3.4.1 **Input:** Click on a Program

The screenshot shows a search interface with three dropdown menus: 'Program Type' (set to '-Any-'), 'School' (set to '-Any-'), and 'Department' (set to 'Adolescence Education'). A 'Apply' button is to the right of the department dropdown. Below the search area, there is one section: 'Bachelor of Science'. Under 'Bachelor of Science', there are six items: 'Accounting, B.S.' (highlighted with a dark grey background), 'Adolescence Education: Biology, B.S.', 'Adolescence Education: Chemistry, B.S.', 'Adolescence Education: Mathematics, B.S.', 'Biochemistry, B.S.', and 'Biological Sciences, B.S.'. Each item has a right-pointing arrow icon to its right.

Figure 2.1 Select Accounting B.S

2.3.4.2 **Output:**

- View selected Program details

[< Go Back to Search Programs](#)

Accounting, (B.S.)

Graduates with an accounting degree will competitively qualify for positions in public accounting, private accounting, government and not-for-profit organizations.

Total Credits: 88

Departments

Accounting, Taxation & Business Law

Schools

Business

Liberal Arts

Minimum Credits: 18

Courses

- BU3071 (4cr)
- BU3905 (2cr)
- MA2300 (4cr)
- PE2420 (4cr)
- PE2430 (4cr)

Business

Minimum Credits: 30

Figure 2.11 Selected Program “Account B.S” details

2.3.4.3 **Exceptions:** N/A

2.4.1 Course Catalog - Courses

The Course Catalog includes a subpage “Courses”. The Courses are initially listed Alphabetically and Numerically by CourseID.

2.4.2 View Courses

View a list of all Courses offered by the school. All courses are divided into multiple pages, made easier for the user to navigate.

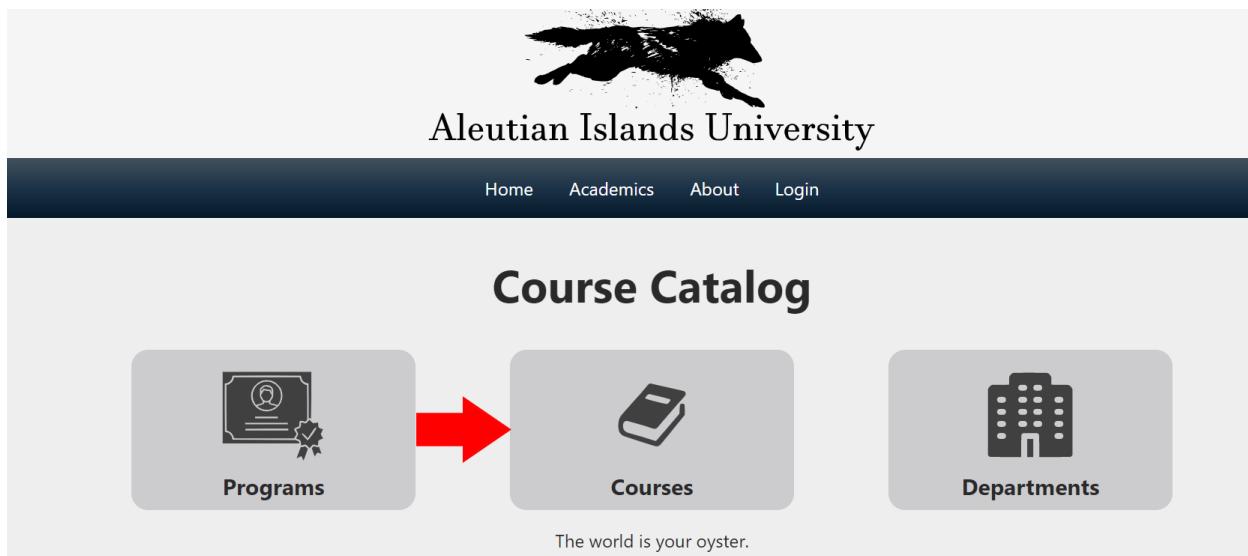


Figure 2.12 Select Course Catalog Courses

2.4.2.1 Input:

- Click “Courses” button in Course Catalog

2.4.2.2 Output:

- View Searchable Course Catalog

Course Search					
Rows per page:	10	91–100 of 1079	<	>	<input type="text"/> <input type="button" value="Search"/>
	Course ID	Name	Credits	Department	Description
View	AS5725	Senior Media Portfolio	4	American Studies	In this capstone production course, students create an online media portfolio in their chosen medium. Throughout the term, work samples are developed and improved through individualized study and regular critique. Typically
View	AS5800	Research in American History and	4	American Studies	In this course, students will learn how to do historical research including use of primary documents, archival research, quantitative methods and oral history. Using these techniques, students will then write a research paper. Offered
View	AS5862	The Journalist as Creative	4	American Studies	Many American journalists have written fiction and creative nonfiction. This course examines both types of writing and studies, for example, the works of Mark Twain, Ernest Hemingway, Joan Didion, Alex Haley, and Hunter
View	AS6310	Atlantic Slavery and Folklore	3	American Studies	This course will trace the history of the Atlantic Slave trade and the ensuing political and folkloric developments that emerged in the United States, Latin America and the Caribbean. Lending sustained attention to slave communities
View	AS6320	American Cities in the 20th Century	3	American Studies	This readings course will give graduate students an overview of both the history and the historiography of 20th century U.S. cities. The course begins with the living conditions and social world of immigrants in the early 20th
View	AS6330	Visualizing America	3	American Studies	This course examines the visual production of U.S. artists and photographers, ranging from the majesty of Hudson River school canvases to Andy Warhol's gib, late twentieth-century soup cans. The course identifies and traces central
View	AS6340	New Media Narratives	3	American Studies	The course explores new media storytelling and the sociopolitical implications of interactive and participatory narratives and examines a wide range of new media forms including: online journalism, interactive cinema, database
View	AS6350	Ethnographic Media	3	American Studies	This seminar and production class explores ethnographic media as a tool for scientific exploration, cultural definition, and artistic expression. Through weekly readings, screenings and class discussions, we will address various
View	AS6360	Special Topics	3	American Studies	This course is offered on an occasional basis by Old Westbury or visiting faculty members. Topics vary depending on faculty expertise. See specific semesters for more information.

Figure 2.13 Searchable Course Catalog

2.4.2.3 Exceptions: N/A

2.4.3 Search Course by CourseID

Every course has an identifying CourseID that can be searched within the search bar. Searching by CourseID results in displaying associated information of the columns displayed in the table.

2.4.3.1 Input:

- Enter CourseID in the Search Bar
- Click “Search” button

Course Search					
Course ID		Name	Credits	Department	Description
View	AS1152	Themes in U.S. History	4	American Studies	The course is an introduction to major issues in the history of the United States, from colonial times to the twentieth century. Topics may include: the origins of slavery and racism; industrialization and the growth of cities and suburbs; the growth of the American empire; movements for social change. Offered every semester.
View	AS1282	Introduction to African American Studies	4	American Studies	This is an introductory course in the themes and issues relevant to the inter-disciplinary field of African-American studies. Topics include: the origins and development of slavery and racism; African-American contributions to U.S. history; major African-American writers, artists, and thinkers; movements for political, racial, and economic equality. Offered occasionally.
View	AS1512	Introduction to Women's Studies	4	American Studies	Explores the development of women's lives, from childhood through adolescence to maturity. Focuses on the family, school, sexuality, and career options, and how these experiences and choices are affected by race, class, religion, ethnic origin, and gender. Readings include fiction, autobiography, history, and social science. Offered every semester.
View	AS2020	New Media	4	American Studies	This introductory lecture course will explore new and emerging media through a variety of perspectives, including history, theory and technology. Through weekly readings, class discussions, project case studies and hands-on experiments, students will examine new media storytelling strategies, including visualization and interactivity, and will explore

Figure 2.14 Enter CourseID “AS5000” in Search Bar

2.4.3.2 Output:

- View columns and fields related to searched CourseID

Course Search					
Course ID		Name	Credits	Department	Description
View	AS5000	Topics in U.S. History in Global	4	American Studies	This course will take an international perspective on the history of the United States. Thematic, geographic, and chronological focus will vary by instructor, but all courses will situate American history in the context of a global (or regional) historical development, compare an aspect of U.S. history with that of another country (or region), or explore the U.S.'s relationship with another country (or region). Potential topics might include: U.S. imperialism in Puerto Rico and the Philippines; a comparative history of slavery and abolition; -

Figure 2.15 Results from Searching “AS5000”

2.4.3.3 Exceptions:

- CourseID does not exist

Course Search					
Course ID		Name	Credits	Department	Description
	AS1111				X

Figure 1.96 Course “AS1111” does not exist, no information given

2.4.4 Search Course by Keyword

Each course has specific details. These detailed fields are provided in the associated columns in the Course table. With the search bar, the user can search a keyword that will return courses including that keyword/words in any of the columns. These keywords can be:

- any word included in “Description”
- any word included in “Name”
- any word included in “Department”
- any two/three letter “CourseID” prefix.

Searching by a specific keyword results in displaying Courses with associated information of the columns displayed in the table.

2.4.4.1 Input:

- Enter a keyword
- Click “Search” button

2.4.4.2 Output:

- View all courses that have the word “Math” within any of the columns

Course Search					
Course ID	Name	Credits	Department	Description	
View CP3230	Mathematical Methods in Physics	3	Chemistry & Physics	Application of advanced mathematical principles to problems in the physical sciences. Topics include infinite and power series, functions of several variables, matrix and vector algebra, Fourier analysis, special functions and differential equations. Offered periodically.	
View CS1010	Code Your World	4	Mathematics, Computer & Information	This class is aimed at students with no prior programming experience, in any major, who wish to learn beginning programming concepts and gain confidence through an accessible project-based approach emphasizing block-based languages. In the spirit of ubiquitous computing and intrinsic motivation, the class projects will enable students to create in the context of applications that make up their world. The projects students will do include game creation, simulations design, algorithmic music composition, creation of electronically generated art, and more.	<input type="text" value="Math"/> <input type="button" value="Search"/>
View CS1500	Introduction To Computer Applications	4	Mathematics, Computer & Information	This course is designed to provide the student with a comprehensive introduction to PCs. Topics include fundamental concepts, hardware components, software products, trends in computing and an introduction to the Microsoft Windows environment, including the use of the mouse and file management. Issues related to the impact computers have on society and current changes in technology are also discussed. Students will receive hands-on instruction in popular software applications including Microsoft Word, Excel, Access and Powerpoint.	
View CS1510	Advanced Computer Applications	4	Mathematics, Computer & Information	This course introduces the role of computers and data processing in the business environment. Topics include essential business computer concepts. Popular PC software packages (database management and spreadsheet) are introduced and demonstrated. Students will learn how to use these packages effectively. Students will appreciate our coverage of the electronic spreadsheet package, Microsoft Excel. Topics include basic spreadsheet design, entering data, formating worksheets, basic formulas and functions.	
View CS2510	Computer Programming I	4	Mathematics, Computer & Information	An introduction to problem solving through programming. Topics include program design and analysis; algorithmic processes, fundamental techniques of program development, debugging and testing. Programming projects and applications will be written in a structured computer language. Students learn the basic language features of C++/Java to write basic to intermediate level programs. Offered every semester.	
View CS2511	Computer Programming II	4	Mathematics, Computer & Information	Continuation of CS 2510. Discussion of methods, arrays, class and object, inheritance, polymorphism, exceptions, file operations, and GUI (Graphical User Interface) applications. Basic data structures and algorithms like insertion sort, binary search in a sorted array, and recursion may also be discussed if time allows. Students write intermediate to advanced level programs in C++/Java. Offered every semester.	
View CS2521	Scientific Programming in Python	4	Mathematics, Computer & Information	A fast paced introduction to program design and analysis; discussion of algorithmic processes, basic programming techniques, program specification & structure, program development, debugging and testing. Emphasis on scientific applications. Discussion of storage classes, files and string manipulation, basic data structures and algorithms, data abstractions and object-oriented programming. Student learn the language features of Python with an eye toward scientific and data analysis applications.	
View CS2610	Visual Basic and Object-Oriented Programming	4	Mathematics, Computer & Information	This course provides an introduction to the Visual Basic programming language, programming concepts and terminology, algorithms, and problem solving strategies. It will provide students with the critical thinking skills necessary to design and create user interface applications. The components of Visual Basic will be learned. Students will learn how to develop professional level applications using Visual Basic. Students will be introduced to programming topics such as objects, classes, inheritance, structures, functions, procedures and arrays.	
View CS3410	Interactive Multimedia Design	4	Mathematics, Computer & Information	This course provides an introduction to interactive multimedia design emphasizing animation, sound and video using Adobe Flash and ActionScript. Students will learn how to design and create professional multimedia applications for e-commerce, interactive instructional videos, and interactive web sites with rich internet applications 180 using state of the art multimedia software. Topics include the application of e-business strategies using interactive audio and video, drawing and color tools, animation, timeline effects, shape tweening.	
View CS3611	Advanced C#	4	Mathematics, Computer & Information	This course provides an in-depth study of the skills and knowledge of C# programming. It is intended to reinforce and build upon the introductory programming course by introducing more advanced features of C# programming language and environment. Some of the advanced topics include SQL, database programming, reporting scheme, programming for the web and web forms, object-oriented programming, accessing data with ADO.NET. It also introduces basic technologies in ASP.NET. Offered every semester.	

Figure 2.16 Keyword “Math” results in Courses related to the keyword

2.4.4.3 Exceptions:

- Keyword/Keyword combination does not exist within the table

2.4.5 View Course Details

Each course has its own details page, including the following details:

- Course Name
- CourseID
- Department
- Description
- Prerequisites

2.4.5.1 Input:

- Select “View” button to the left of the CourseID Column

Course Search				
Course ID	Name	Credits	Department	Description
AS5000	Topics in U.S. History in Global Perspective	4	American Studies	This course will take an international perspective on the history of the United States. Thematic, geographic, and chronological focus will vary by instructor, but all courses will situate American history in the context of a global (or regional) historical development, compare an aspect of U.S. history with that of another country (or region), or explore the U.S.'s relationship with another country (or region). Potential topics might include: U.S. imperialism in Puerto Rico and the Philippines; a comparative history of slavery and abolition in the Americas; the history of the U.S. in the Middle East; the American, Haitian, and French revolutions; the colonial Atlantic World; women's rights movements in the U.S. and Europe; or the global Cold War. Offered every year.

Figure 2.17 Select “View” button

2.4.5.2 Output:

- Course Details page

< Go Back to All Courses	
<h2>Topics in U.S. History in Global Perspective</h2>	
Course ID:	AS5000
Department:	American Studies
<p>This course will take an international perspective on the history of the United States. Thematic, geographic, and chronological focus will vary by instructor, but all courses will situate American history in the context of a global (or regional) historical development, compare an aspect of U.S. history with that of another country (or region), or explore the U.S.'s relationship with another country (or region). Potential topics might include: U.S. imperialism in Puerto Rico and the Philippines; a comparative history of slavery and abolition in the Americas; the history of the U.S. in the Middle East; the American, Haitian, and French revolutions; the colonial Atlantic World; women's rights movements in the U.S. and Europe; or the global Cold War. Offered every year.</p>	
<p>AND</p>	
OR	
AS2112: 11	AS2112: 11
AS2122: 11	AS2122: 11
AS2252: 11	AS2252: 11
AS2262: 11	AS2262: 11
AS2263: 11	AS2263: 11
AS2300: 11	AS2300: 11
AS2640: 11	AS2640: 11
AS3222: 11	AS3222: 11
AS3270: 11	AS3270: 11
AS3462: 11	AS3462: 11

Figure 2.18 View Course Page

2.4.5.3 Exceptions: N/A

2.5.1 Course Catalog - Departments

The Course Catalog includes a subpage “Departments”. The Departments grouped by School.

2.5.2 View Departments

View a list of all Departments offered by the school. The initial view when selecting “Departments” is a list of all departments. The user may also view details about each Department by clicking on the Department name.

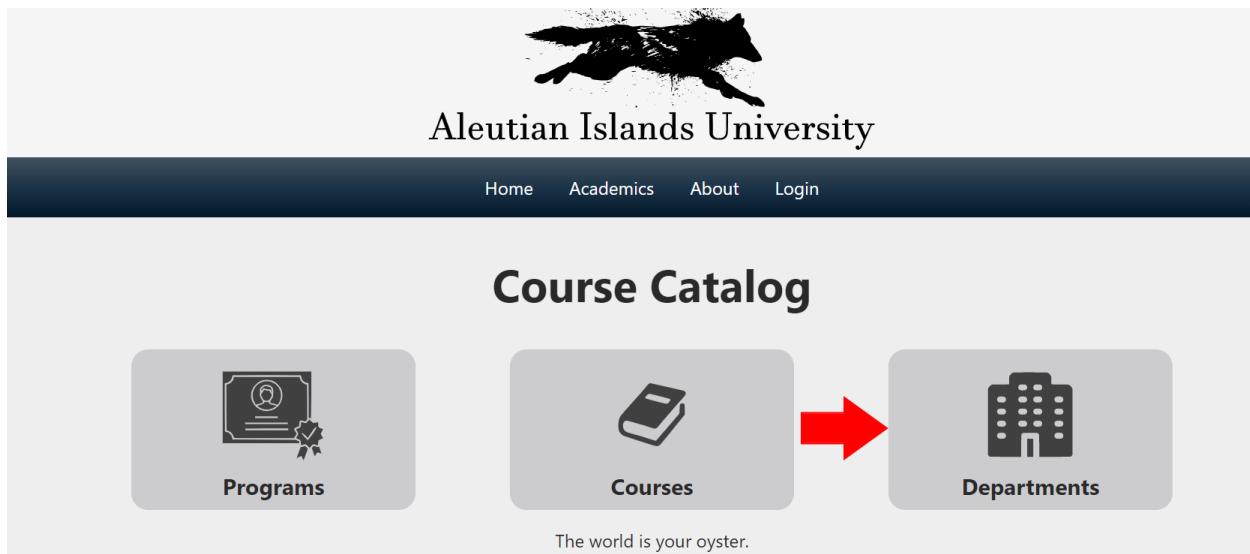


Figure 2.19 Select Course Catalog Departments

2.5.2.1 Input:

- Click “Departments” button in Course Catalog

2.5.2.2 Output:

- View Searchable Department Catalog

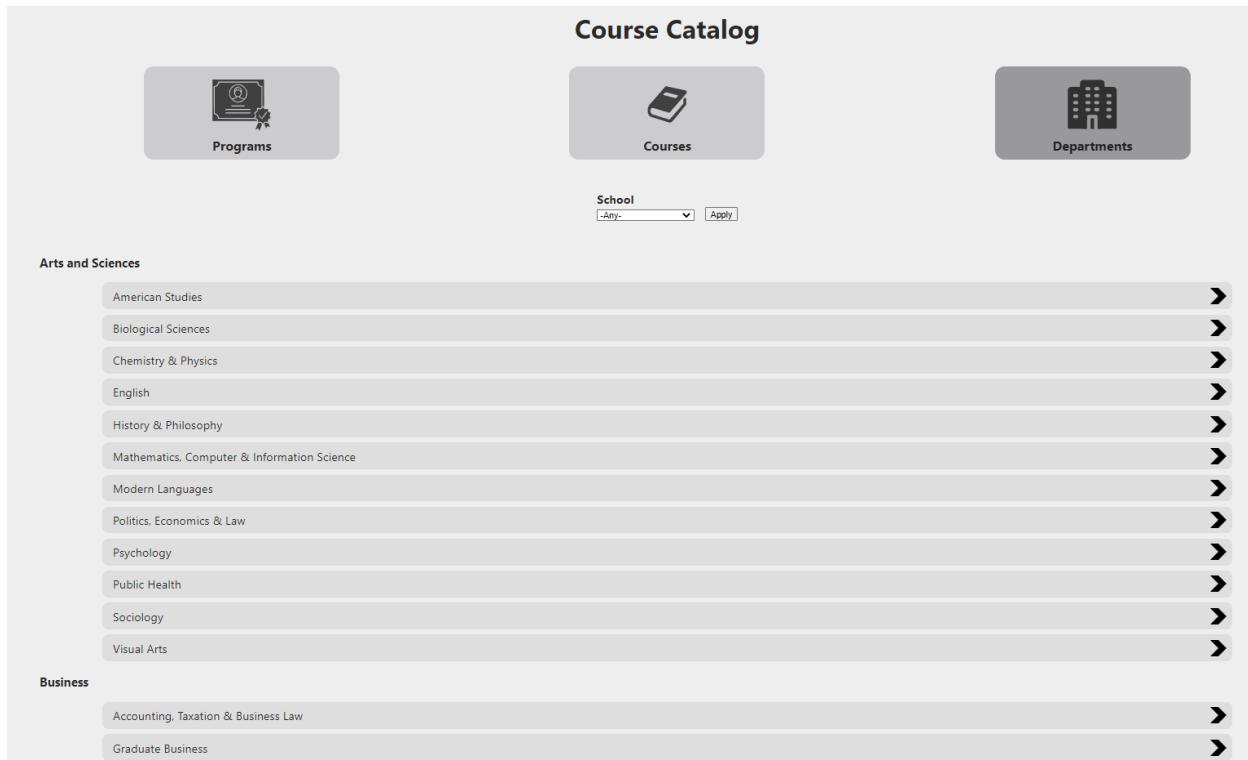


Figure 2.2 Searchable Department Catalog

2.5.2.3 Exceptions: N/A

2.5.3 Search Department by School

Every Department is part of a School. The user can search for Departments by narrowing the search down with the “School” drop down. The “School” drop down includes a clickable list of Schools.

2.5.3.1 Input:

- Select drop down
- Select a School
- Click “Apply” button

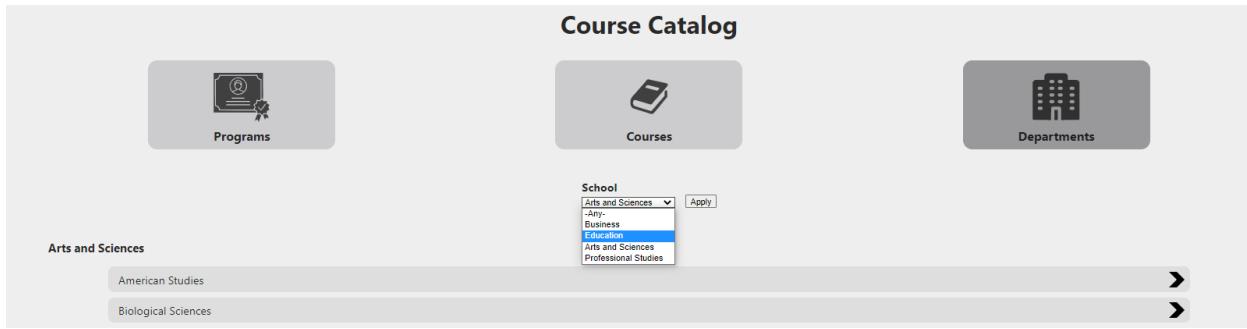


Figure 2.21 Drop down “School”, select “Education”

2.5.3.2 Output:

- View a list of Departments from the selected School

This screenshot shows the same interface as Figure 2.21, but now the "Education" school has been selected. The dropdown menu shows "Any" and "Education" as the selected option. The list of departments under "Arts and Sciences" is now visible, including: American Studies, Biological Sciences, Chemistry & Physics, English, History & Philosophy, Mathematics, Computer & Information Science, Modern Languages, Politics, Economics & Law, Psychology, Public Health, Sociology, and Visual Arts. Each department name is followed by a right-pointing arrow.

Figure 2.22 View list of Departments within School of Education

2.5.3.3 Exceptions: N/A

2.5.4 View a Department's Page

Each Department has a designated details page. The information included on this page:

- Department Title
- Department Description
- Related Schools
- Contact Information

2.5.4.1 **Input:**

- Click on a Department from the list of Departments

School

Arts and Sciences

- American Studies
- Biological Sciences
- Chemistry & Physics
- English

Figure 2.23 Click on Department “American Studies”

2.5.4.2 **Output:**

- View the selected Department’s Detail page

< Go Back to Search Departments

American Studies

The American Studies Department offers students two distinct but interconnected undergraduate majors -- American Studies and Media & Communications -- along with a graduate degree in Liberal Studies. Our programs develop within students an enhanced understanding of the meanings of citizenship and foster a critical understanding of events and issues defining the nation in the past and present.

Related Schools

Arts and Sciences	In a fast-changing global society, the adaptability linked to the liberal arts has never been more relevant or more in demand in the workplace.
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Contact Information

On-Campus Contact

Building: Sandhill Cluster Room: 226
Phone: 907-543-4521

Chairperson Contact

Chairperson: Alvie Sausman
Location: SC232
Email: asasm@aiuniversity.edu
Phone: 504-240-5598

Figure 2.24 View of “American Studies” Department details

2.5.4.3 **Exceptions:** N/A

2.7.1 Login Page

The Login Page is where a user can login to access their account. The user must have a designated school email and password.

2.7.2 View Login Page

2.7.2.1 Input:

- From the home page, click on “Login” button on navigation bar

2.7.2.2 Output:

- View Login page

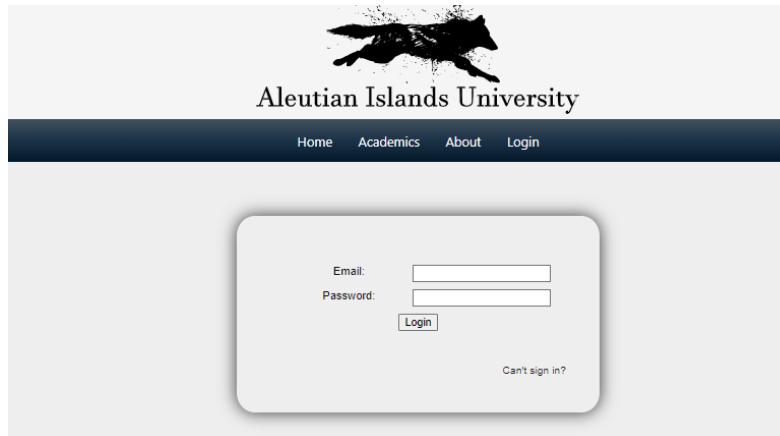


Figure 2.26 View Login

2.7.2.3 Exceptions: N/A

2.7.3 Login

When the user correctly inputs their login information, they will have access to their account.

2.7.3.1 Input:

- User enters their email
- User enters their password
- Select “Login”

Figure 2.27 User information entered correctly

2.7.3.2 Output:

- User views their Account home page

Figure 2.28 Account successfully logged in

2.7.3.3 Exceptions:

- Password or Email is incorrectly inputted

A screenshot of a login interface. At the top, a red error message reads "Invalid email and password combination." Below it, there are two input fields: "Email:" containing "galessi.aiu@aol" and "Password:" containing a series of dots. A blue "Login" button is positioned below the fields. In the bottom right corner of the main window, there is a link "Can't sign in?"

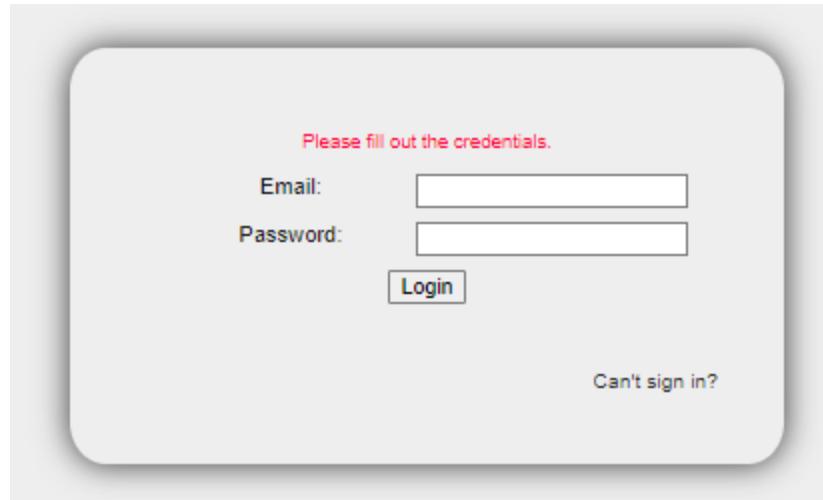
Figure 2.29 Email not entered in correctly

- Email is not associated with an account

A screenshot of a login interface. At the top, a red error message reads "Too many failed attempts. Please try again later." Below it, there are two input fields: "Email:" containing "sbob@gmail.com" and "Password:" containing a series of dots. A blue "Login" button is positioned below the fields. In the bottom right corner of the main window, there is a link "Can't sign in?"

Figure 2.3 Email is not associated with an account

- Password and/or Email bar left blank



A screenshot of a login interface. At the top, a red error message reads "Please fill out the credentials." Below it are two input fields: "Email:" followed by an empty text box, and "Password:" followed by another empty text box. A blue "Login" button is positioned below the password field. In the bottom right corner of the page, there is a link labeled "Can't sign in?"

Figure 2.31 Password and Email left blank

- Too many failed login attempts



A screenshot of a login interface. A red error message at the top states "Too many failed attempts. Please try again later." Below this, the "Email:" field contains "galesi.aiu@aol.com" and the "Password:" field contains a series of dots ("....."). A blue "Login" button is located below the password field. In the bottom right corner, there is a link labeled "Can't sign in?"

Figure 2.32 Too many failed login attempts

2.7.4 Can't Sign in

When a user can't sign in due to forgetting their password, there is a process for them to request a new one. This process involves contacting the admin for a password reset.

2.7.4.1 Input:

- Select "Can't sign in?" on login page
- User input their email in "Password Reset Request Form"
- Select "Confirm" button

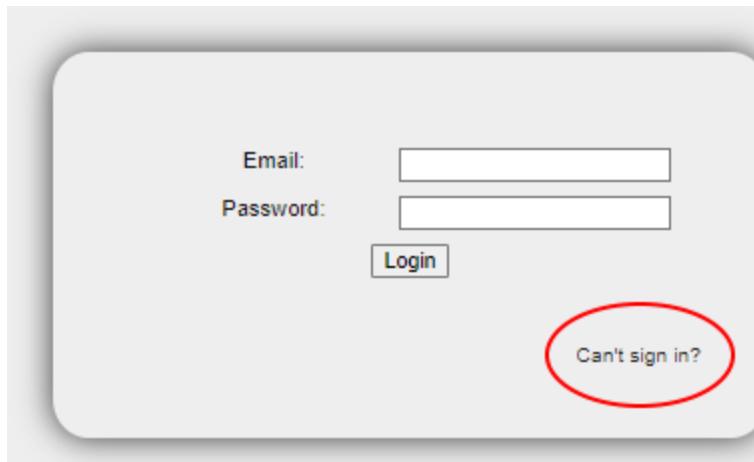


Figure 2.33 “Can’t sign in?”

A screenshot of a password reset request form titled 'Password Reset Request Form'. It contains a red error message 'Please fill out the credentials.' above a single input field labeled 'Email:' with a placeholder 'Email'. Below the input field are two buttons: 'Confirm' and 'Cancel'.

Figure 2.34 Password reset request form

2.7.4.2 Output:

- Password Request Form has been sent to an Admin's email
- Confirmation screen
- User will receive an email with their new password from the Admin once approved

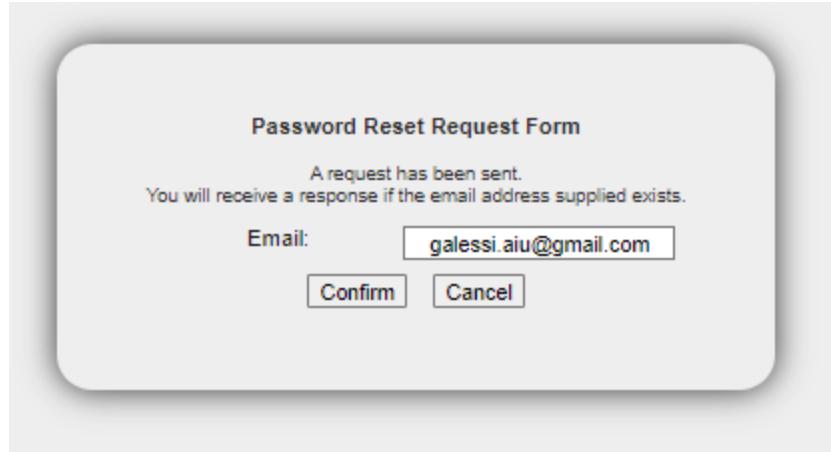


Figure 2.35 Password Request Confirmed

2.7.4.3 Exceptions:

- The email entered in the Password Request Form is not associated with an account in the system
- User did not enter an email in the form

2.8 Master Schedule

The Master Schedule is a collection of Course Sections that are being offered the current semester and the next. The User may search through the semester schedule. From the list of Course Sections, the User can also view specific details about a selected Course Section.

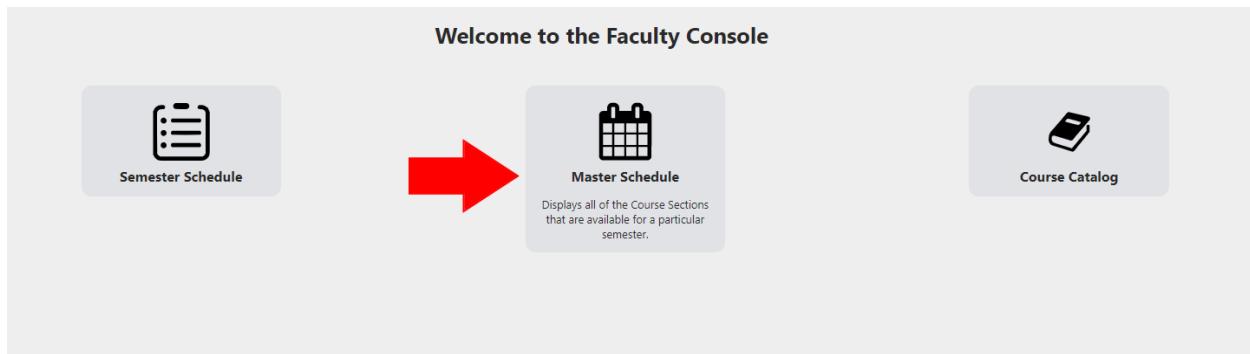


Figure 2.36 View of “Master Schedule” From Educator Console

2.8.1 View Master Schedule

The Master Schedule includes pagination functionality, allowing the user to flip through pages to view groups of Course Sections at a time.

The master schedule has a multi-search tool that allows a User to layer search items as they please. Ex. A User can search for Computer Science courses being offered only on Mondays and Wednesdays.

The screenshot shows the 'Master Schedule' interface for the Fall 2022 semester. At the top, there is a search bar with fields for CRN, Course ID, Course Name, Instructor Name, Room, Credits, Department (set to 'All'), Days (checkboxes for Sunday through Saturday), and Periods (checkboxes for various time intervals). Below the search bar, the text 'Fall 2022' is displayed. Underneath, there is a table header with columns: CRN, Course, Credits, Name, Sec, Instr, Room, Day, Time, Min, Cap, Act, and Dept. The table lists ten course sections, each with a 'View' button. The data from the table is as follows:

CRN	Course	Credits	Name	Sec	Instr	Room	Day	Time	Min	Cap	Act	Dept
2220001	AS1512	4	Introduction to Women's Studies	001	Hazel Scranny	AB108	M W	8:45 AM - 9:00 AM 8:45 PM - 8:00 AM	5	15	15	American Studies
2220002	AS1512	4	Introduction to Women's Studies	002	Godart Dovey	AB112	M Th	8:45 PM - 5:00 PM 8:45 AM - 8:00 AM	5	15	5	American Studies
2220003	AS2112	4	American People I	001	Merralee Coldbreath	AB112	M F	8:15 PM - 6:30 PM 8:45 AM - 8:00 AM	5	15	14	American Studies
2220004	AS2112	4	American People I	002	Fidelia Harsum	SC123	T	8:15 AM - 9:30 AM	5	15	14	American Studies
2220005	AS2112	4	American People I	003	Ashley Compson	PC224	M Th	8:15 AM - 9:30 AM 8:45 AM - 8:00 AM	5	15	5	American Studies
2220006	AS2122	4	American People II	001	Dario Whisman	AB232	M F	8:15 AM - 9:30 AM 8:15 AM - 9:30 AM	5	15	15	American Studies
2220007	AS2122	4	American People II	002	Dionysus Anasis	SC123	M W	9:45 AM - 11:00 AM 9:45 AM - 11:00 AM	5	15	13	American Studies
2220008	AS2252	4	U.S. Social Movements	001	Hazel Scranny	SC141	T Th	9:45 AM - 11:00 AM 9:45 AM - 11:00 AM	5	15	5	American Studies
2220009	AS2262	4	African American History I	001	Jacinta Bullock	AB108	T F	9:45 AM - 11:00 AM 8:45 AM - 8:00 AM	5	15	15	American Studies
2220010	AS2262	4	African American History I	002	Bjorn MacRory	SC208	M W	11:15 AM - 12:30 AM 11:15 AM - 12:30 AM	5	15	8	American Studies

Figure 2.37 View of Master Schedule

2.8.2 Search Master Schedule by Semester

Select a Semester to view all course sections offered during that Semester.

2.8.2.1 Input:

Select Semester from drop down

Semester
Fall 2022
Fall 2022
Spring 2023

CRN
Course ID
Course Name
Instructor Name
Room
Credits

Department
-- Any --

Days
 Sunday
 Monday
 Tuesday
 Wednesday
 Thursday
 Friday
 Saturday

Periods
 6:45 AM - 8:00 AM
 8:15 AM - 9:30 AM
 9:45 AM - 11:00 AM
 11:15 AM - 12:30 AM
 12:45 AM - 2:00 PM
 2:15 PM - 3:30 PM
 3:45 PM - 5:00 PM
 5:15 PM - 6:30 PM
 6:45 PM - 8:00 PM
 8:15 PM - 9:30 PM

Figure 2.38 Select Semester

2.8.2.2 Output:

- View all courses from selected Semester

2.8.2.3 Exceptions: N/A

2.8.3 Search Master Schedule by Department

2.8.3.1 Input:

- Select Department from drop down

Semester
Fall 2022

CRN
Course ID
Course Name
Instructor Name
Room
Credits

Department
-- Any --
-- Any --
Accounting, Taxation & Business Law
Adolescence Education
American Studies
Biological Sciences
Biological Sciences
Business
Chemistry & Physics
Childhood Education & Literacy
English
Exceptional Education & Learning
Graduate Business
History & Philosophy
History & Philosophy
Management, Marketing & Finance
MAT Pedagogy
Mathematics, Computer & Information Science
Mathematics, Computer & Information Science
Modern Languages

Figure 2.39 Select Department

2.8.3.2 Output:

- View all courses from selected Department

2.8.3.3 Exceptions:

- No course sections are being offered the Semester within the Department selected

2.8.4 Search Master Schedule by Days

2.8.4.1 Input:

- Select one or more days from the picklist

The screenshot shows a search interface for selecting days of the week. At the top, there is a dropdown menu labeled "Semester" with "Fall 2022" selected. Below it, there are several input fields: "CRN" (empty), "Course ID" (empty), "Course Name" (empty), "Instructor Name" (empty), "Room" (empty), and "Credits" (empty). To the right of these fields are two dropdown menus: "Department" (set to "- Any --") and "Days". The "Days" dropdown contains checkboxes for each day of the week: Sunday, Monday, Tuesday (selected), Wednesday, Thursday (selected), Friday, and Saturday. Below the "Days" dropdown is a larger list of "Periods" with checkboxes: 6:45 AM - 8:00 AM, 8:15 AM - 9:30 AM, 9:45 AM - 11:00 AM, 11:15 AM - 12:30 AM, 12:45 AM - 2:00 PM, 2:15 PM - 3:30 PM, 3:45 PM - 5:00 PM, 5:15 PM - 6:30 PM, 6:45 PM - 8:00 PM, and 8:15 PM - 9:30 PM.

Figure 2.4 Select Days

2.8.4.2 Output:

- View all courses that are being offered during the selected Days

2.8.4.3 Exceptions:

- No course sections are being offered during those specific days

2.8.5 Search Master Schedule by Periods

2.8.5.1 Input:

- Select one or more periods from the picklist

Semester
Fall 2022

CRN <input type="text"/>	Department -- Any --
Course ID <input type="text"/>	Days
Course Name <input type="text"/>	<input type="checkbox"/> Sunday
Instructor Name <input type="text"/>	<input type="checkbox"/> Monday
Room <input type="text"/>	<input type="checkbox"/> Tuesday
Credits <input type="text"/>	<input type="checkbox"/> Wednesday
	<input type="checkbox"/> Thursday
	<input type="checkbox"/> Friday
	<input type="checkbox"/> Saturday
	Periods
	<input type="checkbox"/> 6:45 AM - 8:00 AM
	<input type="checkbox"/> 8:15 AM - 9:30 AM
	<input checked="" type="checkbox"/> 9:45 AM - 11:00 AM
	<input type="checkbox"/> 11:15 AM - 12:30 AM
	<input type="checkbox"/> 12:45 AM - 2:00 PM
	<input type="checkbox"/> 2:15 PM - 3:30 PM
	<input checked="" type="checkbox"/> 3:45 PM - 5:00 PM
	<input type="checkbox"/> 5:15 PM - 6:30 PM
	<input type="checkbox"/> 6:45 PM - 8:00 PM
	<input type="checkbox"/> 8:15 PM - 9:30 PM

Figure 2.41 Select Periods

2.8.5.2 Output:

- View all courses that are being offered during the selected Periods

2.8.5.3 Exceptions:

- No course sections are being offered during those specific periods

2.8.5 Search Master Schedule by CRN/CourseID/Course Name/Instructor Name/ Room/ Credits

2.8.5.1 Input:

- Type in values to desired text box option

Semester
Fall 2022

Fall 2022
Spring 2023

CRN <input type="text"/>	Department -- Any --
Course ID <input type="text"/>	Days
Course Name <input type="text"/>	<input type="checkbox"/> Sunday
Instructor Name <input type="text"/>	<input type="checkbox"/> Monday
Room <input type="text"/>	<input type="checkbox"/> Tuesday
Credits <input type="text"/>	<input type="checkbox"/> Wednesday
	<input type="checkbox"/> Thursday
	<input type="checkbox"/> Friday
	<input type="checkbox"/> Saturday
	Periods
	<input type="checkbox"/> 6:45 AM - 8:00 AM
	<input type="checkbox"/> 8:15 AM - 9:30 AM
	<input type="checkbox"/> 9:45 AM - 11:00 AM
	<input type="checkbox"/> 11:15 AM - 12:30 AM
	<input type="checkbox"/> 12:45 AM - 2:00 PM
	<input type="checkbox"/> 2:15 PM - 3:30 PM
	<input type="checkbox"/> 3:45 PM - 5:00 PM
	<input type="checkbox"/> 5:15 PM - 6:30 PM
	<input type="checkbox"/> 6:45 PM - 8:00 PM
	<input type="checkbox"/> 8:15 PM - 9:30 PM

Figure 2.42 Type in Value for Specific text box

2.8.5.2 Output:

- View all courses that are being offered relevant to the search input

2.8.5.3 Exceptions:

- No course sections are being offered with the specific input values

2.8.7 View Course Section

2.8.6.1 Input:

- Select “View” button to the left of CRN column

Fall 2022													
CRN	Course	Credits	Name	Sec	Instr	Room	Day	Time	Min	Cap	Act	Dept	
<input type="button" value="View"/>	2220001	AS1512	4	Introduction to Women's Studies	001	Hazel Scranny	AB108	M W 6:45 AM - 8:00 AM	5	15	15	American Studies	
<input type="button" value="View"/>	2220002	AS1512	4	Introduction to Women's Studies	002	Godart Dovey	AB112	M Th 6:45 AM - 8:00 AM	5	15	5	American Studies	
<input type="button" value="View"/>	2220003	AS2112	4	American People I	001	Merralee Goldbreath	AB112	M F 6:45 PM - 8:00 AM	5	15	14	American Studies	
<input type="button" value="View"/>	2220004	AS2112	4	American People I	002	Fidelia Harsum	SC123	M T 8:15 AM - 9:30 AM	5	15	14	American Studies	
<input type="button" value="View"/>	2220005	AS2112	4	American People I	003	Ashley Compson	PC224	M 8:15 AM - 9:30 AM	5	15	5	American Studies	

Figure 2.43 Select “View” to view Course Section details

2.8.6.2 Output:

- View course section information

Course Section Information

Semester: Fall 2022

CRN: 2220001

Course: AS1512

Department: American Studies

Professor: Hazel Scranny

Location: Alopex Building, Room 108

Time:

Monday 6:45 AM - 8:00 AM

Wednesday 6:45 AM - 8:00 AM

Room Information:

Min/Max Seats: 5 / 15

Occupied Seats: 15

Figure 2.44 View Course Section information

2.8.6.3 Exceptions: N/A

Student

3.1 Profile

When a user logs in with the credentials matching that of a Student, they are greeted with the Student Account Information landing page:

The screenshot shows a web application interface for a student account. At the top, there is a logo of a stylized fox and the text "Aleutian Islands University". Below this is a dark header bar with the user's name, "Roley Abyss", and a profile icon. On the left, there is a vertical sidebar with navigation links: "Account" (selected), "Account Profile", "Student" (selected), and "Logout". The main content area displays a "About" section with the following details:

About	Name: Mr. Abyss, Roley
Overview	Role: Student, Full Time Undergraduate
Education	Lives in: Sacramento, California
Residence	Gender: Male
Contact Info	Edit

This page displays the student's basic information, such as their name, gender, address, etc.

3.1.1 Edit Personal Information:

The screenshot shows a web-based 'Edit Profile' form. At the top, it says 'Edit Profile'. Below that is a table of input fields:

First Name:	Riley
Last Name:	Abyss
Phone:	510-917-5043
Gender:	Select option
Honorific:	Select option
Birthday:	06/02/2001
House Number:	3
Street:	Charles Cross
City:	Sacramento
State:	California
Country:	United States
Zip:	94230

At the bottom of the form are two buttons: 'Apply' and 'Back'.

3.1.1.1 Input:

First Name, Last Name, Phone Number, Gender, Honorific, D.O.B, House Number, Street, City, State, Country, Zip Code

3.1.1.2 Output: N/A

3.1.1.3 Exception: N/A

3.1.2 Change Password

The screenshot shows a web application interface for changing a password. At the top center is a black silhouette of a wolf. Below it, the text "Aleutian Islands University" is displayed. On the left side, there is a vertical dark blue sidebar menu with the following options: "Account" (which is currently selected, indicated by a white background), "Account", "Profile", "Student", and "Logout". The main content area has a light gray background and features a title "Change Password" centered at the top. Below the title are two input fields: "Current Password:" and "New Password:", each with a corresponding text input box. At the bottom of the form is a single button labeled "Apply".

3.1.2.1 Input:

- The user will input their current password and a new password of their choosing

3.1.2.2 Output:

- N/A

3.1.2.3 Exceptions:

- If the current password typed in does not match the password on file, the change will not go through
- If the new password is less than 7 characters or more than 17 characters, the change will not go through

3.2 Student Tab

The main page of the Student user interface, the Student Hub contains direct access to all the functions a student can do on the website.

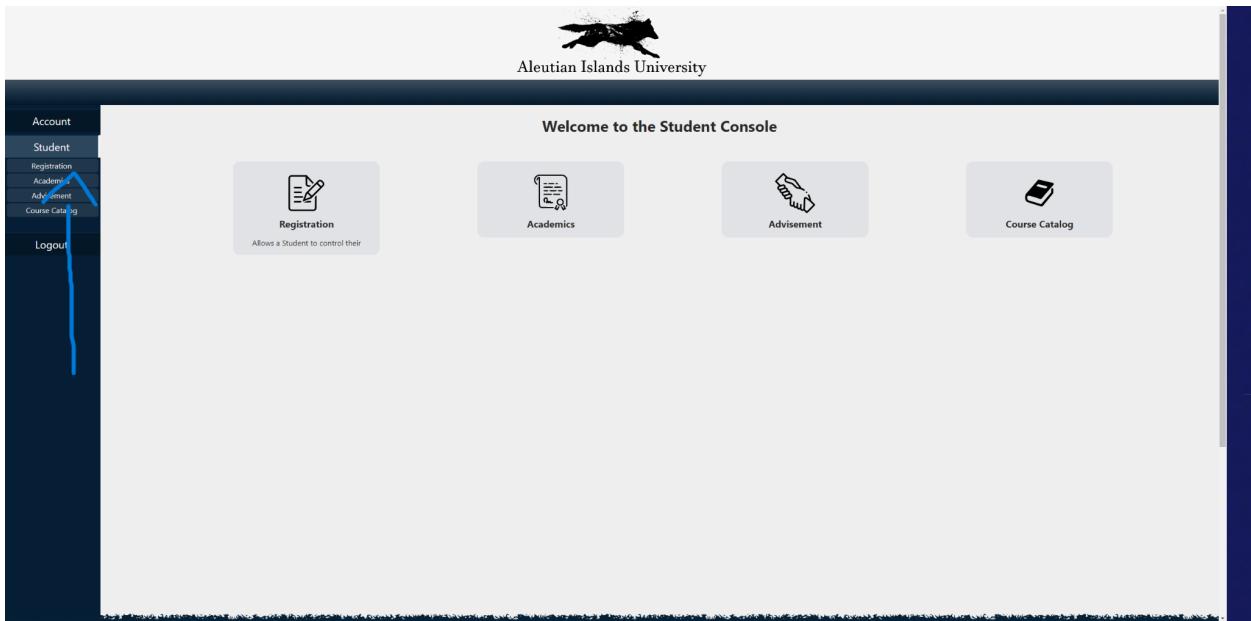


Fig. 3.2

3.2.1 Registration

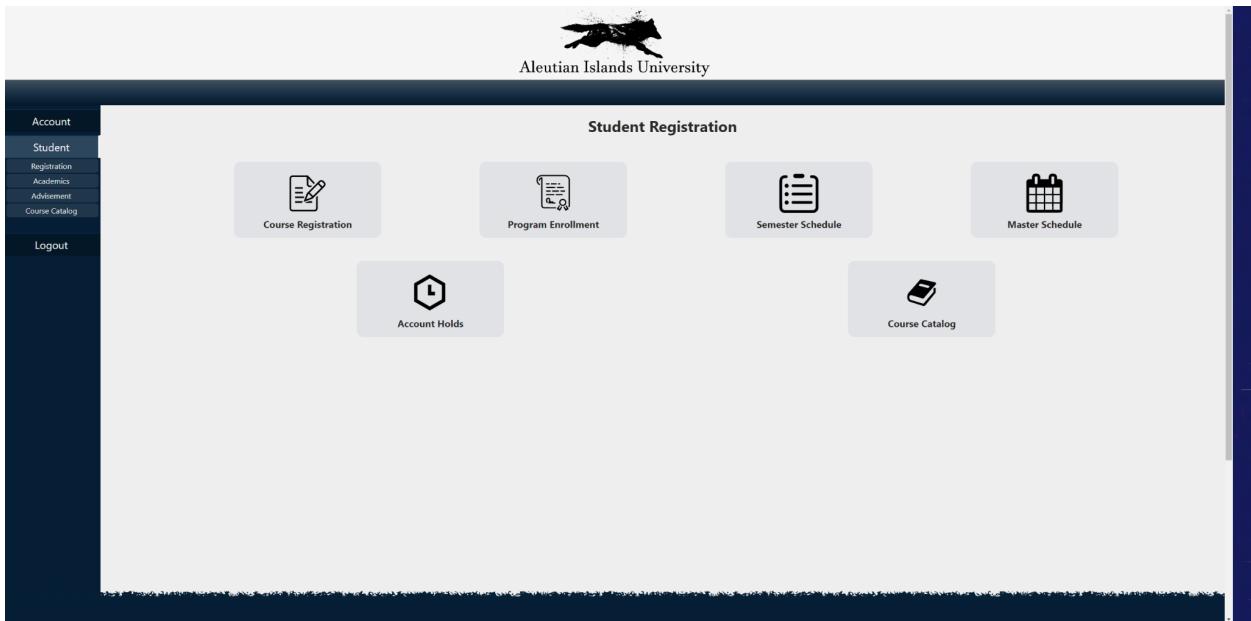


Fig 3.2.1

3.2.1.1 Input:

Clicking on the Registration Tab on the left of the screen picture (Fig. 3.2)

3.2.1.2 Output:

The registration page

3.2.1.3 Exception: N/A

3.2.2 Course Registration



Aleutian Islands University

Add / Drop Course Sections

Spring 2023 ▾

	CRN	Course ID	Section	Faculty	Building	Room	Day	Start	End	
<input type="button" value="View"/>	No Action ▾	2310310	MA2500	001	370406	Pacific Cluster	PC141	Monday Wednesday	11:15 AM 11:15 AM	12:30 AM 12:30 AM
<input type="button" value="View"/>	No Action ▾	2310315	MA3210	001	359100	Vitus Bering Academic Building	VB001	Tuesday Friday	12:45 AM 12:45 AM	2:00 PM 2:00 PM
<input type="button" value="View"/>	No Action ▾	2310317	MA3330	001	340584	Pacific Cluster	PC242	Tuesday Thursday	6:45 AM 6:45 AM	8:00 AM 8:00 AM
<input type="button" value="View"/>	No Action ▾	2310321	MA4510	001	350656	Alopex Building	AB118	Tuesday Friday	3:45 PM 3:45 PM	5:00 PM 5:00 PM

Fig 3.2.2 (a)

Registration Course Search

CRN Department

Course ID Course Name

Instructor Name Room Credits

Days Sunday Monday Tuesday Wednesday Thursday Friday Saturday

Periods 6:45 AM - 8:00 AM 8:15 AM - 9:30 AM 9:45 AM - 11:00 AM 11:15 AM - 12:30 PM 12:45 AM - 2:00 PM 2:15 PM - 3:30 PM 3:45 PM - 5:00 PM 5:15 PM - 6:30 PM 6:45 PM - 8:00 PM 8:15 PM - 9:30 PM

Spring 2023

Rows per page: 10 < > 1-10 of 626

CRN	Course	Credits	Name	Sec	Instr	Room	Day	Time	Min	Cap	Act	Dept
2310010	AS2262	4	African American History I	001	Pincas Harmer	PC146	M W	11:15 AM - 12:30 AM 11:15 AM - 12:30 AM	5	15	15	American Studies

Fig 3.2.2 (b)

- 3.2.2.1** **Input:** - Selecting the Action that needs to be made to an existing course section (dropping) (Fig 3.2.2 a)
 - Selecting to search for a course to add (Fig 3.2.2 b)

- 3.2.2.2** **Output:** Updated list of courses

- 3.2.2.3** **Exceptions:** - If holds exist on the account, the registration will not go through.
 - If there are time slot conflict with an existing course section, the registration will not go through.
 - If the prerequisites for this course have not been met, the registration will not go through.
 - If the course has already been taken & passed, the registration will not go through.
 - If the course is already being taken this semester, the registration will not go through
 - If the time window for registration has passed, the registration will not go through
 - If the credit limit for the semester has been met, the registration will not go through
 - If the seats for the section are filled entirely, the registration will not go through

3.2.3 Program Enrollment

The screenshot shows the Aleutian Islands University Program Enrollment page. At the top right is a logo of a running wolf and the text "Aleutian Islands University". On the left is a dark sidebar menu with options: Account, Student (selected), Registration, Academics, Advisement, Course Catalog, and Logout. The main content area has a title "Program Enrollment" and two dropdown menus: "Primary Program" set to "Any" and "Secondary Program" also set to "Any". Below these is a small "Apply" button. The URL in the address bar is 300343Undergraduate.

Fig 3.2.3 (a)

This screenshot shows the same program enrollment page, but the "Primary Program" dropdown is now set to "Graduate". The URL in the address bar is 300488Graduate.

Fig 3.2.3 (b)

3.2.3.1 Input:

- (Undergraduate Student) Select one or more program(s) to enroll in (Fig. 3.2.3 a)
- (Graduate Student) Select a program to enroll in (Fig. 3.2.3 b)

3.2.3.2 Output:

- N/A

3.2.3.3 Exceptions:

- If a student is an undergraduate student, they may not enroll in a graduate program and vice versa
- An Undergraduate may not enroll in more than two programs
- A Graduate student may not enroll in more than one program

3.2.4 Semester Schedule

The screenshot shows a web-based student information system for Aleutian Islands University. The top navigation bar includes links for Account, Student, Registration, Academics, Advisement, Course Catalog, and Logout. The main content area features a logo of a running wolf above the text "Aleutian Islands University". Below this is a title "Semester Schedule" with a dropdown menu showing "Fall 2022" and "Spring 2023" (which is selected). A table lists five courses with their details:

	CRN	Course ID	Section	Faculty	Building	Room	Day	Start	End
View	2310310	MA2500	001	370406	Pacific Cluster	PC141	Monday Wednesday	11:15 AM 11:15 AM	12:30 AM 12:30 AM
View	2310315	MA3210	001	359100	Vitus Bering Academic Building	VB001	Tuesday Friday	12:45 AM 12:45 AM	2:00 PM 2:00 PM
View	2310317	MA3330	001	340584	Pacific Cluster	PC242	Tuesday Thursday	6:45 AM 6:45 AM	8:00 AM 8:00 AM
View	2310321	MA4510	001	350956	Alopex Building	AB118	Tuesday Friday	3:45 PM 3:45 PM	5:00 PM 5:00 PM

Fig 3.2.4

3.2.4.1 Input:

- Select the semester of the schedule you'd like to see (dropdown menu in Fig 3.2.4)

3.2.4.2 Output:

- Semester schedule of desired course

3.2.4.3 Exceptions:

- N/A

3.2.5 Master Schedule

The screenshot shows the Aleutian Islands University Master Schedule page for Fall 2022. The interface includes a sidebar with links for Account, Student, Registration, Academics, Advisement, Course Catalog, and Logout. The main content area features a search form with fields for CRN, Course ID, Course Name, Instructor Name, Room, and Credits, along with dropdowns for Department (set to 'Any') and Days (Sunday through Saturday). A list of time periods is also provided. Below the search form is a table titled 'Fall 2022' showing course offerings. The table columns include CRN, Course, Credits, Name, Sec, Instr, Room, Day, Time, Min, Cap, Act, and Dept. The table contains four rows of data.

CRN	Course	Credits	Name	Sec	Instr	Room	Day	Time	Min	Cap	Act	Dept
2220001	AS1512	4	Introduction to Women's Studies	001	Hazel Scranny	AB108	M W	6:45 AM - 8:00 AM 6:45 AM - 8:00 AM	5	15	15	American Studies
2220002	AS1512	4	Introduction to Women's Studies	002	Godart Dovey	AB112	M Th	3:45 PM - 5:00 PM 6:45 AM - 8:00 AM	5	15	5	American Studies
2220003	AS2112	4	American People I	001	Merrilee Coldbreath	AB112	M F	5:15 PM - 6:30 PM 6:45 AM - 8:00 AM	5	15	14	American Studies
2220004	AS2112	4	American People I	002	Fidela Harsum	SC123	M T	8:15 AM - 9:30 AM 8:15 AM - 9:30 AM	5	15	14	American Studies

Fig. 3.2.5 (a)

This screenshot shows the same Master Schedule page for Fall 2022, but with a different set of course offerings. The table below shows the same columns and data structure as the previous screenshot, but with different course details. The sidebar and search interface remain the same.

CRN	Course	Credits	Name	Sec	Instr	Room	Day	Time	Min	Cap	Act	Dept
2220001	AS1512	4	Introduction to Women's Studies	001	Hazel Scranny	AB108	M W	6:45 AM - 8:00 AM 6:45 AM - 8:00 AM	5	15	15	American Studies
2220002	AS1512	4	Introduction to Women's Studies	002	Godart Dovey	AB112	M Th	3:45 PM - 5:00 PM 6:45 AM - 8:00 AM	5	15	5	American Studies
2220003	AS2112	4	American People I	001	Merrilee Coldbreath	AB112	M F	5:15 PM - 6:30 PM 6:45 AM - 8:00 AM	5	15	14	American Studies
2220004	AS2112	4	American People I	002	Fidela Harsum	SC123	M T	8:15 AM - 9:30 AM 8:15 AM - 9:30 AM	5	15	14	American Studies

Fig. 3.2.5 (b)

Fig. 3.2.5 (c)

Fig. 3.2.5 (d)

3.2.5.1

Input:

- Filters for searching the master schedule, such as semester, department, day, period, CRN, course ID, course name, instructor name, room, credits (Fig 3.2.5a, b, c)

3.2.5.2 Output:

- The master schedule with the desired filters applied (Fig 3.2.5d)

3.2.5.3 Exceptions:

- N/A

3.2.6 Holds

A screenshot of a web-based student information system for Aleutian Islands University. The top navigation bar includes links for Account, Student, Registration, Academics, Advisement, Course Catalog, and Logout. The main content area features a logo of a running wolf and the university's name. A section titled "Student Holds" displays a table with columns for Name, Description, and Issue Date. Below the table, a note states: "Please note: Any active Holds on your account, listed above, must be resolved before you may partake in registration."

Name	Description	Issue Date

Fig 3.2.6a

A screenshot of the same web-based student information system, showing a single hold entry in the "Student Holds" table. The entry is highlighted with a red border and contains an exclamation mark icon. The table columns are Name, Description, and Issue Date. The "Description" column for this entry reads: "Your health records are incomplete. Please contact the Office of Health for additional assistance." The "Issue Date" column shows "2022-10-24".

Name	Description	Issue Date
Health	Your health records are incomplete. Please contact the Office of Health for additional assistance.	2022-10-24

Fig 3.2.6b

3.2.6.1 Input:

- N/A

3.2.6.2 Output:

- A list of a student's holds if they have them on their account (Fig 3.2.6b)

3.2.6.3 Exceptions:

- If a student has no holds on their account, then there are no holds shown (Fig 3.2.6a)

3.2.7 Course Catalog

The screenshot shows the Aleutian Islands University Course Catalog interface. At the top, there is a logo of a polar bear and the text "Aleutian Islands University". On the left, a vertical sidebar menu includes "Account", "Student", "Registration", "Academics", "Advisement", and "Course Catalog", with "Course Catalog" currently selected. Below the sidebar is a "Logout" link. The main content area is titled "Course Catalog" and features three buttons: "Programs" (with a graduation cap icon), "Courses" (with a book icon), and "Departments" (with a building icon). Below these buttons, there are dropdown menus for "Program Type" (set to "Any"), "School" (set to "Any"), and "Department" (set to "Any"), followed by an "Apply" button. The main list displays "Bachelor of Arts" programs, each with a right-pointing arrow icon. The listed programs are: American Studies, B.A.; English: World Literature, B.A.; History: Social Studies, B.A.; Industrial and Labor Relations, B.A.; Media and Communications, B.A.; Philosophy and Religion, B.A.; Politics, Economics and Law, B.A.; Psychology, B.A.; Sociology, B.A.; and Spanish Language and Culture, B.A.

Fig 3.2.7a

The screenshot shows the Aleutian Islands University Course Catalog homepage. The left sidebar includes links for Account, Student (Registration, Academics, Advisement), Course Catalog, and Logout. The main content area features three large buttons: 'Programs' (with a graduation cap icon), 'Courses' (with a book icon), and 'Departments' (with a building icon). Below these are filters for Program Type (Bachelor of Arts), School (Arts and Sciences), and Department (American Studies), with an 'Apply' button. A section titled 'Bachelor of Arts' lists two programs: 'American Studies, B.A.' and 'Media and Communications, B.A.'. Each program has a right-pointing arrow icon.

Fig 3.2.7b

The screenshot shows a search results page for the Course Catalog. The left sidebar is identical to Fig 3.2.7b. The main content area is titled 'Course Search' and displays a table of course results. The columns are Course ID, Name, Credits, Department, and Description. The table contains 10 rows of data, each with a 'View' button. The 'Description' column for each row provides a brief summary of the course content.

Course ID	Name	Credits	Department	Description
AS1152	Themes in U.S. History	4	American Studies	The course is an introduction to major issues in the history of the United States, from colonial times to the twentieth century. Topics may include: the origins of slavery and racism; industrialization and the growth of cities and suburbs; the growth of the American empire; movements for social change. Offered every semester.
AS1282	Introduction to African American Studies	4	American Studies	This is an introductory course in the themes and issues relevant to the inter-disciplinary field of African-American studies. Topics include: the origins and development of slavery and racism; African-American contributions to U.S. history; major African-American writers, artists, and thinkers; movements for political, racial, and economic equality. Offered occasionally.
AS1512	Introduction to Women's Studies	4	American Studies	Explores the development of women's lives, from childhood through adolescence to maturity. Focuses on the family, school, sexuality, and career options, and how these experiences and choices are affected by race, class, religion, ethnic origin, and gender. Readings include fiction, autobiography, history, and social science. Offered every year.
AS2020	New Media	4	American Studies	This introductory lecture course will explore new and emerging media through a variety of perspectives including history, theory and technology. Through weekly readings, class discussions, project case studies and hands-on experiments, students will examine new media storytelling strategies, including visualization and interactivity, and will explore emerging tools for production and user experience, such as virtual and augmented reality, drones and sensors. Students will also examine the implementation and manipulation of groups and include the creation of original projects and assignments. The topics will include: the history of media, the evolution of media, territorial expansion and displacement of Native Americans, and the conflicts which led to the Civil War. Novels and films represent more traditional texts. Offered every year.
AS2112	American People I	4	American Studies	History of the American people to 1877, which emphasizes the diverse experiences and perspectives of women, people of color, working people, and other historically marginalized groups. Topics include Reconstruction, the Industrial Revolution and the growth of the corporation, the creation of the working class, World Wars and American expansion, Progressivism, the Depression and the New Deal, the rise of industrial unionism, the Cold War, and the Civil Rights movement and new challenges.
AS2122	American People II	4	American Studies	History of the American people, 1865 to present, which emphasizes the diverse experiences and perspectives of women, people of color, working people, and other historically marginalized groups. Topics include Reconstruction, the Industrial Revolution and the growth of the corporation, the creation of the working class, World Wars and American expansion, Progressivism, the Depression and the New Deal, the rise of industrial unionism, the Cold War, and the Civil Rights movement and new challenges.
AS2202	Contemporary U.S. Society	4	American Studies	An introduction to social, economic and political stratification in the United States. Sources and consequences of inequality are explored through an examination of educational, political, and occupational structures. Offered every year.
AS2252	U.S. Social Movements	4	American Studies	This course explores the causal conditions, nature, and impact of progressive social movements in America. Varying sets of activist biographies and social movement histories related either by period or theme will be selected for study. Possible topics include the abolition, temperance, feminist, peace, labor, civil rights, reproductive rights, and environmental movements, offered occasionally.
AS2262	African American History I	4	American Studies	This course examines the experiences of African Americans in the development of America from the Trans-Atlantic slave trade through the Civil War. Topics include plantation slavery, politics, economics, cultural production, gender and intellectual pursuits. Emphasis on major movements and figures as well as ordinary individuals. Offered every year.
AS2263	African	4	American Studies	This course examines the experiences of African Americans in the development of America from 1865 through the twentieth century. Topics include Reconstruction,

Fig 3.2.7c

The screenshot shows the Aleutian Islands University Course Catalog interface. On the left, a dark sidebar menu includes Account, Student (Registration, Academics, Advisement, Course Catalog), and Logout. The main content area has a header "Course Catalog" with three buttons: "Programs" (with a graduation cap icon), "Courses" (with a book icon), and "Departments" (with a building icon). Below is a "Course Search" section with a table. The table has columns: Course ID, Name, Credits, Department, and Description. A single row is shown: AS2112, American People I, 4, American Studies, and a detailed description about the history of the American people to 1877. At the bottom of the table is a "View" button. Above the table are pagination controls: "Rows per page: 10" and "1-1 of 1". To the right is a search bar with "AS2112" and a "Search" button. The footer displays the university's name.

Fig 3.2.7d

This screenshot shows the same course catalog interface as Fig 3.2.7d, but the main content area now displays a list of academic departments under the heading "Arts and Sciences". The departments listed are: American Studies, Biological Sciences, Chemistry & Physics, English, History & Philosophy, Mathematics, Computer & Information Science, Modern Languages, Politics, Economics & Law, Psychology, Public Health, Sociology, and Visual Arts. Each department name is preceded by a small grey arrow pointing to the right. The top navigation and sidebar remain the same as in Fig 3.2.7d.

Fig 3.2.7e

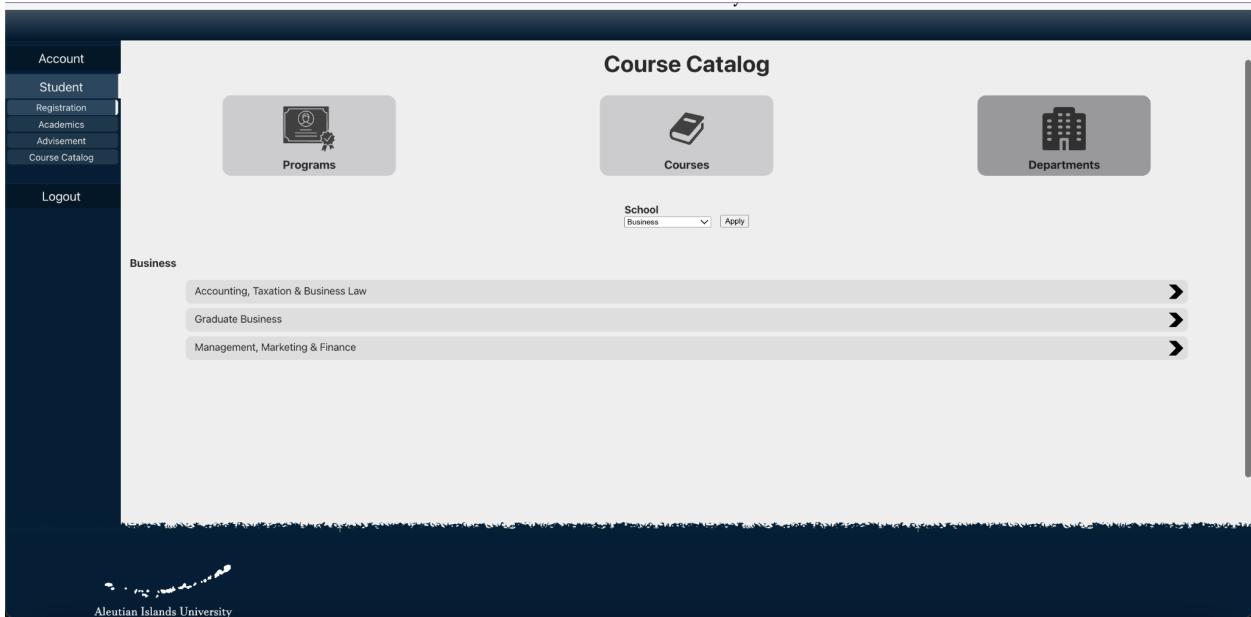


Fig 3.2.7f

3.2.7.1 Input:

- (Program) Filters including Program Type, School and Department (Fig 3.2.7a)
- (Courses) Filters by course ID (Fig 3.2.7c)
- (Departments) Filter by School (Fig 3.2.7e)

3.2.7.2 Output:

- (Program) List of programs filtered by desired inputs (Fig 3.2.7b)
- (Courses) List of courses filtered by desired Course ID (Fig 3.2.7d)
- (Departments) List of departments filtered by desired School (Fig 3.2.7e)

3.2.7.3 Exceptions:

- N/A

3.3 Student Academics

Student Academics is the main hub regarding an enrolled student's status and academic information, including their semester grades, degree audit and unofficial transcript.

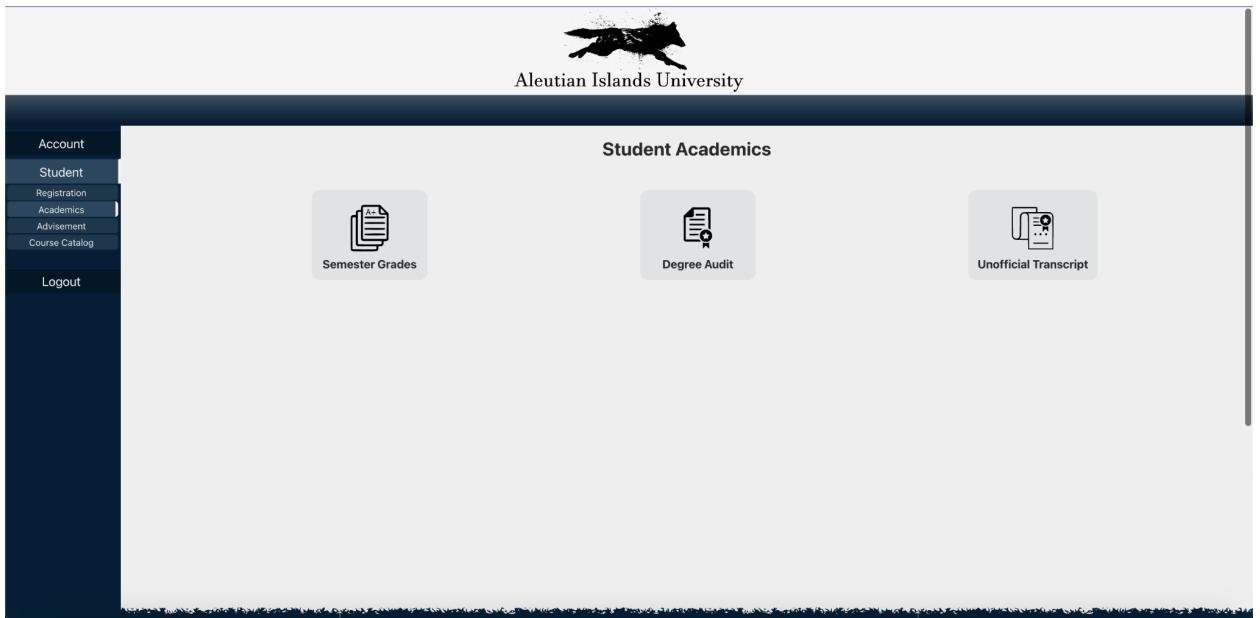


Fig 3.3 The landing page of the Student Academics Tab

3.3.1 Semester Grades

This screenshot shows the "Semester Grades" page for Fall 2022. The left sidebar has the same menu as the previous screenshot. The main table displays course information: CRN, Course ID, Grade, and Status. A dropdown menu above the table lists past semesters: Fall 2022, Spring 2022, Fall 2021, Spring 2021, and Fall 2020. The Fall 2022 option is selected. The table data is as follows:

Fig 3.3.1 Semester grades and drop down menu of previous semesters

3.3.1.1 Input:

- Selected semester for which the student wishes to see their grade

3.3.1.2 Output:

- List of courses the student has taken along with the grade they received in that course, including the current.

3.3.1.3 Exceptions:

- N/A

3.3.2 Degree Audit

The screenshot shows a degree audit interface with a sidebar menu on the left containing 'Account', 'Student', 'Registration', 'Academics', 'Advisement', and 'Course Catalog', with 'Logout' at the bottom. The main area is divided into two sections: 'Math Department Required' and 'Education Core'.
Math Department Required:
Credits Minimum: 48 Acquired: 20
Courses (list of completed courses with grades and terms):

Course	Title	Grade	Credits	Term
MA2310	Calculus & Analytic Geometry I	B	4	Spring 2021
MA2320	Calculus & Analytic Geometry II	B	4	Fall 2021
MA3030	Discrete Mathematics	B	4	Spring 2021
MA3160	Linear Algebra	B-	4	Spring 2022
MA3520	Transition to Advanced Mathematics	B	4	Spring 2022
MA5320	Advanced Calculus I	S	4	Fall 2022
MA5120	Abstract Algebra I	S	4	Fall 2022
MA4510	Geometry		4	
MA3330	Calculus and Analytic Geometry III	NA	4	Spring 2023
MA3210	Introduction to Probability and Statistics	NA	4	Spring 2023
MA3180	Foundations of Secondary School Mathematics		4	
MA2500	History of Mathematics	NA	4	Spring 2023

Education Core:
Credits Minimum: 38 Acquired: 18
Courses (list of completed courses with grades and terms):

Course	Title	Grade	Credits	Term
ED3742	Middle Childhood and Adolescence	B	4	Fall 2021
ED3820	Foundations of Special Education	B+	4	Fall 2020
ED3900	Foundations of Education	C+	4	Fall 2020
ED4230	Reading Across the Curriculum	B	4	Spring 2021
ED4251	Reading Across the Curriculum Practicum	R	9	Fall 2021

Fig 3.3.2 A degree audit of a student registered in the Adolescence Education: Math program

3.3.2.1 Input:

- N/A

3.3.2.2 Output:

- The student's degree requirements are shown alongside the list of completed courses that correspond with those requirements with their grade.

3.3.2.3 Exceptions:

- If the student is not enrolled in any programs, there will be no list of program requirements.

3.3.3 Unofficial Transcript

The screenshot shows the Advisor Console interface. On the left is a vertical sidebar with 'Account' at the top, followed by 'Admin', 'Manage Master Schedule', 'Course Catalog', and 'Manage Users'. Below that is a 'Logout' button. The main content area has a header 'Advisor Console' and 'Viewing on behalf of 300053'. A 'Back to Advisor Console' link is present. The main section is titled 'Institution Credit' and displays a table for 'Term: Fall 2022'. The table has columns: Course, Title, Grade, Credit Hours, and Quality Points. It lists four courses: AS6310 (Atlantic Slavery and Folklore, S, 3, 0), AS6410 (Video Production, S, 3, 0), HI6310 (The French Revolution (1789-1815): A Social History, S, 3, 0), and LI6000 (Introduction to Interdisciplinary Study, S, 3, 0). Below this is a 'Term Totals' table with columns: Term Totals, Attempt Hours, Passed Hours, Earned Hours, GPA Hours, Quality Points, and GPA. It shows Current Term (12.00, 12.00, 12.00, 12.00, 12.00, 12.00, 0.00) and Cumulative (12.00, 12.00, 12.00, 12.00, 12.00, 12.00, 0.00). A 'Transcript Totals' section follows, with a table having columns: Transcript Totals, Attempt Hours, Passed Hours, Earned Hours, GPA Hours, Quality Points, and GPA. It shows Overall (12.00, 12.00, 12.00, 12.00, 12.00, 12.00, 0.00).

Fig 3.3.3 Student

3.3.3.1 Input:

- N/A

3.3.3.2 Output:

- The student will be able to view all of their previous classes taken, along with the grade they received and their cumulative/current GPA

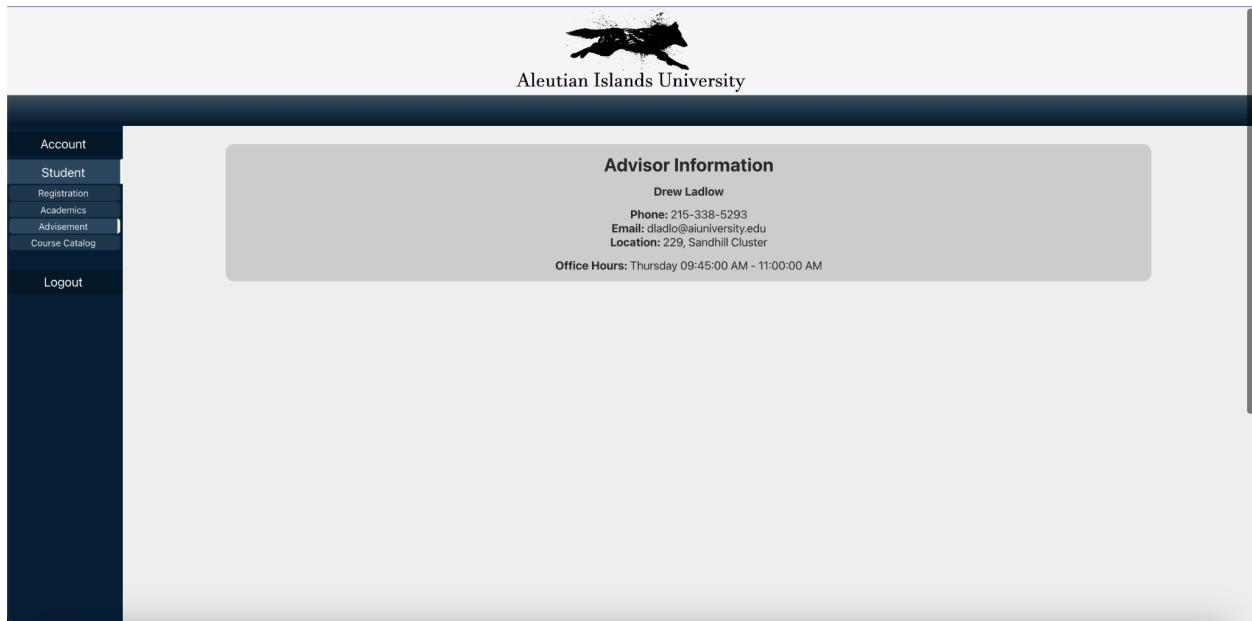
3.3.3.3 Exceptions:

- If the student has not yet taken any courses prior to this upcoming semester, then they will not have an unofficial transcript

3.4 Advisement

In Advisement, a student will be able to see the contact information of their assigned Advisor, as well as the location of their office on campus and the office hours they have. The amount of information displayed depends on the amount of programs a student is registered for.

3.4.1 Advisor Information



The screenshot shows a web interface for Aleutian Islands University. At the top, there is a logo of a running wolf and the text "Aleutian Islands University". On the left, a vertical sidebar menu lists: Account, Student, Registration, Academics, **Advisement**, and Course Catalog. Below this is a Logout link. The main content area is titled "Advisor Information" and displays the following details for Drew Ladlow:

Drew Ladlow
Phone: 216-338-5293
Email: dladd@aiuniversity.edu
Location: 229, Sandhill Cluster

Office Hours: Thursday 09:45:00 AM - 11:00:00 AM

Fig 3.4.1a Advisor information displayed for a student enrolled in one Program

The screenshot shows a web application interface for Aleutian Islands University. At the top is a header with a wolf logo and the text "Aleutian Islands University". Below the header is a dark sidebar containing links: Account, Student, Registration, Academics, Advisement, and Course Catalog. A "Logout" link is also present at the bottom of the sidebar. The main content area displays two separate sections for "Advisor Information". The first section is for "Erminie Bednall" with contact details: Phone: 847-112-8072, Email: ebedna@aiuniversity.edu, Location: 115, Pacific Cluster, and Office Hours: Thursday 08:15:00 AM - 09:30:00 AM. The second section is for "Aristotle Rossi" with contact details: Phone: 915-912-0241, Email: arossi@aiuniversity.edu, Location: 233, Vitus Bering Academic Building, and Office Hours: Monday 11:15:00 AM - 12:30:00 PM.

Fig 3.4.1b Advisor Information for a student enrolled in two programs

3.4.1.1 Input:

- N/A

3.4.1.2 Output:

- The student will see the information of their advisor(s), including their contact information, their office room number and building, and their office hours (Fig 3.4.1a & 3.4.1b)

3.4.1.3 Exceptions:

- N/A

3.5 Course Catalog

The course catalog displays all of the courses, programs and departments that exist at Aleutian Islands University, along with several filters to find the exact information the user was looking for.

3.5.1 Course Catalog

A screenshot of the Aleutian Islands University Course Catalog. The top navigation bar includes links for Account, Student, Registration, Academics, Advisement, Course Catalog, and Logout. The main title "Course Catalog" is centered above three large buttons: "Programs" (with a graduation cap icon), "Courses" (with a book icon), and "Departments" (with a building icon). Below these buttons is a search bar with dropdowns for Program Type, School, and Department, followed by an "Apply" button. The main content area is titled "Bachelor of Arts" and lists several degree programs: American Studies, B.A.; English: World Literature, B.A.; History: Social Studies, B.A.; Industrial and Labor Relations, B.A.; Media and Communications, B.A.; Philosophy and Religion, B.A.; Politics, Economics and Law, B.A.; Psychology, B.A.; Sociology, B.A.; and Spanish Language and Culture, B.A. Each program name is preceded by a right-pointing arrow.

Fig 3.5.1a

A screenshot of the Aleutian Islands University Course Catalog, similar to Fig 3.5.1a but with specific filters applied. The search bar dropdowns show "Bachelor of Arts" selected for Program Type, "Arts and Sciences" for School, and "American Studies" for Department. The "Apply" button has been clicked. The main content area now displays only two programs: American Studies, B.A. and Media and Communications, B.A., each preceded by a right-pointing arrow. The rest of the interface is identical to Fig 3.5.1a.

Fig 3.5.1b

Course Catalog

Rows per page: 10 ▾ 1–10 of 1084 < >

Course ID	Name	Credits	Department	Description
AS1152	Themes in U.S. History	4	American Studies	The course is an introduction to major issues in the history of the United States, from colonial times to the twentieth century. Topics may include: the origins of slavery and racism; industrialization and the growth of cities and suburbs; the growth of the American empire; movements for social change. Offered every semester.
AS1282	Introduction to African American Studies	4	American Studies	This is an introductory course in the themes and issues relevant to the inter-disciplinary field of African-American studies. Topics include: the origins and development of slavery and racism; African-American contributions to U.S. history; major African-American writers, artists, and thinkers; movements for political, racial, and economic equality. Offered occasionally.
AS1512	Introduction to Women's Studies	4	American Studies	Explores the development of women's lives, from childhood through adolescence to maturity. Focuses on the family, school, sexuality, and career options, and how these experiences and choices are affected by race, class, religion, ethnic origin, and gender. Readings include fiction, autobiography, history, and social science. Offered every semester.
AS2020	New Media	4	American Studies	This introductory lecture course will explore new and emerging media through a variety of perspectives including history, theory and technology. Through weekly readings, class discussions, project case studies and hands-on experiments, students will examine new media storytelling strategies, including visualization and interactivity, and will explore the impact of new media on society. Offered every year.
AS2112	American People I	4	American Studies	History of the American people to 1877, which emphasizes the diverse experiences and perspectives of women, people of color, working people, and other historically marginalized groups. Topics include the American Revolution and the Constitution, the origins and development of slavery, the development of Northern capitalism, territorial expansion and displacement of Native Americans, and the conflicts which led to the Civil War. Novels and films supplement more traditional texts. Offered every year.
AS2122	American People II	4	American Studies	History of the American people, 1865 to present, which emphasizes the diverse experiences and perspectives of women, people of color, working people, and other historically marginalized groups. Topics include Reconstruction and the Gilded Age, the Great Depression and the New Deal, the rise of industrial unions and the Civil Rights movement and new challenges of the twentieth century. Offered every year.
AS2202	Contemporary U.S. Society	4	American Studies	An introduction to social, economic and political stratification in the United States. Sources and consequences of inequality are explored through an examination of educational, political, and occupational structures. Offered every year.
AS2252	U.S. Social Movements	4	American Studies	This course explores the causal conditions, nature, and impact of progressive social movements in America. Varying sets of activist biographies and social movement histories related either by period or theme will be selected for study. Possible topics include the abolition, temperance, feminist, peace, labor, civil rights, reproductive rights, and environmental movements. Offered occasionally.
AS2262	African American History I	4	American Studies	This course examines the experiences of African Americans in the development of America from the Trans-Atlantic slave trade through the Civil War. Topics include plantation slavery, politics, economics, cultural production, gender and intellectual pursuits. Emphasis on major movements and figures as well as ordinary individuals. Offered every year.
AS2263	African	4	American Studies	This course examines the experiences of African Americans in the development of America from 1865 through the twentieth century. Topics include Reconstruction,

Fig 3.5.1c

Course Catalog

Rows per page: 10 ▾ 1–1 of 1 < >

Course ID	Name	Credits	Department	Description
AS2112	American People I	4	American Studies	History of the American people to 1877, which emphasizes the diverse experiences and perspectives of women, people of color, working people, and other historically marginalized groups. Topics include the American Revolution and the Constitution, the origins and development of slavery, the development of Northern capitalism, territorial expansion and displacement of Native Americans, and the conflicts which led to the Civil War. Novels and films supplement more traditional texts. Offered every year.

Aleutian Islands University

Fig 3.5.1d

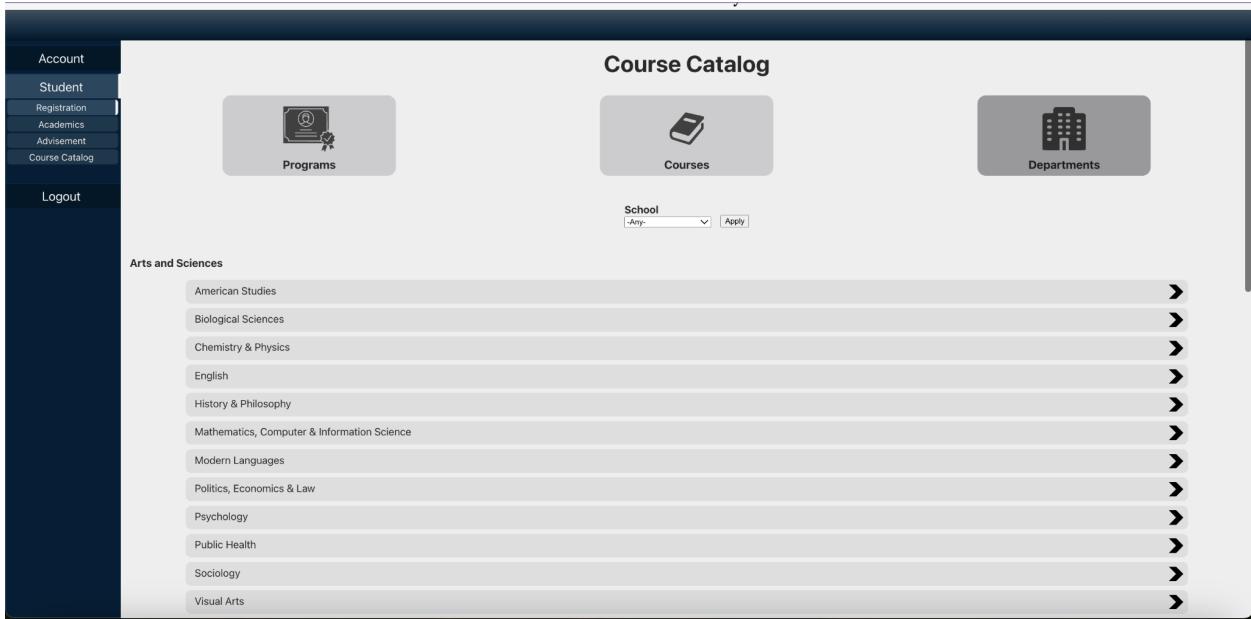


Fig 3.5.1e

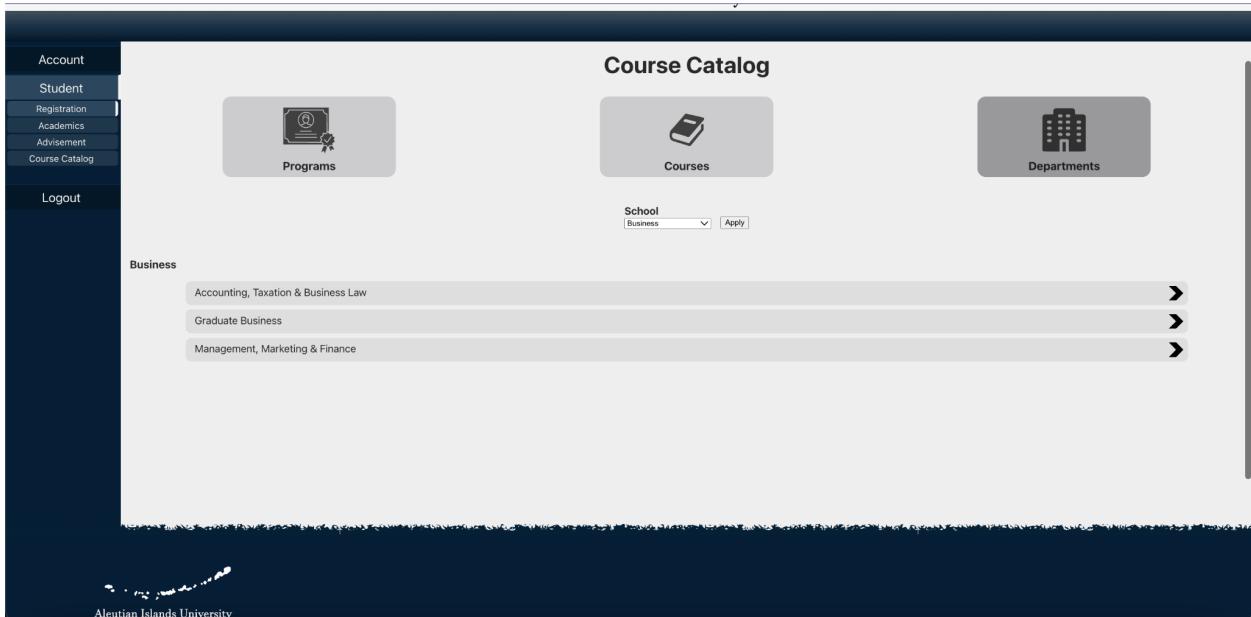


Fig 3.5.1f

3.5.1.1 Input:

- (Program) Filters including Program Type, School and Department (Fig 3.5.1a)
- (Courses) Filters by course ID (Fig 3.5.1c)
- (Departments) Filter by School (Fig 3.5.1e)

3.5.1.2 Output:

- (Program) List of programs filtered by desired inputs (Fig 3.5.1b)
- (Courses) List of courses filtered by desired Course ID (Fig 3.5.1d)
- (Departments) List of departments filtered by desired School (Fig 3.5.1e)

3.5.1.3 Exceptions:

- N/A

3. Faculty

4.1 Faculty Profile

When a user logs in with the credentials matching that of a Faculty, they are greeted with the Faculty Account Information landing page. This page displays the student's basic information, such as their name, gender, address, etc. The "Profile" page can be found on the Left hand navigation column under the "Account" tab.

4.1.1 View Faculty Profile Page



The screenshot shows a dark-themed web application interface. On the left, a vertical sidebar menu includes 'Account' (selected), 'Profile' (under 'Account'), 'Faculty', and 'Logout'. The main content area features a user profile for 'Franklyn Sweetland' with a placeholder profile picture. Below the name, there are tabs for 'About', 'Overview', 'Education', 'Residence', and 'Contact Info'. To the right of these tabs, detailed personal information is listed: Name: Mr. Sweetland, Franklyn; Role: Faculty, Full Time Assistant; Lives in: Columbia, Missouri; Gender: Male. An 'Edit' button is located at the bottom right of this information block.

Figure 4.01 View of Faculty Account Information landing page

4.1.2 Edit Personal Information:

A user can edit their personal information. Editing this information will reflect on their Account page. A user may choose to update one field or many.



This screenshot is identical to Figure 4.01, showing the Faculty Account Information landing page. However, the 'Edit' button at the bottom right of the personal information block is now circled in red, indicating it should be selected to edit the user's personal information.

Figure 4.02 Select "Edit" to edit user personal information

4.1.2.1 Input:

- First Name
- Last Name
- Phone Number
- Gender
- Honorific
- D.O.B
- House Number

- Street
- City
- State
- Country
- Zip Code

Edit Profile

First Name:	Franklynn
Last Name:	Sweetland
Phone:	573-280-9734
Gender:	Select option ▾
Honorific:	Select option ▾
Birthdate:	03 / 22 / 1993 <input type="button" value=""/>
House Number:	39
Street:	Mitchell
City:	Columbia
State:	Missouri
Country:	United States
Zip:	65211

Figure 4.03 Edit Profile form

4.1.2.2 Output:

- Information changed in “Edit Profile” form is reflected in the user’s Profile

4.1.2.3 Exception: N/A

4.2 Account

4.2.1 User password change

The user can change their own password once they have accessed their account. The password change is located in the “Account” tab under the “Account” sub-tab. When a user is changing their password, they must take into account that their new password must be between 7 and 17 characters.

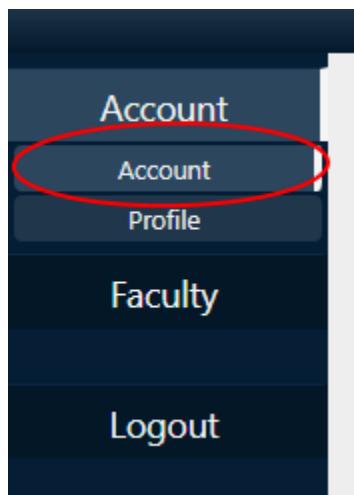


Figure 4.04 Password change located in “Account” sub-tab

4.2.1.1 Input:

- Current Password
- New Password
- “Apply” button

A screenshot of a "Change Password" form. The title "Change Password" is centered at the top in a large, bold, dark font. Below the title are two input fields: "Current Password" and "New Password", each preceded by a label and followed by an empty text input box. At the bottom of the form is a single "Apply" button.

Figure 4.05 Change password form

4.2.1.2 Output:

- Password changed to the “New Password” the user inputted

4.2.1.3 Exception:

- “Current Password” entered incorrectly
- “New Password” entered is not the appropriate length

4.3 Faculty Console

The Faculty Console includes direct access to all the functions a Faculty can do: Educator Console, Advisement, and Course Catalog. The Faculty Console is accessible by the “Faculty” Tab on the left hand navigation column. Its subcategories are also listed underneath it.



Figure 4.06 View of the Faculty Console

4.4 Educator Console

The Educator Console is accessible from the Faculty Console page and underneath the Faculty tab on the left hand navigation tab. The Educator Console includes the components: Semester Schedule, Master Schedule, and Course Catalog.

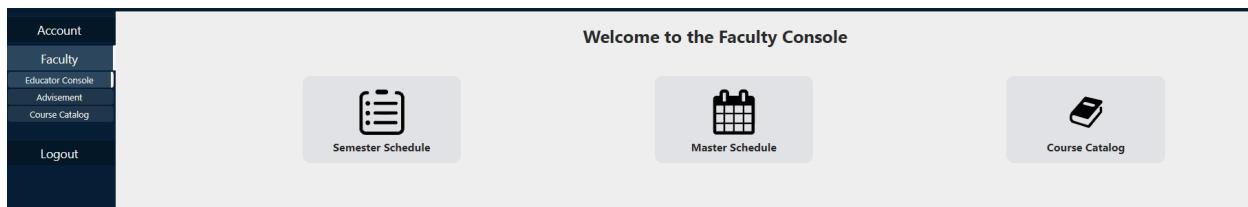


Figure 4.07 View of the Educator Console

4.5 Semester Schedule

The Faculty can view their Semester Schedule from the Educator Console. The Semester schedule shows courses they are teaching for the current and next semester. The user can also view the course section information.

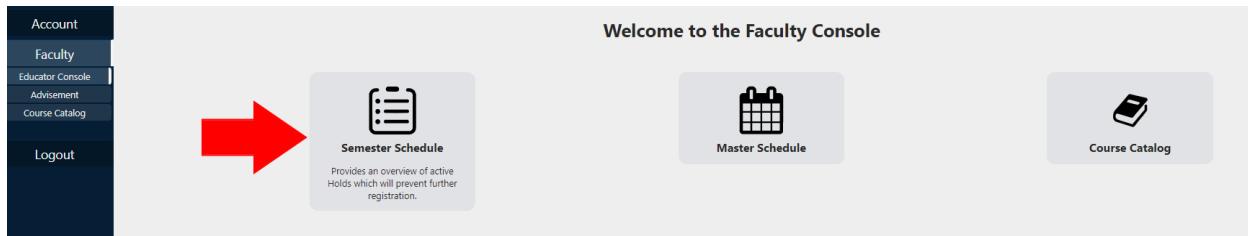


Figure 4.08 View of Semester Schedule within Educator Console

4.5.1 View Semester Schedule

A Faculty's Semester Includes the information relevant to the courses the Faculty is teaching per semester.

4.5.1.1 Input:

- Select “Semester Schedule” from Educator Console
- To view future Semester, select the semester in the drop down

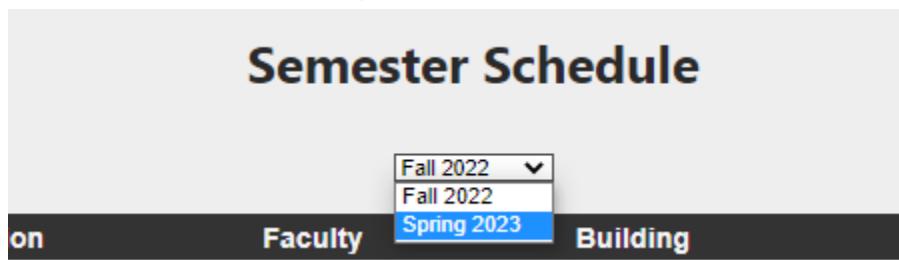


Figure 4.09 Select to view Spring 2023 Semester schedule

4.5.1.2 Output:

Semester Schedule									
	CRN	Course ID	Section	Faculty	Building	Room	Day	Start	End
View	2220461	BU5550	001	300885	Pacific Cluster	PC022	Tuesday/Thursday	11:15 AM 11:15 AM	12:30 AM 12:30 AM
View	2220467	BU7558	001	300885	Altplex Building	AB045	Tuesday/Thursday	2:15 PM 2:15 PM	3:30 PM 3:30 PM

Figure 4.1 View of user's Semesters Schedule

4.5.1.3 Exception:

- The Faculty is not teaching any course for the current or next semester

4.5.2 View Course Section Information

4.5.2.1 Input:

- “View Button”

Semester Schedule									
	CRN	Course ID	Section	Faculty	Building	Room	Day	Start	End
View	2220461	BU5550	001	300885	Pacific Cluster	PC022	Tuesday/Thursday	11:15 AM 11:15 AM	12:30 AM 12:30 AM
View	2220467	BU7558	001	300885	Altplex Building	AB045	Tuesday/Thursday	2:15 PM 2:15 PM	3:30 PM 3:30 PM

Figure 4.11 Select “View”

4.5.2.2 Output:

- Course Section Information: CRN, Course Name, Semester, CourseID, Department, Professor(User Faculty), Time/Day of Course Section, Max/Min Seats, Occupied seats
- Roster: Students who are enrolled in the course with the related attributes - User ID, First Name, Last Name, Full Time/Part Time, Grade, Grade Status
- Attendance: Attendance by day of all students in the course

Course Section Information													
Semester:	Fall 2022												
CRN:	2220461												
Course:	BU5550												
Department:	Management, Marketing & Finance												
Professor:	Franklyn Sweetland												
Location:	Pacific Cluster, Room 022												
Time:	Tuesday 11:15 AM - 12:30 AM												
	Thursday 11:15 AM - 12:30 AM												
Room Information:													
Min/Max Seats:	5 / 15												
Occupied Seats:	5												

Roster													
UID	First	Last	Time	Grade	Status								
304198	Jonis	Saltrese	Full Time	S	Midterm								
306944	Mike	Trevains	Full Time	S	Midterm								
308688	Klaus	Liddiard	Full Time	S	Midterm								
313506	Taina	Borres	Full Time	U	Midterm								
332333	Kille	Clayal	Full Time	S	Midterm								
332415	Celene	Wildbore	Full Time	S	Midterm								

Attendance																															
Student	2022-09-01	2022-09-06	2022-09-08	2022-09-13	2022-09-15	2022-09-20	2022-09-22	2022-09-27	2022-09-29	2022-09-30	2022-10-04	2022-10-06	2022-10-11	2022-10-13	2022-10-18	2022-10-20	2022-10-25	2022-10-27	2022-10-31	2022-11-03	2022-11-08	2022-11-10	2022-11-15	2022-11-17	2022-11-22	2022-11-24	2022-11-29	2022-12-01	2022-12-06	2022-12-08	2022-12-13
304198	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
306944	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
308688	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X
313506	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
332333	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
332415	✓	X	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Figure 4.12 Course Section Information/Roster/Attendance

4.5.2.3 Exception:

- If the course section has not yet started, there will be no viewable Roster or Attendance

4.6 Master Schedule

The Master Schedule is a collection of Course Sections that are being offered the current semester and the next. The User may search through the semester schedule. From the list of Course Sections, the User can also view specific details about a selected Course Section.

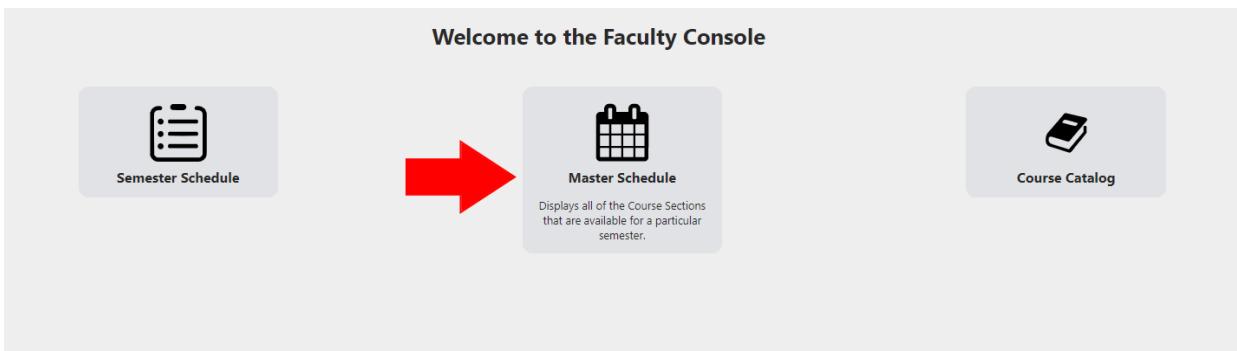


Figure 4.13 View of “Master Schedule” From Educator Console

4.6.1 View Master Schedule

The Master Schedule includes pagination functionality, allowing the user to flip through pages to view groups of Course Sections at a time.

The master schedule has a multi-search tool that allows a User to layer search items as they please. Ex. A User can search for Computer Science courses being offered only on Mondays and Wednesdays.

The screenshot shows the 'Master Schedule' interface. At the top, there is a search bar with fields for CRN, Course ID, Course Name, Instructor Name, Room, Credits, Department (set to 'All'), Days (checkboxes for Sunday through Saturday), and Periods (checkboxes for various time intervals). Below the search bar, the text 'Fall 2022' is displayed. Underneath, there is a table header with columns: CRN, Course, Credits, Name, Sec, Instr, Room, Day, Time, Min, Cap, Act, and Dept. The table lists ten course sections, each with a 'View' button. The data from the table is as follows:

CRN	Course	Credits	Name	Sec	Instr	Room	Day	Time	Min	Cap	Act	Dept
2220001	AS1512	4	Introduction to Women's Studies	001	Hazel Scranny	AB108	M W	8:45 AM - 9:00 AM 8:45 AM - 8:00 AM	5	15	15	American Studies
2220002	AS1512	4	Introduction to Women's Studies	002	Godart Dovey	AB112	M Th	8:45 PM - 9:00 PM 8:45 AM - 8:00 AM	5	15	5	American Studies
2220003	AS2112	4	American People I	001	Merralee Coldbreath	AB112	M F	8:45 PM - 9:00 PM 8:45 AM - 8:00 AM	5	15	14	American Studies
2220004	AS2112	4	American People I	002	Fidelia Harsum	SC123	M T	8:45 AM - 9:30 AM 8:45 AM - 9:30 AM	5	15	14	American Studies
2220005	AS2112	4	American People I	003	Ashley Compson	PC224	M Th	8:45 AM - 9:30 AM 8:45 AM - 9:30 AM	5	15	5	American Studies
2220006	AS2122	4	American People II	001	Dario Whisman	AB232	M F	8:45 AM - 9:30 AM 8:45 AM - 9:30 AM	5	15	15	American Studies
2220007	AS2122	4	American People II	002	Dionysus Anassis	SC123	M W	9:45 AM - 11:00 AM 9:45 AM - 11:00 AM	5	15	13	American Studies
2220008	AS2252	4	U.S. Social Movements	001	Hazel Scranny	SC141	T Th	9:45 AM - 11:00 AM 9:45 AM - 11:00 AM	5	15	5	American Studies
2220009	AS2262	4	African American History I	001	Jacinta Bullock	AB108	T F	9:45 AM - 11:00 AM 9:45 AM - 11:00 AM	5	15	15	American Studies
2220010	AS2262	4	African American History I	002	Bjorn MacRory	SC208	M W	11:15 AM - 12:30 PM 11:15 AM - 12:30 PM	5	15	8	American Studies

Figure 4.14 View of Master Schedule

4.6.2 Search Master Schedule

The screenshot shows a search interface titled "Master Schedule". At the top right is a dropdown menu labeled "Semester" with "Fall 2022" selected. Below it is a search form with fields for "CRN", "Course ID", "Course Name", "Instructor Name", "Room", and "Credits". To the right of these fields are two shaded boxes: one for "Days" containing checkboxes for Sunday through Saturday, and another for "Periods" containing checkboxes for various time intervals from 6:45 AM to 8:15 PM.

Figure 4.15 Interactive Search of the Master Schedule

4.6.7 View Course Section

4.6.6.1 Input:

- Select “View” button to the left of CRN column

Fall 2022													
CRN		Course	Credits	Name	Sec	Instr	Room	Day	Time	Min	Cap	Act	Dept
<input type="button" value="View"/>	2220001	AS1512	4	Introduction to Women's Studies	001	Hazel Scranny	AB108	M W	6:45 AM - 8:00 AM 6:45 AM - 8:00 AM	5	15	15	American Studies
<input type="button" value="View"/>	2220002	AS1512	4	Introduction to Women's Studies	002	Godart Dovey	AB112	M Th	3:45 PM - 5:00 PM 6:45 AM - 8:00 AM	5	15	5	American Studies
<input type="button" value="View"/>	2220003	AS2112	4	American People I	001	Merralee Coldbreath	AB112	M F	5:15 PM - 6:30 PM 6:45 AM - 8:00 AM	5	15	14	American Studies
<input type="button" value="View"/>	2220004	AS2112	4	American People I	002	Fidelia Harsum	SC123	M T	8:15 AM - 9:30 AM 8:15 AM - 9:30 AM	5	15	14	American Studies
<input type="button" value="View"/>	2220005	AS2112	4	American People I	003	Ashley Compton	PC224	M W	8:15 AM - 9:30 AM 8:15 AM - 9:30 AM	5	15	5	American Studies

Figure 4.16 Select “View” to view Course Section details

4.6.6.2 Output:

- View course section information

Course Section Information

Semester: Fall 2022
CRN: 2220001
Course: AS1512
Department: American Studies
Professor: Hazel Scranny
Location: Alopex Building, Room 108
Time:
Monday 6:45 AM - 8:00 AM
Wednesday 6:45 AM - 8:00 AM
Room Information:
Min/Max Seats: 5 / 15
Occupied Seats: 15

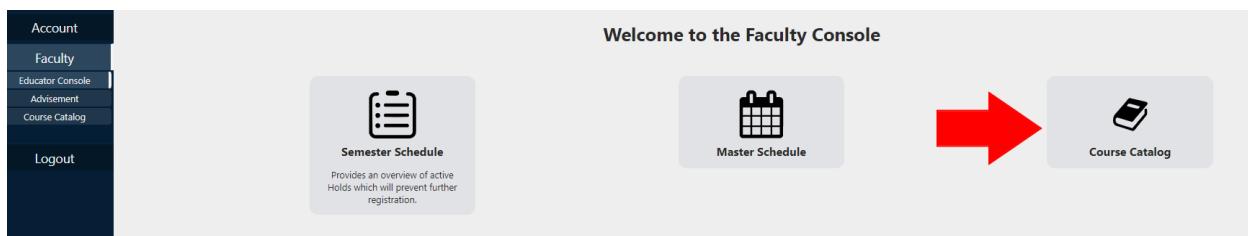
Figure 4.21 View Course Section information

4.6.6.3 Exceptions: N/A

4.7.1 View Course Catalog

4.6.6.1 Input:

Welcome to the Faculty Console

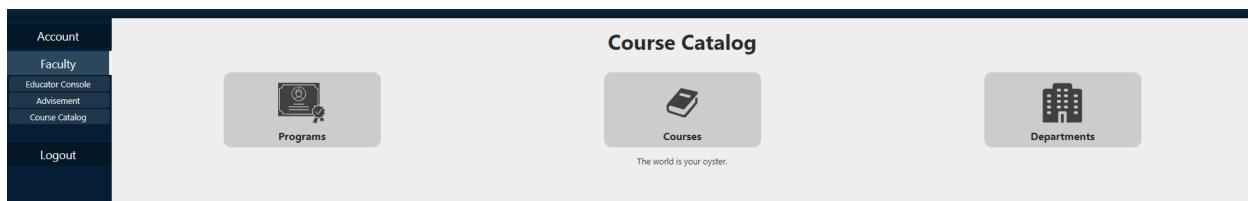


The Faculty Console interface features a sidebar with options: Account, Faculty (selected), Educator Console, Advisement, Course Catalog, and Logout. The main area displays three buttons: Semester Schedule (with a list icon), Master Schedule (with a calendar icon), and Course Catalog (with a book icon). A large red arrow points to the Course Catalog button.

Figure 4.22

4.6.6.2 Output:

Course Catalog



The Course Catalog interface has a sidebar with Account, Faculty, Educator Console, Advisement, Course Catalog, and Logout. The main content area includes three buttons: Programs (with a graduation cap icon), Courses (with a book icon), and Departments (with a building icon). Below the Courses button is the tagline "The world is your oyster."

Figure 4.23

4.6.6.3 Exceptions: N/A

4.7.2 Course Catalog - Programs

4.7.3 View Programs:

View a list of all Programs offered by the school, categorized by Program Type

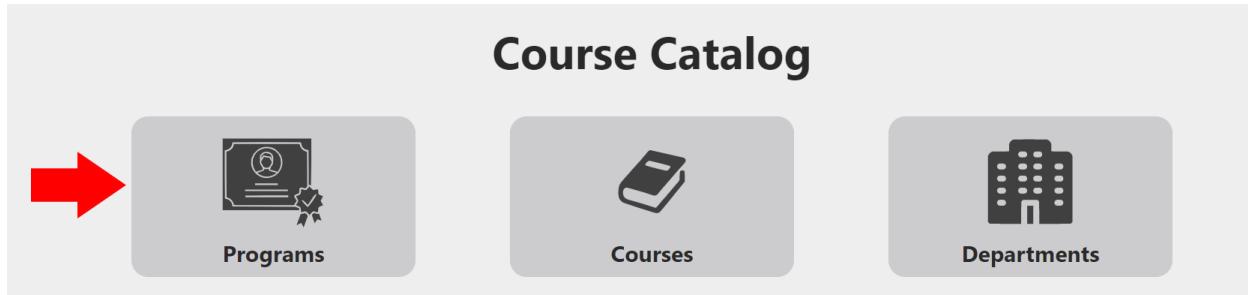


Figure 4.24

4.7.3.1 Input:

- Click "Programs" button on Course Catalog

4.7.3.2 Output:

View Searchable Programs Catalog

The image shows a 'Searchable Programs Catalog' interface. At the top, there are three dropdown menus: 'Program Type' (set to '-Any-'), 'School' (set to '-Any-'), and 'Department' (set to '-Any-'). To the right of these is an 'Apply' button. Below this, the heading 'Bachelor of Arts' is displayed. A list of programs follows, each with a right-pointing arrow icon on the right. The programs listed are: American Studies, B.A.; English: World Literature, B.A.; History: Social Studies, B.A.; Industrial and Labor Relations, B.A.; Media and Communications, B.A.; Philosophy and Religion, B.A.; Politics, Economics and Law, B.A.; and Psychology, B.A.

Figure 4.25

4.7.3.3 Exceptions: N/A

4.7.4 Search Programs by Program Type:

4.7.4.1 Input:

- Select “Program Type” drop down
- Select a Program Type
- Select “Apply” button

The screenshot shows a search interface for academic programs. At the top, there are three dropdown menus: "Program Type" (with options like "Any-", "Bachelor of Arts", "Bachelor of Science", etc.), "School" (with options like "-Any-", "American Studies", etc.), and "Department" (with options like "-Any-", "English", "History", etc.). An "Apply" button is located to the right of the department dropdown. Below these filters, the results are listed in a grid format. Each result row contains the program name and a right-pointing arrow icon. The results are:

- Bachelor of Arts
- English: World Literature, B.A.
- History: Social Studies, B.A.
- Industrial and Labor Relations, B.A.
- Media and Communications, B.A.
- Philosophy and Religion, B.A.
- Politics, Economics and Law, B.A.
- Psychology, B.A.

Figure 4.26

4.7.4.2 Output:

- View Programs of selected Program Type

Program Type	School	Department	
Bachelor of Science	-Any-	-Any-	<input type="button" value="Apply"/>

Bachelor of Science

Accounting, B.S.	>
Adolescence Education: Biology, B.S.	>
Adolescence Education: Chemistry, B.S.	>
Adolescence Education: Mathematics, B.S.	>
Biochemistry, B.S.	>
Biological Sciences, B.S.	>
Business Administration, B.S.	>
Chemistry, B.S.	>
Computer and Information Science, B.S.	>
Criminology, B.S.	>
Health & Society, B.S.	>
Marketing, B.S.	>

Figure 4.27

4.7.4.3 Exceptions: N/A

4.7.5 Search Programs by School

Each Program belongs to a School. The user can search for a Program by its School. Programs are searchable by preset values in a drop down menu.

4.7.5.1 Input:

- Select “School” drop down
- Select a School
- Select “Apply” button

Program Type	School	Department	
-Any-	-Any-	-Any-	<input type="button" value="Apply"/>

Bachelor of Arts

American Studies, B.A.	>
English: World Literature, B.A.	>
History: Social Studies, B.A.	>

The School dropdown menu is open, showing the following options: -Any-, Arts and Sciences, Business, Education, and Professional Studies. The 'Business' option is selected.

Figure 4.28

4.7.5.2 Output:

- View Programs of selected School

Program Type	School	Department	
-Any-	Business	-Any-	<input type="button" value="Apply"/>
Bachelor of Science			
Accounting, B.S. >			
Business Administration, B.S. >			
Marketing, B.S. >			
Master of Science			
Forensic Accounting, M.S. >			
Minor			
Digital Design Marketing, Minor >			
General Business, Minor >			
Marketing, Minor >			

Figure 4.29

4.7.5.3 Exceptions: N/A

4.7.6 Search Programs by Department

4.7.6.1 Input:

- Select “Department” drop down
- Select a Department
- Select “Apply” button

Program Type	School	Department	
-Any-	-Any-	-Any-	<input type="button" value="Apply"/>
Bachelor of Arts			
American Studies, B.A. >			
English: World Literature, B.A. >			
-Any- Accounting, Taxation & Business Law Adolescence Education American Studies Biological Sciences Biological Sciences Chemistry & Physics Childhood Education & Literacy English English Exceptional Education & Learning			

Figure 4.3

4.7.6.2 Output:

- View Programs of selected Department

Program Type	School	Department	
-Any-	-Any-	Adolescence Education	<input type="button" value="Apply"/>

Bachelor of Science

- Adolescence Education: Biology, B.S. 
- Adolescence Education: Chemistry, B.S. 
- Adolescence Education: Mathematics, B.S. 

Master of Arts in Teaching

- Adolescence Education: Biology, M.A.T. 
- Adolescence Education: English, M.A.T. 
- Adolescence Education: Mathematics, M.A.T. 

Figure 4.31

4.7.6.3 Exceptions: N/A

4.7.7 View Program

4.7.7.1 Input: Click on a Program

Bachelor of Science

- Accounting, B.S.** 
- Adolescence Education: Biology, B.S. 
- Adolescence Education: Chemistry, B.S. 
- Adolescence Education: Mathematics, B.S. 
- Biochemistry, B.S. 
- Biological Sciences, B.S. 

Figure 4.32

4.7.7.2 Output:

- View selected Program details

[< Go Back to Search Programs](#)

Accounting, (B.S.)

Graduates with an accounting degree will competitively qualify for positions in public accounting, private accounting, government and not-for-profit organizations.

Total Credits: 88

Departments

Accounting, Taxation & Business Law

Schools

Business

Liberal Arts

Minimum Credits: 18

Courses

- BU3071 (4cr)
- BU3905 (2cr)
- MA2300 (4cr)
- PE2420 (4cr)
- PE2430 (4cr)

Business

Minimum Credits: 30

Figure 4.33

4.7.7.3 **Exceptions:** N/A

4.7.8 Course Catalog - Courses

4.7.8 View Courses

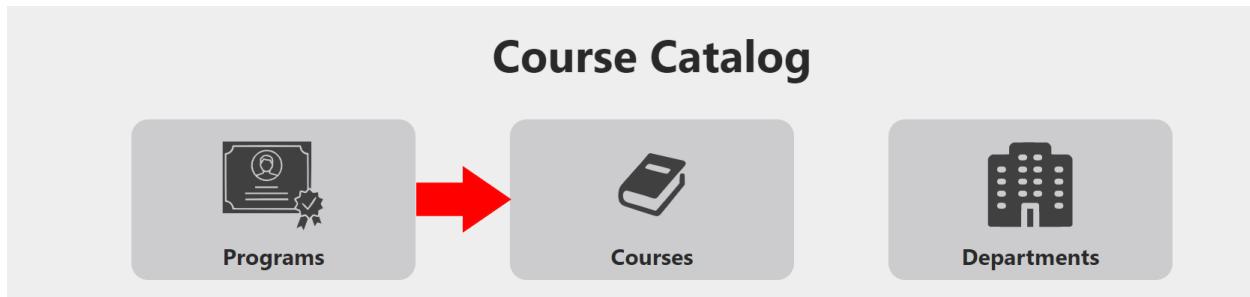


Figure 4.43

4.7.8.1 Input:

- Click “Courses” button in Course Catalog

4.7.8.2 Output:

- View Searchable Course Catalog

Course Search					
	Course ID	Name	Credits	Department	Description
View	AS5725	Senior Media Portfolio	4	American Studies	In this capstone production course, students create an online media portfolio in their chosen medium. Throughout the term, work samples are developed and improved through individualized study and regular critique. Typically
View	AS5800	Research in American History and	4	American Studies	In this course, students will learn how to do historical research including use of primary documents, archival research, quantitative methods and oral history. Using these techniques, students will then write a research paper. Offered
View	AS5862	The Journalist as Creative	4	American Studies	Many American journalists have written fiction and creative nonfiction. This course examines both types of writing and studies, for example, the works of Mark Twain, Ernest Hemingway, Joan Didion, Alex Haley, and Hunter
View	AS6310	Atlantic Slavery and Folklore	3	American Studies	This course will trace the history of the Atlantic Slave trade and the ensuing political and folkloric developments that emerged in the United States, Latin America and the Caribbean. Lending sustained attention to slave communities
View	AS6320	American Cities in the 20th Century	3	American Studies	This readings course will give graduate students an overview of both the history and the historiography of 20th century U.S. cities. The course begins with the living conditions and social world of immigrants in the early 20th
View	AS6330	Visualizing America	3	American Studies	This course examines the visual production of U.S. artists and photographers, ranging from the majesty of Hudson River school canvases to Andy Warhol's glib, late twentieth-century soup cans. The course identifies and traces central
View	AS6340	New Media Narratives	3	American Studies	The course explores new media storytelling and the sociopolitical implications of interactive and participatory narratives and examines a wide range of new media forms including: online journalism, interactive cinema, database
View	AS6350	Ethnographic Media	3	American Studies	This seminar and production class explores ethnographic media as a tool for scientific exploration, cultural definition, and artistic expression. Through weekly readings, screenings and class discussions we will address various
View	AS6360	Special Topics	3	American Studies	This course is offered on an occasional basis by Old Westbury or visiting faculty members. Topics vary depending on faculty expertise. See specific semesters for more information.

Figure 4.44

4.7.8.3 Exceptions: N/A

4.7.9 Search Course by CourseID

4.7.9.1 Input:

- Enter CourseID in the Search Bar
- Click “Search” button

Course Search				
Rows per page: 10 < > 1-10 of 1084				
Course ID	Name	Credits	Department	Description
View AS1152	Themes in U.S. History	4	American Studies	The course is an introduction to major issues in the history of the United States, from colonial times to the twentieth century. Topics may include: the origins of slavery and racism; industrialization and the growth of cities and suburbs; the growth of the American empire; movements for social change. Offered every semester.
View AS1202	Introduction to African American Studies	4	American Studies	This is an introductory course in the themes and issues relevant to the inter-disciplinary field of African-American studies. Topics include: the origins and development of slavery and racism; African-American contributions to U.S. history; major African-American writers, artists, and thinkers; movements for political, racial, and economic equality. Offered occasionally.
View AS1512	Introduction to Women's Studies	4	American Studies	Explores the development of women's lives, from childhood through adolescence to maturity. Focuses on the family, school, sexuality, and career options, and how these experiences and choices are affected by race, class, religion, ethnic origin, and gender. Readings include fiction, autobiography, history, and social science. Offered every semester.
View AS2020	New Media	4	American Studies	This introductory lecture course will explore new and emerging media through a variety of perspectives including history, theory and technology. Through weekly readings, class discussions, project case studies and hands-on experiments, students will examine new media storytelling strategies, including visualization and interactivity, and will explore

Figure 4.45

4.7.9.2 Output:

- View columns and fields related to searched CourseID

Course Search				
Rows per page: 10 < > 1-1 of 1				
Course ID	Name	Credits	Department	Description
View AS5000	Topics in U.S. History in Global	4	American Studies	This course will take an international perspective on the history of the United States. Thematic, geographic, and chronological focus will vary by instructor, but all courses will situate American history in the context of a global (or regional) historical development; compare an aspect of U.S. history with that of another country (or region), or explore the U.S.'s relationship with another country (or region). Potential topics might include: U.S. Imperialism in Puerto Rico and the Philippines; a comparative history of slavery and abolition in the

Figure 4.46

4.7.9.3 Exceptions:

- CourseID does not exist

Course Search				
Rows per page: 10 < > 0-0 of 0				
Course ID	Name	Credits	Department	Description
				X

Figure 4.47

4.8.1 Search Course by Keyword

Each course has specific details. These detailed fields are provided in the associated columns in the Course table. With the search bar, the user can search a keyword that will return courses including that keyword/words in any of the columns. These keywords can be:

- any word included in “Description”
- any word included in “Name”
- any word included in “Department”
- any two/three letter “CourseID” prefix.

Searching by a specific keyword results in displaying Courses with associated information of the columns displayed in the table.

4.8.1.1 Input:

- Enter a keyword
- Click “Search” button

4.8.1.2 Output:

- View all courses that have the word “Math” within any of the columns

Course Search				
Course ID	Name	Credits	Department	Description
View CP3230 Mathematical Methods in the Physical Sciences	3 Chemistry & Physics	3	Chemistry & Physics	Application of advanced mathematical principles to problems in the physical sciences. Topics include infinite and power series, functions of several variables, matrix and vector algebra, Fourier analysis, special functions and differential equations. Offered periodically.
View CS1010 Code Your World	4 Mathematics, Computer & Information	4	Mathematics, Computer & Information	This class is aimed at students with no prior programming experience, in any major, who wish to learn beginning programming concepts and gain confidence through an accessible project-based approach emphasizing block-based languages. In the spirit of ubiquitous computing and intrinsic motivation, the class projects will enable students to create in the context of applications that make up their world. The projects students will do include game creation, simulations design, algorithmic music composition, creation of electronically controlled objects, and more.
View CS1500 Introduction To Computer Applications	4 Mathematics, Computer & Information	4	Mathematics, Computer & Information	This course is designed to provide the student with a comprehensive introduction to PCs. Topics include fundamental concepts, hardware components, software products, trends in computing and an introduction to the Microsoft Windows environment, including the use of the mouse and file management. Issues related to the impact computers have on society and current computer technology will also be discussed. Offered every semester.
View CS1510 Advanced Computer Applications	4 Mathematics, Computer & Information	4	Mathematics, Computer & Information	This course introduces the role of computers and data processing in the business environment. Topics include essential business computer concepts. Popular PC software packages (database management software and especially electronic spreadsheets) are used to emphasize business analysis and decision-making using computers. Business and Accounting majors will appreciate our coverage of the electronic spreadsheet package, Microsoft Excel. Topics include basic spreadsheet design, entering data, formating worksheets.
View CS2510 Computer Programming I	4 Mathematics, Computer & Information	4	Mathematics, Computer & Information	An introduction to problem solving through programming. Topics include program design and analysis; algorithmic processes, fundamental techniques of program development, debugging and testing. Programming projects and applications will be written in a structured computer language. Students learn the basic language features of C++/Java to write basic intermediate level programs. Offered every semester.
View CS2511 Computer Programming II	4 Mathematics, Computer & Information	4	Mathematics, Computer & Information	Continuation of CS 2510. Discussion of methods, arrays, class and object, inheritance, polymorphism, exceptions, file operations, and GUI (Graphical User Interface) applications. Basic data structures and algorithms like insertion sort, binary search in a sorted array, and recursion may also be discussed if time allows. Students write intermediate to advanced level programs in C++/Java. Offered every semester.
View CS2521 Scientific Programming in Python	4 Mathematics, Computer & Information	4	Mathematics, Computer & Information	A fast paced introduction to program design and analysis; algorithmic processes, basic programming techniques, program specification & structure, program development, debugging and testing. Emphasis on scientific applications. Discussion of storage classes, files and string manipulation. Basic data structures and algorithms, data abstractions and object-oriented programming. Students learn the language features of Python with an eye toward scientific and data analysis applications.
View CS2610 Visual Basic and Object-Oriented	4 Mathematics, Computer & Information	4	Mathematics, Computer & Information	This course provides an introduction to Visual Basic programming language, programs, and applications. It will provide students with the critical thinking skills necessary to design and write computer programs utilizing the elements of Visual Basic. Students will learn how to develop professional real-life applications using Graphical User Interfaces and be introduced to programming topics such as objects, classes, control structures, methods, functions, string and array manipulation.
View CS3410 Interactive Multimedia Design	4 Mathematics, Computer & Information	4	Mathematics, Computer & Information	This course provides an introduction to Interactive multimedia design emphasizing animation, sound and video using Adobe Flash and ActionScript. Students will learn how to design and create professional multimedia applications for e-commerce, interactive instructional videos, and interactive web sites with rich internet applications 180 using some of the art multimedia software. Topics include the application of e-business strategies using interactive audio and video, drawing and color tools, animation, timeline effects, shape tweening, web and web forms, object-oriented programming, accessing data with ADO.NET. It also introduces basic technologies in ASP.NET. Offered every semester.
View CS3611 Advanced C#	4 Mathematics, Computer & Information	4	Mathematics, Computer & Information	This course provides an in-depth study of the skills and knowledge of C# programming. It is intended to reinforce and build upon the introductory programming course by introducing more advanced features of C# programming language and environment. Some of the advanced topics include SQL database programming, reporting scheme, programming for the web and web forms, object-oriented programming, accessing data with ADO.NET. It also introduces basic technologies in ASP.NET. Offered every semester.

Figure 4.44

4.8.1.3 Exceptions:

- Keyword/Keyword combination does not exist within the table

4.8.2 View Course Details

4.8.2.1 Input:

- Select “View” button to the left of the CourseID Column

Course Search				
Course ID	Name	Credits	Department	Description
View AS5000 Topics in U.S. History in Global	4 American Studies	4	American Studies	This course will take an international perspective on the history of the United States. Thematic, geographic, and chronological focus will vary by instructor, but all courses will situate American history in the context of a global (or regional) historical development; compare an aspect of U.S. history with that of another country (or region); or explore the U.S.'s relationship with another country (or region). Potential topics might include: U.S. Imperialism in Puerto Rico and the Philippines; a comparative history of slavery and abolition in the

Figure 4.44

4.8.2.2 Output:

- Course Details page

[< Go Back to All Courses](#)

Topics in U.S. History in Global Perspective

Course ID: AS5000

Department: American Studies

This course will take an international perspective on the history of the United States. Thematic, geographic, and chronological focus will vary by instructor, but all courses will situate American history in the context of a global (or regional) historical development, compare an aspect of U.S. history with that of another country (or region), or explore the U.S.'s relationship with another country (or region). Potential topics might include: U.S. imperialism in Puerto Rico and the Philippines; a comparative history of slavery and abolition in the Americas; the history of the U.S. in the Middle East; the American, Haitian, and French revolutions; the colonial Atlantic World; women's rights movements in the U.S. and Europe; or the global Cold War. Offered every year.

AND

OR
AS2112: 11
AS2122: 11
AS2252: 11
AS2262: 11
AS2263: 11
AS2300: 11
AS2640: 11
AS3222: 11
AS3270: 11
AS3462: 11

OR
AS2112: 11
AS2122: 11
AS2252: 11
AS2262: 11
AS2263: 11
AS2300: 11
AS2640: 11
AS3222: 11
AS3270: 11
AS3462: 11

Figure 4.5

4.8.2.3 Exceptions: N/A

4.8.3 Course Catalog - Departments

4.8.3 View Departments

View a list of all Departments offered by the school. The initial view when selecting “Departments” is a list of all departments. The user may also view details about each Department by clicking on the Department name.

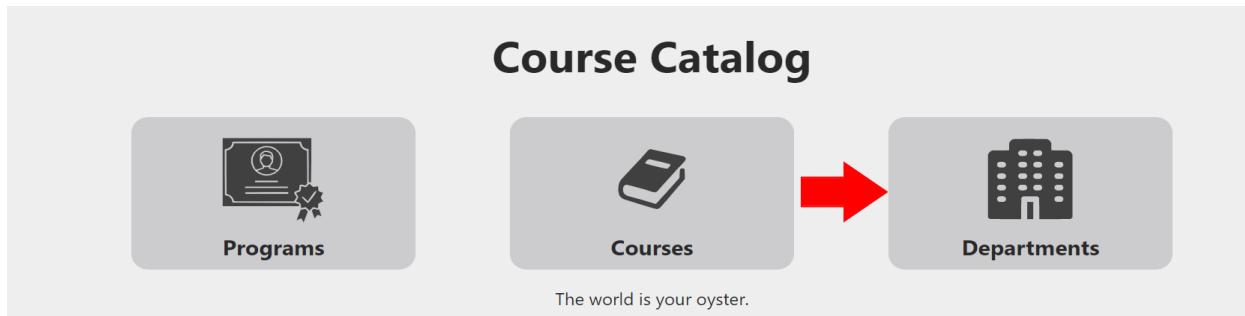


Figure 4.51

4.8.3.1 Input:

- Click “Departments” button in Course Catalog

4.8.3.2 Output:

- View Searchable Department Catalog

The screenshot shows the 'Course Catalog' interface with the 'Departments' button selected, highlighted by a red arrow. The page title is 'Course Catalog'. Below the title are three buttons: 'Programs', 'Courses', and 'Departments'. A search bar labeled 'School' with a dropdown menu set to '-Any-' and an 'Apply' button is present. The main content area displays two sections: 'Arts and Sciences' and 'Business'. Under 'Arts and Sciences', there is a list of departments: American Studies, Biological Sciences, Chemistry & Physics, English, History & Philosophy, Mathematics, Computer & Information Science, Modern Languages, Politics, Economics & Law, Psychology, Public Health, Sociology, and Visual Arts. Each item has a right-pointing arrow icon. Under 'Business', there is a list of departments: Accounting, Taxation & Business Law and Graduate Business, also with right-pointing arrow icons.

Figure 4.52

4.8.3.3 Exceptions: N/A

4.8.4 Search Department by School

Every Department is part of a School. The user can search for Departments by narrowing the search down with the “School” drop down. The “School” drop down includes a clickable list of Schools.

4.8.4.1 Input:

- Select drop down
- Select a School
- Click “Apply” button

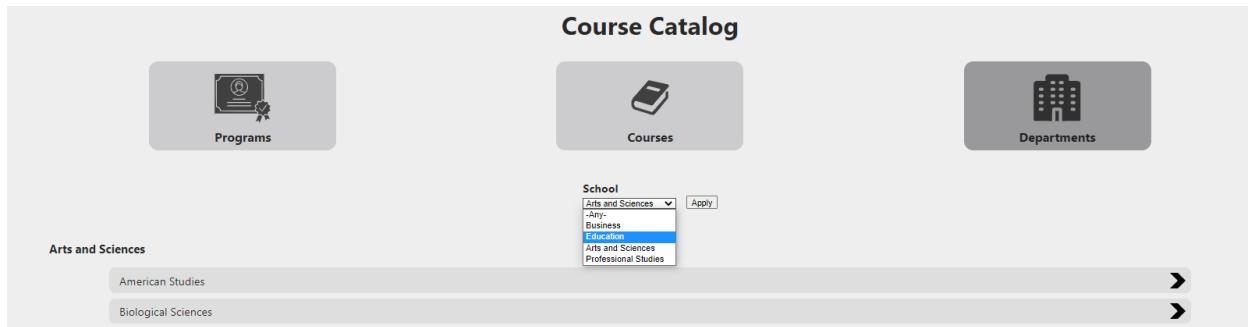


Figure 4.53

4.8.4.2 Output:

- View a list of Departments from the selected School

4.8.4.3 Exceptions: N/A

4.8.5 View a Department's Page

4.8.5.1 Input:

- Click on a Department from the list of Departments

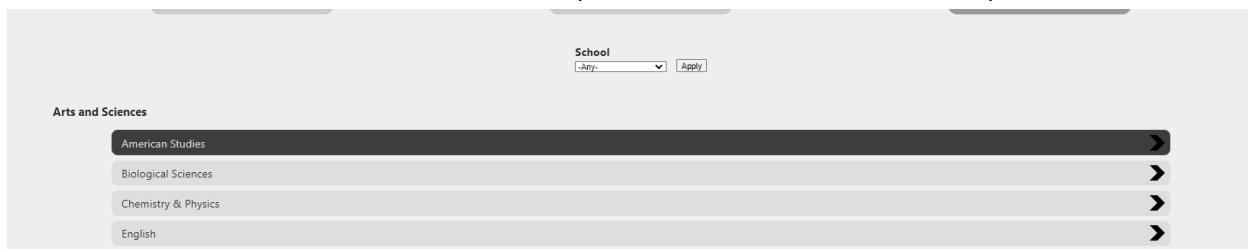


Figure 4.55

4.8.5.2 Output:

- View the selected Department's Detail page

The screenshot shows the "American Studies" department detail page. At the top left is a button labeled "< Go Back to Search Departments". The main title "American Studies" is centered at the top. Below the title is a paragraph of text about the department's offerings and mission. A section titled "Related Schools" is present, with one item listed under "Arts and Sciences". A large callout box on the right side contains sections for "Contact Information", "On-Campus Contact", and "Chairperson Contact", each listing specific details like building, room number, phone number, location, email, and name.

< Go Back to Search Departments

American Studies

The American Studies Department offers students two distinct but interconnected undergraduate majors -- American Studies and Media & Communications -- along with a graduate degree in Liberal Studies. Our programs develop within students an enhanced understanding of the meanings of citizenship and foster a critical understanding of events and issues defining the nation in the past and present.

Related Schools

Arts and Sciences In a fast-changing global society, the adaptability linked to the liberal arts has never been more relevant or more in demand in the workplace.

Contact Information

On-Campus Contact

Building: Sandhill Cluster **Room:** 226
Phone: 907-543-4521

Chairperson Contact

Chairperson: Alvie Sausman
Location: SC232
Email: asausm@aiuniversity.edu
Phone: 504-240-5598

Figure 4.56

4.8.5.3 Exceptions: N/A

4.9 Advisement

A Faculty is an Advisor to multiple students. In the Advisor console, the Faculty is able to view all information pertaining to their advisees, as well as students who are not their advisees.

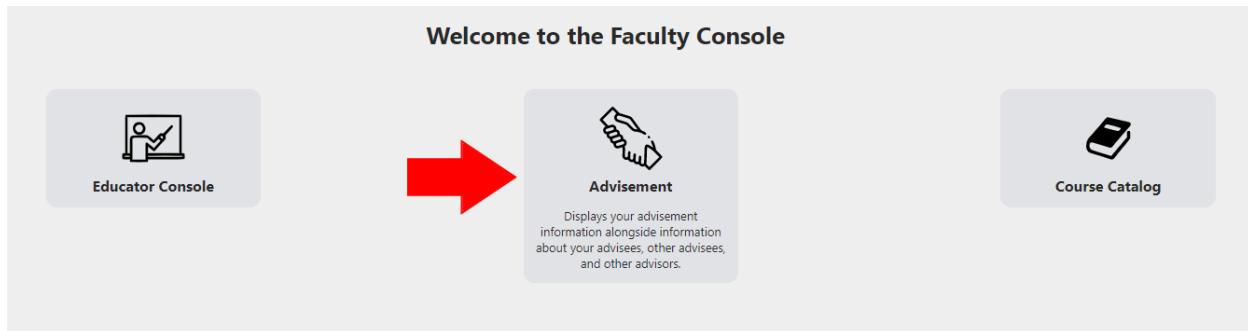


Figure 4.58 View of “Advisement” within Faculty Console

4.9.1 View Advisor Information and View Advisees

When initially viewing the Advisement page, the User is presented with their own Advisement information as well as their Advisees.

Your Advisor Information

Franklyn Sweetland

Phone: 573-280-9734
Email: fsweet@aluniversity.edu
Location: 014, Pacific Cluster

Office Hours: Wednesday 08:15:00 PM - 09:30:00 PM

View Advisees **View Advisors**

Your Advisees All Advisees

	First Name	Last Name	Phone Number	Email
View	Weber	Castellanos	559-169-5546	wcaste@aluniversity.edu
View	Anne Marie	Aspole	315-711-9381	aaspol@aluniversity.edu
View	Rosalinda	Gyngell	816-423-1242	rgynge@aluniversity.edu
View	Katerina	Caville	720-607-2002	kcaville@aluniversity.edu

Figure 4.58 Faculty is presented with their Advisement information and a list of their Advisees

4.9.2 View All Advisees

Selecting the option to view all Advisees, is essentially the same as viewing all Students, who have advisors. The User clicks on the toggle and the view is switched to viewing all advisees, instead of just their own Advisees.

4.9.2.1 Input:

- Select toggle to “All Advisees”

The screenshot shows the 'Your Advisor Information' section with details for Franklyn Sweetland. Below it is a table titled 'All Advisees' listing student information. At the bottom of the page is a toggle switch labeled 'Your Advisees' and 'All Advisees'. The 'All Advisees' option is highlighted with a red circle.

Advisee ID	Advisee First	Advisee Last	Advisee Phone	Advisee Email	Advisor ID
300016	Stephani	Wadley	313-772-6911	swadley@aiuniversity.edu	304668
300053	Kimberlyn	Nizel	831-454-1804	knizel@aiuniversity.edu	303544
300340	Peterus	Ladewig	225-548-1862	pladewig@aiuniversity.edu	309920
300360	Standford	Lowdham	526-338-9999	sloadham@aiuniversity.edu	303342
300374	Stelli	Emes	832-180-9289	semes@aiuniversity.edu	340456
300442	Derrick	Peskin	757-335-4431	dpeskin@aiuniversity.edu	375689
300477	Mickie	Scholler	816-159-6407	mscholler@aiuniversity.edu	385381
300543	Odo	Pimer	407-270-8712	opimer@aiuniversity.edu	318006
300572	Westley	Humes	513-458-4653	vhumes@aiuniversity.edu	310241

Figure 4.59 Select “View all Advisees” Toggle

4.9.2.2 Output:

- View All Students(Advisees)
-

4.9.2.3 Exceptions: N/A

4.9.3 View an Advisee

4.9.3.1 Input:

- Select “View”

Your Advisor Information

Franklynn Sweetland
Phone: 573-280-9734
Email: fsweet@aiuniversity.edu
Location: 014, Pacific Cluster

Office Hours: Wednesday 08:15:00 PM - 09:30:00 PM

[View Advisees](#) [View Advisors](#)

Your Advisees All Advisees

All Advisees

	Advisee ID	Advisee First	Advisee Last	Advisee Phone	Advisee Email	Advisor ID
View	300016	Stephani	Wadley	313-772-6911	swadle@aiuniversity.edu	304668
View	300053	Kimberlyn	Nizel	831-454-1804	knizel@aiuniversity.edu	303544
View	300340	Peterus	Ladewig	225-548-1862	pladew@aiuniversity.edu	309920
View	300360	Standford	Lowdham	526-338-9999	slovndh@aiuniversity.edu	303342
View	300374	Shelli	Emes	832-180-9289	semes@aiuniversity.edu	340456
View	300442	Derrick	Peskin	757-335-4431	dpeksi@aiuniversity.edu	375689
View	300477	Mickie	Scholler	816-159-6407	mschol@aiuniversity.edu	385381
View	300543	Odo	Pimer	407-270-8712	opimer@aiuniversity.edu	318006
View	300572	Westley	Humes	513-458-4663	whumes@aiuniversity.edu	310241

Figure 4.6 Select “View” Button

4.9.3.2 Output:

- View All information on behalf of the student selected

Advisor Console
Viewing on behalf of 300016

The screenshot shows a grid of seven icons representing different student information management functions:

- Personal Information (User icon)
- Holds (Holds icon)
- Advisement (Handshake icon)
- Degree Audit (Document icon)
- Semester Grades (Gradebook icon)
- Unofficial Transcript (Document icon)
- Semester Schedule (Calendar icon)

Figure 4.61 Viewing a Student's information

4.9.3.3 Exceptions: N/A

4.9.4 View All Advisors

Selecting the option to “View Advisors”, is essentially the same as viewing all Faculty, who are advisors. The User clicks on the button and the view is switched to viewing all Advisors.

4.9.4.1 Input:

- Select toggle to “All Advisees”

Your Advisor Information

Franklyn Sweetland

Phone: 573-280-9734
Email: fsweet@aiuniversity.edu
Location: 014, Pacific Cluster

Office Hours: Wednesday 08:15:00 PM - 09:30:00 PM

[View Advisees](#) [View Advisors](#)

All Advisors

ID	First	Last	Phone	Email
300204	Pincas	Harmer	754-145-2161	pharme@aiuniversity.edu
300531	Gwenore	Purselow	305-888-7317	gpurse@aiuniversity.edu
300885	Franklyn	Sweetland	573-280-9734	fsweet@aiuniversity.edu
301263	Erminie	Bednall	847-112-8072	ebedna@aiuniversity.edu
301272	Aristotle	Rossi	915-912-0241	arossi@aiuniversity.edu
301288	Prince	Riglesford	214-849-1495	prigle@aiuniversity.edu
301684	Pacorro	Deal	847-835-4916	pdeal@aiuniversity.edu
301879	Whitney	Barendsen	713-504-0008	wbaren@aiuniversity.edu
301967	Sophia	Warkup	229-689-2564	swarku@aiuniversity.edu
302200	Dick	Rozalski	619-325-7132	drozal.aiu@aol.com

Figure 4.62 Select “View Advisors” button

4.9.4.2 Output:

- View All Advisors

4.9.4.3 Exceptions: N/A

4.9.5 View an Advisor

4.9.5.1 Input:

- Select “View”

Your Advisor Information

Franklyn Sweetland
Phone: 573-280-9734
Email: fsweet@aiuniversity.edu
Location: 014, Pacific Cluster

Office Hours: Wednesday 08:15:00 PM - 09:30:00 PM

[View Advises](#) [View Advisors](#)

All Advisors

ID	First	Last	Phone	Email
300204	Pincas	Harmer	754-145-2161	pharme@aiuniversity.edu
300531	Gwenore	Purselow	305-888-7317	gpurse@aiuniversity.edu
300885	Franklyn	Sweetland	573-280-9734	fsweet@aiuniversity.edu
301263	Erminie	Bednall	847-112-8072	ebedna@aiuniversity.edu
301272	Aristotle	Rossi	915-912-0241	arossi@aiuniversity.edu
301288	Prince	Riglesford	214-849-1495	prigle@aiuniversity.edu
301684	Pacorro	Deal	847-835-4916	pdeal@aiuniversity.edu
301879	Whitney	Barendtsen	713-504-0008	wbaren@aiuniversity.edu
301967	Sophia	Warkup	229-669-2564	swarku@aiuniversity.edu
302200	Dick	Rozalski	619-325-7132	drozal.aiu@aol.com

Figure 4.62

4.9.5.2 Output:

- View all information on behalf of Faculty selected

Advisor Console
 Viewing on behalf of 300204



Personal Information



Advisement



Semester Schedule

Figure 4.63

4.9.5.3 Exceptions: N/A

4.9.6 Assign Student Grades

A Faculty can Assign Grades to the Students in their Course Sections. They can only do so within the time window allowable. The User Interface for assigning grades is within the “Roster” of the Course Section.

Roster					
UID	First	Last	Time	Grade	Status
300374	Shelli	Emes	Full Time	<input type="button" value="U ▾"/>	Midterm
300442	Darrick	Peskin	Full Time	<input type="button" value="S ▾"/>	Midterm
301103	Bartie	Renzullo	Full Time	<input type="button" value="S ▾"/>	Midterm
301524	Joyan	Sheriff	Full Time	<input type="button" value="S ▾"/>	Midterm
301635	Nealson	Jachimak	Full Time	<input type="button" value="S ▾"/>	Midterm
301706	Bertie	Kimschak	Part Time	<input type="button" value="S ▾"/>	Midterm
304779	Derwin	Mault	Full Time	<input type="button" value="S ▾"/>	Midterm
306124	Brittan	Enrico	Full Time	<input type="button" value="S ▾"/>	Midterm
307094	Janith	Faccini	Full Time	<input type="button" value="S ▾"/>	Midterm
307837	Sheffy	Checuzzi	Full Time	<input type="button" value="S ▾"/>	Midterm
308723	Sigismund	Witten	Part Time	<input type="button" value="S ▾"/>	Midterm
309213	Calli	Londsdale	Full Time	<input type="button" value="S ▾"/>	Midterm
320023	Milt	Brighty	Full Time	<input type="button" value="S ▾"/>	Midterm
321340	Micah	Dutteridge	Full Time	<input type="button" value="S ▾"/>	Midterm
321492	Mireille	Sanney	Part Time	<input type="button" value="S ▾"/>	Midterm

Submit

Figure 4.64 Assign Grades within Roster

4.4.9.6.1 Input:

- Set Grade appropriately to Status
- Submit

Grade	Status
<input type="button" value="U ▾"/>	Midterm
<input type="button" value="U"/>	Midterm
<input type="button" value="A"/>	Midterm
<input type="button" value="A-"/>	Midterm
<input type="button" value="B"/>	Midterm
<input type="button" value="B-"/>	Midterm
<input type="button" value="B+"/>	Midterm
<input type="button" value="C"/>	Midterm
<input type="button" value="C-"/>	Midterm
<input type="button" value="C+"/>	Midterm
<input type="button" value="CR"/>	Midterm
<input type="button" value="D"/>	Midterm
<input type="button" value="D-"/>	Midterm
<input type="button" value="D+"/>	Midterm
<input type="button" value="F"/>	Midterm
<input type="button" value="I"/>	Midterm
<input type="button" value="NA"/>	Midterm
<input type="button" value="NC"/>	Midterm
<input type="button" value="NR"/>	Midterm
<input type="button" value="W"/>	Midterm
<input type="button" value="WN"/>	Midterm
<input type="button" value="S ▾"/>	Midterm

Figure 4.65 Assign Grades

4.9.6.2 Output

Roster	UID	First	Last	Time	Grade	Status
	300374	Shelli	Emes	Full Time	<input type="button" value="U ▾"/>	Midterm

Figure 4.66 Grade Assigned

4.9.7 Assign Attendance

A Faculty is able to Assign Course Section Attendance. The attendance can only be assigned on the day it is given. It can only be changed on that day.

Student	2022-09-01	2022-09-06	2022-09-08	2022-09-13	2022-09-15	2022-09-20	2022-09-27	2022-09-29	2022-10-04	2022-10-06	2022-10-11	2022-10-13	2022-10-18	2022-10-20	2022-10-25	2022-10-27	2022-11-01	2022-11-03	2022-11-08	2022-11-10	2022-11-15	2022-11-17	2022-11-22	2022-11-24	2022-11-29	2022-12-01	2022-12-06	2022-12-08	2022-12-13	2022-12-15		
30419:	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
30694:	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
30868:	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X
31350:	✓	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
33233:	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X
33241:	✓	X	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X

Figure 4.67

4.9.7.1 Input:

- Select Check Mark (for Present) or X (for Absent) for each student in course section
- Select “Submit” to save changes

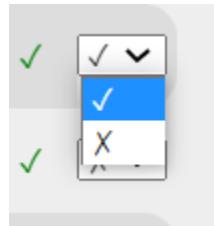


Figure 4.68

4.9.7.2 Output:

- Selections saved

Attendance		2022 12 15	2022 12 13	2022 12 08	2022 12 06	2022 12 01	2022 11 28	2022 11 24	2022 11 22	2022 11 10	2022 11 08	2022 11 03	2022 11 01	2022 10 27	2022 10 25	2022 10 20	2022 10 18	2022 10 13	2022 10 04	2022 10 11	2022 10 06	2022 09 29	2022 09 27	2022 09 22	2022 09 20	2022 09 15	2022 09 13	2022 09 08	2022 09 06	2022 09 01	Student	
	30419:	<input type="checkbox"/>	<input checked="" type="checkbox"/>																													
	30694:	<input type="checkbox"/>	<input checked="" type="checkbox"/>																													
	30868:	<input type="checkbox"/>	<input checked="" type="checkbox"/>																													
	31350:	<input type="checkbox"/>	<input checked="" type="checkbox"/>																													
	33233:	<input type="checkbox"/>	<input checked="" type="checkbox"/>																													
	33241:	<input type="checkbox"/>	<input checked="" type="checkbox"/>																													

Figure 4.69

4.9.7.2 Exceptions:

- Cannot Assign Attendance of a day that is not the current day

5.Primary Admin

5.1 Profile

When a user logs in with the credentials matching that of a Student, they are greeted with the Administrator Account Information landing page:

The screenshot shows a web application interface for Aleutian Islands University. At the top, there is a logo of a running fox and the text "Aleutian Islands University". On the left, a vertical sidebar menu includes "Account" (with "Account" and "Profile" sub-options), "Admin", and "Logout". The main content area displays a profile for "Bunny Mattosoff". It features a placeholder user icon. Below the name, there is a "About" section with links for "Overview", "Education", "Residence", and "Contact Info". To the right of this section, detailed information is listed: Name: Mrs. Mattosoff, Bunny; Role: Administrator; Lives in: Nashville, Tennessee; Gender: Female. There is also an "Edit" button. The overall design is dark-themed.

This page displays the admin's basic information, such as their name, gender, address, etc.

5.1.1 Edit Personal Information:

The screenshot shows a web-based 'Edit Profile' form. At the top, it says 'Edit Profile'. Below that is a table of input fields:

First Name:	Riley
Last Name:	Ablysta
Phone:	919 917-5043
Gender:	Select option
Honorific:	Select option
Birthday:	01/01/2001
House Number:	3
Street:	Charing Cross
City:	Sacramento
State:	California
Country:	United States
Zip:	94230

At the bottom of the form are two buttons: 'Apply' and 'Back'.

5.1.1.1 Input:

- First Name, Last Name, Phone Number, Gender, Honorific, D.O.B, House Number, Street, City, State, Country, Zip Code

5.1.1.2 Output:

- N/A

5.1.1.3 Exception:

- N/A

5.1.2 Change Password

The screenshot shows a web application interface for changing a password. At the top, there is a logo of a black wolf running to the left, followed by the text "Aleutian Islands University". Below this is a dark blue header bar containing a navigation menu on the left with options: "Account" (selected), "Profile", "Admin", and "Logout". The main content area has a white background and features a title "Change Password" centered at the top. Below the title are two input fields: "Current Password:" and "New Password:", both represented by small rectangular boxes. At the bottom of this form is a single button labeled "Apply".

5.1.2.1 Input:

- The user will input their current password and a new password of their choosing

5.1.2.2 Output:

- N/A

5.1.2.3 Exceptions:

- If the current password typed in does not match the password on file, the change will not go through
- If the new password is less than 7 characters or more than 17 characters, the change will not go through

5.2 Admin Console

The Admin Console is the main hub of all the functions an administrator can do. The Primary Administrator can not only view everything a student, a faculty member or a researcher can view, but

they can also make changes to the school and its offerings from here as well.

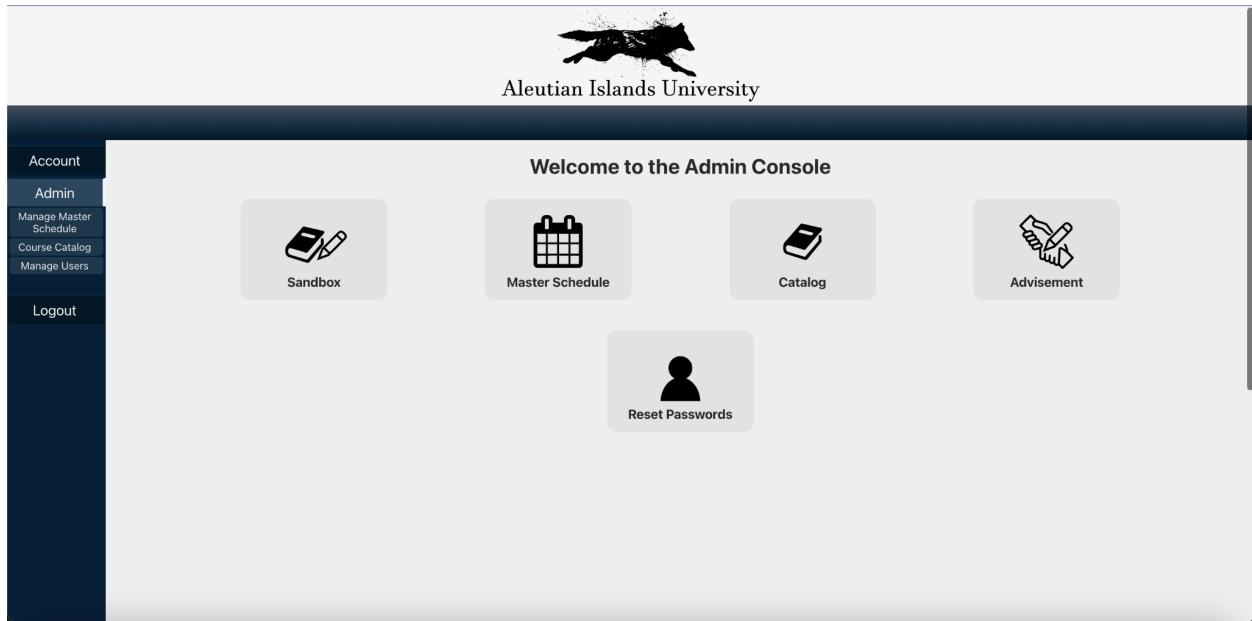


Fig 5.2 The Admin Console page

5.2.1 Admin Sandbox

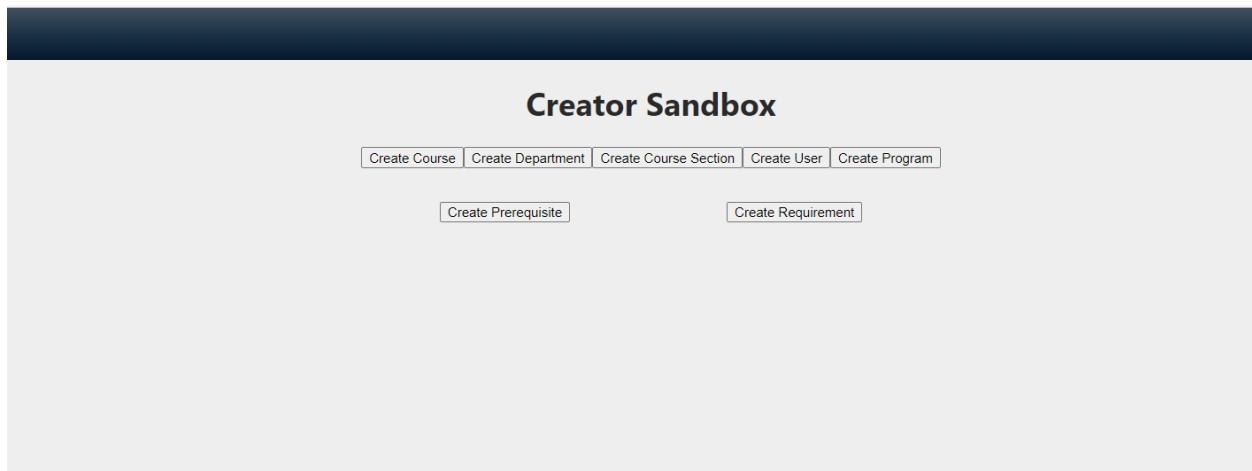


Fig 5.2.1 (Placeholder)

The Admin Sandbox is the name of the page where all the creations an Admin can do are made. This includes creating a course, creating a department, creating a course section, creating a user and creating a program.

5.2.2 Create a Course

The screenshot shows a web-based application for managing courses. At the top, a dark blue header bar displays the text "Aleutian Islands University". Below this, a sidebar on the left contains a navigation menu with the following items: "Account", "Admin" (which is currently selected), "Manage Master Schedule", "Course Catalog", and "Manage Users". At the bottom of the sidebar is a "Logout" link. The main content area is titled "Create a Course". It contains several input fields: "Course ID" (with the value "NA 1000"), "Course Name" (an empty text field), "Credits" (with the value "4"), "Department" (a dropdown menu set to "-Any-"), and "Description" (an empty text area). At the bottom right of the form are two buttons: "Create" and "Cancel".

Fig 5.2.2 The inputs for creating a course

5.2.2.1 Input:

- Course ID, Course Name, Credits, Department, Description (Fig 5.2.2)

5.2.2.2 Output:

- N/A

5.2.2.3 Exceptions:

- If a course has the same Course ID or the same Course Name as a course that already exists, the new course will not be inserted

5.2.3 Creating a Department

The screenshot shows a web-based application interface for creating a new department. At the top, a dark blue header bar displays the text "Aleutian Islands University". Below this, a vertical sidebar on the left contains a navigation menu with the following items: "Account", "Admin", "Manage Master Schedule", "Course Catalog", "Manage Users", and "Logout". The main content area is titled "Create a Department". It includes several input fields: "School" (with a dropdown menu showing "Any"), "Department Name / ID" (a text input field), "Department Room" (with a dropdown menu showing "Any"), "Chairperson" (with a dropdown menu showing "Any"), "Department Phone" (a text input field), and "Department Description" (a text input field). At the bottom of the form are two buttons: "Create" and "Cancel".

Fig 5.2.3 The inputs for creating a new Department

5.2.3.1

Input:

- School, Department Name, Chairperson, Department Phone Number and the Department Description

5.2.3.2

Output:

- N/A

5.2.3.3

Exceptions:

- If the input Department Name already matches that of an existing Department, the new Department will not be created

5.2.4 Creating a Course Section

The screenshot shows a web-based application for managing course sections. On the left, there is a dark sidebar with navigation links: 'Account', 'Admin' (which is selected), 'Manage Master Schedule', 'Course Catalog', and 'Manage Users'. Below these are 'Logout' and 'Help' links. The main content area has a title 'Create a Course Section' and a subtitle 'Create a new Course Section for Spring 2023'. It contains several input fields: 'Course ID' (dropdown menu), 'Room ID' (dropdown menu), 'Timeslot 1' (dropdown menu), 'Timeslot 2' (dropdown menu), 'Faculty' (dropdown menu), 'Minimum Seats' (text input field containing '5'), and 'Maximum Seats' (text input field containing '15'). At the bottom right are 'Create' and 'Cancel' buttons.

Fig 5.2.4 Inputs for creating a Course Section

5.2.4.1 Input:

- Course ID, Room ID, Time slots one and two, Minimum Seats and Maximum Seats

5.2.4.2 Output:

- N/A

5.2.4.3 Exceptions:

- If the Room is not available in the desired time slots, then the new Course Section will not be created

5.2.5 Create a new User

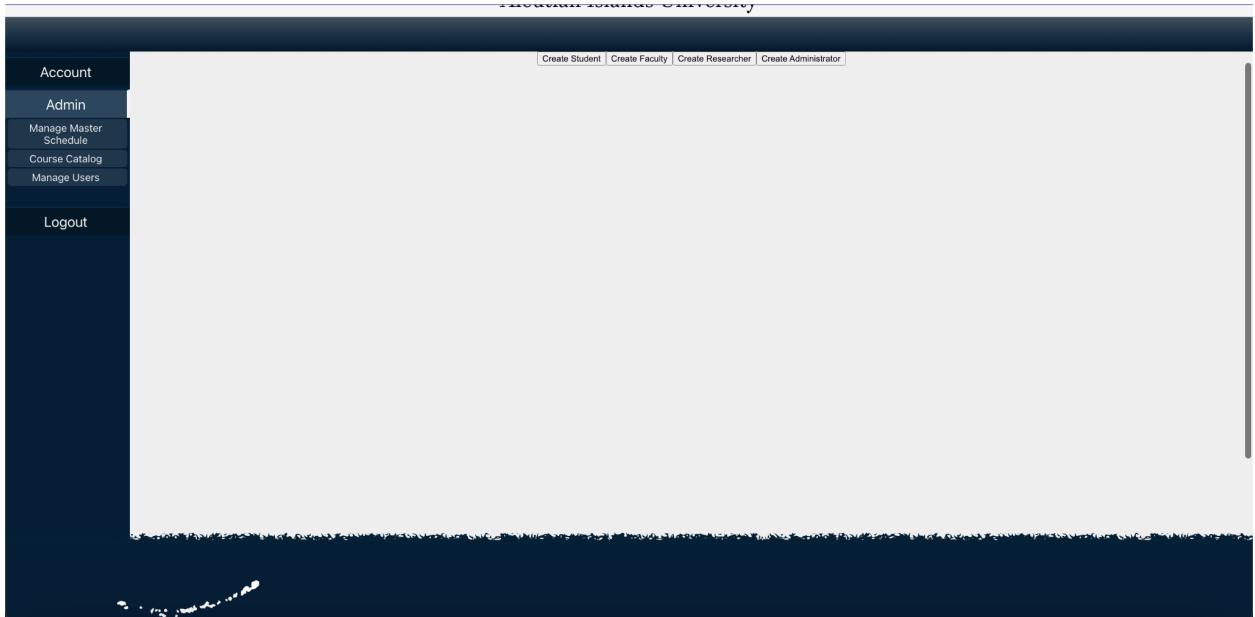


Fig 5.2.5a Different Users a Primary Admin can create

A screenshot of a 'Create Student' form. The form is titled 'Create Student' and is located in the center of the page. It contains the following fields:

- User Type: Student
- Student Type: Select option
- Graduate Level: Select option
- Student Time: Select option
- Password: (input field)
- First Name: (input field)
- Last Name: (input field)
- SSN: (input field)
- Phone: (input field)
- Gender: Select option
- Honorific: Select option
- Birthdate: mm / dd / yyyy
- House Number: (input field)
- Street: (input field)
- City: (input field)
- State: (input field)
- Country: United States
- Zip: (input field)

At the bottom right of the form, there are two buttons: 'Create' and 'Cancel'.

Fig 5.2.5b Inputs for creating a new Student user

The screenshot shows a web-based application interface for creating a new faculty user. On the left, a dark sidebar menu includes 'Account', 'Admin' (selected), 'Manage Master Schedule', 'Course Catalog', 'Manage Users', and 'Logout'. The main content area is titled 'Create Faculty'. It contains a form with the following fields:

User Type:	Faculty
Faculty Title:	Select option
Department Specialty:	Select option
Office Hours:	Select option
Rank:	Select option
Password:	[Text input field]
First Name:	[Text input field]
Last Name:	[Text input field]
SSN:	[Text input field]
Phone:	[Text input field]
Gender:	Select option
Honorific:	Select option
Birthdate:	mm / dd / yyyy
House Number:	[Text input field]
Street:	[Text input field]
City:	[Text input field]
State:	[Text input field]
Country:	United States
Zip:	[Text input field]

At the bottom right of the form are 'Create' and 'Cancel' buttons.

Fig 5.2.5c Inputs for creating a new Faculty User

The screenshot shows a web-based application interface for creating a new researcher user. The layout is identical to Fig 5.2.5c, with a dark sidebar menu on the left and a 'Create Researcher' form in the center. The 'User Type' field is set to 'Researcher'. The rest of the form fields are identical to the faculty form, including dropdowns for faculty title, department specialty, office hours, rank, gender, honorific, birthdate, and zip code, along with text input fields for first name, last name, SSN, phone number, street address, city, state, and country.

Fig 5.2.5d Inputs for creating a new Researcher User

Fig 5.2.5e Inputs for creating a new Administrator User

5.2.5.1 Input:

- (Create Student) Student Type, Student Level, Student Time, Password, First Name, Last Name, SSN, Phone Number, Gender, Honorific, Birthdate, Address Street, Address City, Address State, Address Country, Zip Code (Fig 5.2.5b)
- (Create Faculty) Faculty Time, Department Specialty, Office Hours, Rank, Password, First Name, Last Name, SSN, Phone Number, Gender, Honorific, Birthdate, Address Street, Address City, Address State, Address Country, Zip Code (Fig 5.2.5c)
- (Create Researcher) Password, First Name, Last Name, SSN, Phone Number, Gender, Honorific, Birthdate, Address Street, Address City, Address State, Address Country, Zip Code (Fig 5.2.5d)
- (Create Administrator) Priority Level, Password, First Name, Last Name, SSN, Phone Number, Gender, Honorific, Birthdate, Address Street, Address City, Address State, Address Country, Zip Code (Fig 5.2.5e)

5.2.5.2 Output:

- N/A

5.2.5.3 Exceptions:

- If a created user has the same Social Security Number as an already existing user, the new user will not be created

5.2.6 Create Program

The screenshot shows a user interface for creating a program. On the left, there's a vertical sidebar with a dark blue background containing the following menu items: Account, Admin, Manage Master Schedule, Course Catalog, Manage Users, and Logout. The 'Admin' item is currently selected. The main content area has a white background and a title 'Create a Program' at the top. Below the title are four input fields: 'Program Type' (a dropdown menu set to 'Any'), 'Department' (a dropdown menu set to 'Any'), 'Program Name' (an empty text input field), and 'Description' (an empty text input field). At the bottom of the form are two buttons: 'Create' and 'Cancel'.

Fig 5.2.6 Inputs for creating a new Program

5.2.6.1 Input:

- Program Type, Department, Program Name, Description

5.2.6.2 Output:

- N/A

5.2.6.3 Exceptions

- If a Program with the same name and type as the one being created already exists, the program will not be created.

5.2.7 Create Prerequisite

Create a Prerequisite

Course
-Any- ▾

Minimum Grade
-Any- ▾

Create **Cancel**

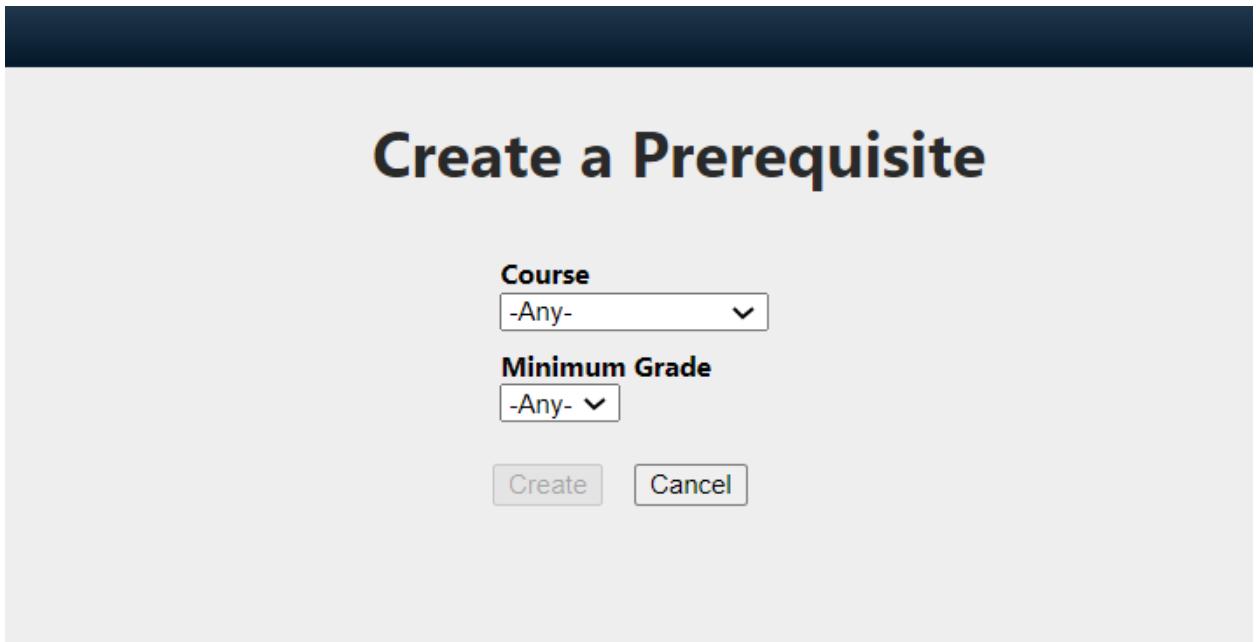


Fig 5.2.7 Inputs for creating a new Program

5.2.7.1 Input:

- Course, Minimum Grade

5.2.7.2 Output:

- N/A

5.2.7.3 Exceptions

5.2.8 Create Requirement

Create a Requirement

Course
-Any- ▾

Minimum Grade
-Any- ▾

Create **Cancel**

5.2.8.1 Input:

- Course, Minimum Grade

5.2.8.2 Output:

- N/A

5.2.8.3 Exceptions

5.2.7 Master Schedule

The screenshot shows the Aleutian Islands University Master Schedule interface for the Fall 2022 semester. The left sidebar contains navigation links for Account, Admin (Manage Master Schedule, Course Catalog, Manage Users), and Logout. The main content area is titled "Master Schedule" and includes a search bar for CRN, Course ID, Course Name, Instructor Name, Room, Credits, Department (set to "Any"), Days (Sunday through Saturday), and Periods (time slots). Below this is a table header for the Fall 2022 schedule:

CRN	Course	Credits	Name	Sec	Instr	Room	Day	Time	Min	Cap	Act	Dept
-----	--------	---------	------	-----	-------	------	-----	------	-----	-----	-----	------

One row is visible in the table body:

| 22200001 | AS1512 | 4 | Introduction to | 001 | Hazel Scramm | AR108 | M | 6:45 AM - 8:00 AM | | 5 | 15 | 15 | American Studies |

Fall 2022

Fig. 5.2.7 (a)

The screenshot shows the Aleutian Islands University Master Schedule interface for the Spring 2023 semester. The left sidebar contains navigation links for Account, Admin (Manage Master Schedule, Course Catalog, Manage Users), and Logout. The main content area is titled "Master Schedule" and includes a search bar for CRN, Course ID, Course Name, Instructor Name, Room, Credits, Department (set to "American Studies"), Days (Sunday through Saturday), and Periods (time slots). Below this is a table header for the Spring 2023 schedule:

CRN	Course	Credits	Name	Sec	Instr	Room	Day	Time	Min	Cap	Act	Dept
-----	--------	---------	------	-----	-------	------	-----	------	-----	-----	-----	------

Three rows are visible in the table body:

2310010	AS2262	4	African American History I	001	Pincas Harmer	PC146	M W	11:15 AM - 12:30 AM 11:15 AM - 12:30 AM	5	15	15	American Studies
2310012	AS2263	4	African American History II	001	Alard Yankin	PC023	W F	11:15 AM - 12:30 AM 11:15 AM - 12:30 AM	5	15	12	American Studies
2310040	AS5000	4	Topics in U.S. History in Global Perspective	002	Chet Merkel	SC120	M W	11:15 AM - 12:30 AM 11:15 AM - 12:30 AM	5	15	0	American Studies

Fig. 5.2.7 (b)

Spring 2023

Rows per page: 10 < > 1–10 of 626

CRN	Course	Credits	Name	Sec	Instr	Room	Day	Time	Min	Cap	Act	Dept
2310010	AS2262	4	African American History I	001	Pincas Harmer	PC146	M W	11:15 AM - 12:30 PM 11:15 AM - 12:30 AM	5	15	15	American Studies
2310012	AS2263	4	African American History II	001	Alard Yankin	PC023	W F	11:15 AM - 12:30 AM 11:15 AM - 12:30 AM	5	15	12	American Studies
2310013	AS2263	4	African American History II	002	Lavina West-Frimley	AB034	M W	12:45 AM - 2:00 PM 12:45 AM - 2:00 PM	5	15	5	American Studies
2310014	AS2300	4	Problems in US Environmental History	001	Rayna Bridger	PC210	T Th	12:45 AM - 2:00 PM 12:45 AM - 2:00 PM	5	15	11	American Studies
2310015	AS2640	4	U.S. Latino/a History	001	Lyndsey Corrado	AB035	W F	2:15 PM - 3:30 PM 2:15 PM - 3:30 PM	5	15	14	American Studies
2310016	AS2652	4	Media Studies	001	Krissey Baniard	AB232	M W	2:15 PM - 3:30 PM 2:15 PM - 3:30 PM	5	15	5	American Studies
2310017	AS2700	4	The Engaged Eye	001	Sebastian Hayton	VB001	T Th	2:15 PM - 3:30 PM 2:15 PM - 3:30 PM	5	15	8	American Studies
2310018	AS2802	4	Multimedia Journalism	001	Chan McRamsey	VB001	W F	3:45 PM - 5:00 PM 3:45 PM - 5:00 PM	5	15	10	American Studies
2310019	AS3100	4	American Studies Seminar	001	Stinky Donaghe	AB034	M W	5:15 PM - 6:30 PM 5:15 PM - 6:30 PM	5	15	14	American Studies
2310020	AS3222	4	Urban History	001	Lavina West-Frimley	PC146	T Th	3:45 PM - 5:00 PM 3:45 PM - 5:00 PM	5	15	14	American Studies

Aleutian Islands University

Fig. 5.2.7 (c)

Master Schedule

Semester Spring 2023

CRN	Course	Credits	Name	Sec	Instr	Room	Day	Time	Min	Cap	Act	Dept
2310010	AS2262	4	African American History I	001	Pincas Harmer	PC146	M W	11:15 AM - 12:30 PM 11:15 AM - 12:30 AM	5	15	15	American Studies
2310012	AS2263	4	African American History II	001	Alard Yankin	PC023	W F	11:15 AM - 12:30 AM 11:15 AM - 12:30 AM	5	15	12	American Studies
2310040	AS5000	4	Topics in U.S. History in Global Perspective	002	Chet Merkel	SC120	M W	11:15 AM - 12:30 PM 11:15 AM - 12:30 AM	5	15	0	American Studies

Spring 2023

Rows per page: 10 < > 1–3 of 3

Master Schedule

Semester Spring 2023

CRN	Course	Credits	Name	Sec	Instr	Room	Day	Time	Min	Cap	Act	Dept
2310010	AS2262	4	African American History I	001	Pincas Harmer	PC146	M W	11:15 AM - 12:30 PM 11:15 AM - 12:30 AM	5	15	15	American Studies
2310012	AS2263	4	African American History II	001	Alard Yankin	PC023	W F	11:15 AM - 12:30 AM 11:15 AM - 12:30 AM	5	15	12	American Studies
2310040	AS5000	4	Topics in U.S. History in Global Perspective	002	Chet Merkel	SC120	M W	11:15 AM - 12:30 PM 11:15 AM - 12:30 AM	5	15	0	American Studies

Days

- Sunday
- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday

Periods

- 11:15 AM - 12:30 AM
- 12:45 PM - 2:00 PM
- 2:15 PM - 3:30 PM
- 3:45 PM - 5:00 PM
- 5:15 PM - 6:30 PM
- 6:45 PM - 8:00 PM
- 8:15 PM - 9:30 PM

Fig. 5.2.7 (d)

Account

Admin

Manage Master Schedule

Course Catalog

Manage Users

Logout

Course Section Information

Semester: Spring 2023
CRN: 2310010
Course: AS2262
Department: American Studies
Professor: Pincas Harmer
Location: Pacific Cluster, Room 146
Time:
Monday 11:15 AM - 12:30 AM
Wednesday 11:15 AM - 12:30 AM
Room Information:
Min/Max Seats: 5 / 15
Occupied Seats: 15

Roster

UID	First	Last	Time	Grade	Status
301572	Vinnie	Foltin	Full Time	NA	Final
302717	Brannon	Forrington	Full Time	NA	Final
306336	Fredric	Colly	Full Time	NA	Final
309782	Careta	Brain	Part Time	NA	Final
314163	Laryssa	Celli	Full Time	NA	Final
318485	Sloan	Berfoot	Full Time	NA	Final
331773	Judon	Goullie	Full Time	NA	Final
332317	Joice	Billo	Full Time	NA	Final
339735	Murray	Chaldecott	Full Time	NA	Final
354972	Sindee	Ortes	Part Time	NA	Final
365374	Royce	Faraker	Full Time	NA	Final
367817	Goldarina	Cox	Full Time	NA	Final
380070	Deward	Whitley	Part Time	NA	Final
397068	Marleah	Hardman	Part Time	NA	Final
399375	Ivar	Burdett	Full Time	NA	Final

Fig 5.2.7e

Attendance

Student	2022-08-31	2022-09-05	2022-09-07	2022-09-12	2022-09-14	2022-09-19	2022-09-21	2022-09-26	2022-09-28	2022-10-03	2022-10-05	2022-10-10	2022-10-12	2022-10-17	2022-10-19	2022-10-24	2022-10-26	2022-10-31	2022-11-02	2022-11-07	2022-11-09	2022-11-14	2022-11-16	2022-11-21	2022-11-23	2022-11-28	2022-12-05	2022-12-07	2022-12-12		
300543	✓	✓	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
300961	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
311777	✓	✓	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
316358	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
323068	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
324702	✓	✓	✓	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
331773	✓	✓	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
337582	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
339004	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
343276	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
348028	✓	✓	✓	✓	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
364433	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
365374	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
367817	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
384740	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Aleutian Islands University

Fig 5.2.7f

5.2.7.1

Input:

- Filters for searching the master schedule, such as semester, department, day, period, CRN, course ID, course name, instructor name, room, credits (Fig 5.2.7a, b, c)
- If the Admin chooses to delete the course, they can click on the “Delete” button

- If the Admin chooses “View” they will be sent to the Course Section Information for that section

5.2.7.2 Output:

- The master schedule with the desired filters applied (Fig 3.2.5d)
- The Course Section Information will display all the important information of that specific section, including the roster (Fig 5.2.7e) and the attendance (Fig 5.2.7f)

5.2.7.3 Exceptions:

- If the admin tries to delete a course section while the semester is already in progress, the deletion will not go through.

5.2.8 Course Catalog

Aleutian Islands University

Course Catalog

Programs

Courses

Departments

Bachelor of Arts

Program	Action
American Studies, B.A.	>
English: World Literature, B.A.	>
History: Social Studies, B.A.	>
Industrial and Labor Relations, B.A.	>
Media and Communications, B.A.	>
Philosophy and Religion, B.A.	>
Politics, Economics and Law, B.A.	>
Psychology, B.A.	>
Sociology, B.A.	>
Spanish Language and Culture, B.A.	>

Fig 5.2.7a

Aleutian Islands University

Course Catalog

Programs

Courses

Departments

Bachelor of Science

Biological Sciences, B.S.

Program Type: Bachelor of Science | School: Arts and Sciences | Department: Biological Sciences | Apply

Fig 5.2.7b

Aleutian Islands University

Course Catalog

Programs

Courses

Departments

Course Search

Rows per page: 10 | 1–10 of 1084 | < >

Course ID	Name	Credits	Department	Description
AS1152	Themes in U.S. History	4	American Studies	The course is an introduction to major issues in the history of the United States, from colonial times to the twentieth century. Topics may include: the origins of slavery and racism; industrialization and the growth of cities and suburbs; the growth of the American empire; movements for social change. Offered every semester.
AS1282	Introduction to African American Studies	4	American Studies	This is an introductory course in the themes and issues relevant to the inter-disciplinary field of African-American studies. Topics include: the origins and development of slavery and racism; African-American contributions to U.S. history; major African-American writers, artists, and thinkers; movements for political, racial, and economic equality. Offered occasionally.
AS1512	Introduction to Women's Studies	4	American Studies	Explores the development of women's lives, from childhood through adolescence to maturity. Focuses on the family, school, sexuality, and career options, and how these experiences and choices are affected by race, class, religion, ethnic origin, and gender. Readings include classic and contemporary works by women from around the world.
AS2020	New Media	4	American Studies	This introductory lecture course will explore new and emerging media through a variety of perspectives including history, theory and technology. Through weekly readings, class discussions, project case studies and hands-on experiments, students will examine new media storytelling strategies, including visualization and interactivity, and will explore emerging tools for production and user interaction.
AS2112	American People I	4	American Studies	History of the American people to 1877, which emphasizes the diverse experiences and perspectives of women, people of color, working people, and other historically marginalized groups. Topics include the American Revolution and the Constitution, the origins and development of slavery, the development of Northern capitalism, territorial expansion and displacement of Native Americans, and the Civil War.

Search

Fig 5.2.7c

Aleutian Islands University

Course Catalog

Programs **Courses** **Departments**

Course Search

Rows per page: 10 ▾ 1–1 of 1 < >

Course ID	Name	Credits	Department	Description
CS5910	Systems Design & Implementation	4	Mathematics, Computer & Information	System feasibility studies, meeting with users, project definition, environmental analysis. Data collection, design phase, system restart and recovery. Database considerations, programming, system completion, systems parallel, benchmarks. User training and manual. Conversion planning. Students, working in groups, design and implement a significant software project. Offered every semester.

[View](#)

Fig 5.2.7d

Aleutian Islands University

Course Catalog

Programs **Courses** **Departments**

School

Arts and Sciences

- American Studies ➤
- Biological Sciences ➤
- Chemistry & Physics ➤
- English ➤
- History & Philosophy ➤
- Mathematics, Computer & Information Science ➤
- Modern Languages ➤

Fig 5.2.7e

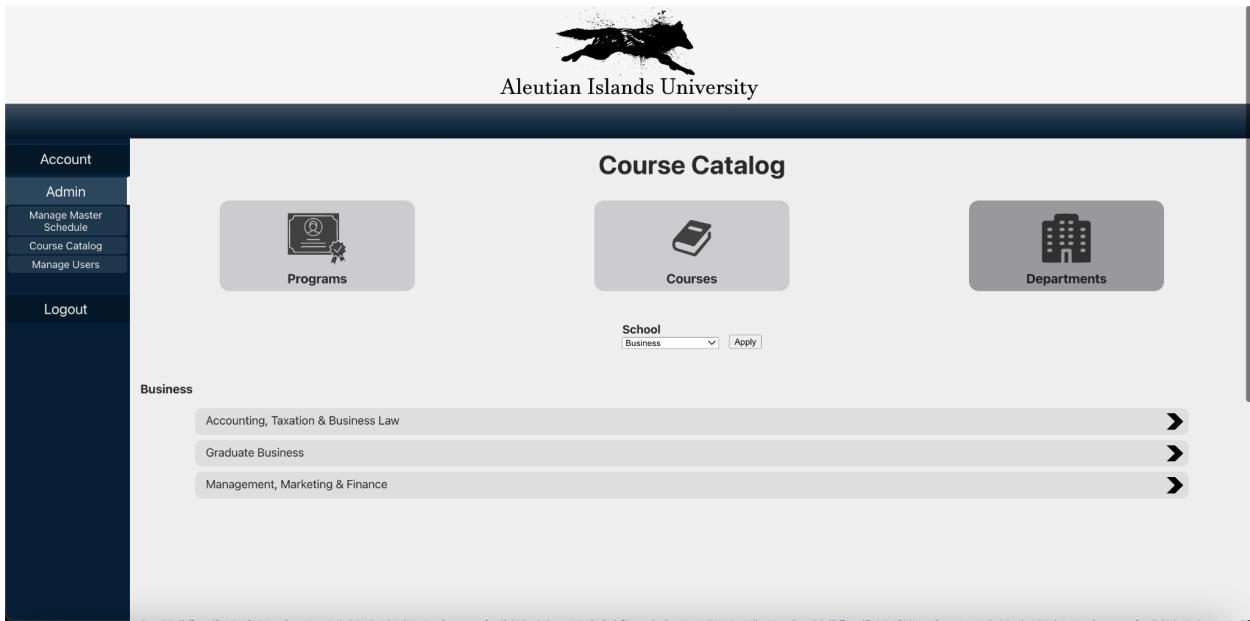


Fig 5.2.7f

5.2.8.1 Input:

- (Program) Filters including Program Type, School and Department (Fig 3.2.7a)
- (Courses) Filters by course ID (Fig 3.2.7c)
- (Departments) Filter by School (Fig 3.2.7e)

5.2.8.2 Output:

- (Program) List of programs filtered by desired inputs (Fig 3.2.7b)
- (Courses) List of courses filtered by desired Course ID (Fig 3.2.7d)
- (Departments) List of departments filtered by desired School (Fig 3.2.7e)

5.2.8.3 Exceptions:

- N/A

5.2.9 Advisement Hub (Student)

The advisement hub is the primary administrator's gateway to accessing the information and making changes to the accounts of the students and faculty on the website. Only one Primary Administrator exists on the website, with the access to create another if the need

arises. The Primary admin will be able to view all of the students in “View Advisees” (Fig 5.2.9a)

The screenshot shows the Aleutian Islands University website interface. At the top, there is a dark header bar with the university's logo (a stylized wolf) and name. Below this is a secondary navigation bar with links for Account, Admin, Manage Master Schedule, Course Catalog, Manage Users, and Logout. The main content area is titled "Administrator Advisement" and "All Advisees". It features a table with columns for Advisee ID, Advisee First, Advisee Last, Advisee Phone, Advisee Email, and Advisor ID. Each row contains a "View" button. The table has 15 rows, with a "Rows per page" dropdown set to 15 and a total of 1586 entries. Buttons for "View Advisees" and "View Advisors" are located at the top right of the table.

	Advisee ID	Advisee First	Advisee Last	Advisee Phone	Advisee Email	Advisor ID
View	300016	Stephani	Wadley	313-772-6911	swadle@aiuniversity.edu	304868
View	300053	Kimberlyn	Nizet	831-454-1804	knizet@aiuniversity.edu	303544
View	300340	Peterus	Ladewig	225-548-1862	pladew@aiuniversity.edu	309920
View	300360	Standford	Lowdham	526-338-9999	sloadh@aiuniversity.edu	303342
View	300374	Shelli	Emes	832-180-9289	semes@aiuniversity.edu	340456
View	300442	Derrick	Peskin	757-335-4431	dpeski@aiuniversity.edu	375689
View	300477	Mickie	Scholler	816-159-6407	mschol@aiuniversity.edu	385381
View	300543	Odo	Pimer	407-270-8712	opimer@aiuniversity.edu	318006

Fig 5.2.9a

The screenshot shows the Aleutian Islands University Advisor Console. The header includes the university logo and name. The left sidebar has links for Account, Admin, Manage Master Schedule, Course Catalog, Manage Users, and Logout. The main content area is titled "Advisor Console" and "Viewing on behalf of 300016". It features a grid of eight icons representing different functions: Personal Information, Holds, Advisement, Degree Audit, Semester Grades, Unofficial Transcript, Registration, and Enrollment. Each icon has a small description below it.

Fig 5.2.9b

5.2.9.1 Personal Information

The screenshot shows the Aleutian Islands University Advisor Console interface. At the top right is a logo of a black wolf running. Below it is the text "Aleutian Islands University". On the left is a dark sidebar with a navigation menu:

- Account
- Admin** (selected)
- Manage Master Schedule
- Course Catalog
- Manage Users
- Logout

The main content area has a header "Advisor Console" and "Viewing on behalf of 300016". Below this is a user profile for "Stephani Wadley" with a placeholder profile picture. The profile information includes:

Name: Mrs. Wadley, Stephani
Role: Student, Part Time Undergraduate

Lives in: Detroit, Michigan
Gender: Female

On the left side of the main content area, there is a sidebar titled "About" with links to "Overview", "Education", "Residence", and "Contact Info".

Fig 5.2.9a Student Information

The screenshot shows the "Edit Profile" page of the Aleutian Islands University Advisor Console. At the top right is a logo of a black wolf running. Below it is the text "Aleutian Islands University". On the left is a dark sidebar with a navigation menu:

- Account
- Admin** (selected)
- Manage Master Schedule
- Course Catalog
- Manage Users
- Logout

The main content area has a header "Advisor Console" and "Viewing on behalf of 300016". Below this is the title "Edit Profile". The form fields are as follows:

First Name:	Stephani
Last Name:	Wadley
Phone:	313-772-6911
Gender:	Select option ▾
Honorific:	Select option ▾
Birthdate:	08 / 06 / 1997 <input type="checkbox"/>
House Number:	333
Street:	Weeping Birch
City:	Detroit
State:	Michigan
Country:	United States
Zip:	48213

At the bottom of the form are two buttons: "Apply" and "Back".

Fig 5.2.9b Updating Student Information

5.2.9.2 Edit Personal Information:

The screenshot shows a web-based 'Edit Profile' form. At the top, it says 'Edit Profile'. Below that is a table of input fields:

First Name:	Riley
Last Name:	Abyss
Phone:	516-917-5043
Gender:	Select option
Honorific:	Select option
Birthdate:	06/02/2001
House Number:	3
Street:	Charing Cross
City:	Sacramento
State:	California
Country:	United States
Zip:	94130

At the bottom of the form are two buttons: 'Apply' and 'Back'.

Fig 5.2.9.2

5.2.9.2.1 Input:

First Name, Last Name, Phone Number, Gender, Honorific, D.O.B, House Number, Street, City, State, Country, Zip Code (Fig 5.2.9.2)

5.2.9.2.2 Output: N/A

5.2.9.2.3 Exception: N/A

5.2.9.3 Holds

The screenshot shows the Aleutian Islands University Advisor Console interface. At the top, there is a logo of a running wolf and the text "Aleutian Islands University". Below the header, the title "Advisor Console" and a sub-header "Viewing on behalf of 300016" are displayed. A navigation menu on the left includes "Account", "Admin" (which is selected), "Manage Master Schedule", "Course Catalog", "Manage Users", and "Logout". A link "[< Back to Advisor Console](#)" is located just below the header. The main content area is titled "Student Holds" and contains a table with three columns: "Name", "Description", and "Issue Date". A note at the bottom states: "Please note: Any active Holds on your account, listed above, must be resolved before you may partake in registration."

Fig 5.2.9.36a

The screenshot shows the Aleutian Islands University Student Console interface. At the top, there is a logo of a running wolf and the text "Aleutian Islands University". Below the header, the title "Student Holds" is displayed. A navigation menu on the left includes "Account", "Student" (which is selected), "Registration", "Academics", "Advisement", "Course Catalog", and "Logout". A note at the bottom states: "Please note: Any active Holds on your account, listed above, must be resolved before you may partake in registration." A red exclamation mark icon is visible near the top left of the main content area.

Fig 5.2.9.3b

5.2.9.3.1 Input:

- N/A

5.2.9.3.2 Output:

- A list of a student's holds if they have them on their account (Fig 3.2.6b)

5.2.9.3.3 Exceptions:

- If a student has no holds on their account, then there are no holds shown (Fig 3.2.6a)

5.2.9.4 Student Advisement

The screenshot shows the Aleutian Islands University Advisor Console. At the top, there is a logo of a running wolf and the text "Aleutian Islands University". On the left, a vertical navigation menu includes "Account", "Admin" (which is selected), "Manage Master Schedule", "Course Catalog", "Manage Users", and "Logout". The main content area is titled "Advisor Console" and "Viewing on behalf of 300016". A button "Back to Advisor Console" is visible. Below this, a section titled "Advisor Information" displays details for "Krissey Baniard":
Phone: 513-539-7623
Email: kbania@aiuniversity.edu
Location: 006, Sandhill Cluster
Office Hours: Wednesday 11:15:00 AM - 12:30:00 PM

Fig 5.2.9.4a Advisor information displayed for a student enrolled in one Program

The screenshot shows the Aleutian Islands University Advisor Console. The left navigation menu includes "Account", "Student" (selected), "Registration", "Academics", "Advisement" (which is highlighted with a red box), and "Course Catalog". The "Logout" option is also present. The main content area displays two sections titled "Advisor Information". The first section is for "Erminie Bednall":
Phone: 847-112-8072
Email: ebedna@aiuniversity.edu
Location: 115, Pacific Cluster
Office Hours: Thursday 08:15:00 AM - 09:30:00 AM. The second section is for "Aristotle Rossi":
Phone: 915-912-0241
Email: arossi@aiuniversity.edu
Location: 233, Vitus Bering Academic Building
Office Hours: Monday 11:15:00 AM - 12:30:00 PM

Fig 5.2.9.4b Advisor Information for a student enrolled in two programs

5.2.9.4.1 Input:

- N/A

5.2.9.4.2 Output:

- The Primary Admin will see the information of the student's advisor(s), including their contact information, their office room number and building, and their office hours (Fig 5.2.9.4a & 5.2.9.4b)

5.2.9.4.3 Exceptions:

- N/A

5.2.9.5 Degree Audit

The screenshot shows a student's degree audit report. On the left is a dark sidebar with navigation links: Account, Student, Registration, Academics, Advisement, Course Catalog, and Logout. The main content area has two sections: "Math Department Required" and "Education Core".

Math Department Required
Credits Minimum: 48 Acquired: 20

Courses	Course	Title	Grade	Credits	Term
MA2310	Calculus & Analytic Geometry I	B	4	Spring 2021	
MA2320	Calculus & Analytic Geometry II	B	4	Fall 2021	
MA3030	Discrete Mathematics	B	4	Spring 2021	
MA3160	Linear Algebra	B+	4	Spring 2022	
MA3520	Transition to Advanced Mathematics	B	4	Spring 2022	
MA3520	Advanced Calculus I	S	4	Spring 2022	
MA5120	Abstract Algebra I	S	4	Fall 2022	
MA5120	Geometry		4	Fall 2022	
MA3330	Calculus and Analytic Geometry III	NA	4	Spring 2023	
MA3210	Introduction to Probability and Statistics	NA	4	Spring 2023	
MA3180	Foundations of Secondary School Mathematics		4	Spring 2023	
MA2500	History of Mathematics	NA	4	Spring 2023	

Education Core
Credits Minimum: 38 Acquired: 18

Courses	Course	Title	Grade	Credits	Term
ED3742	Middle Childhood and Adolescence	B	4	Fall 2021	
ED3820	Foundations of Special Education	B+	4	Fall 2020	
ED3900	Foundations of Education	C+	4	Fall 2020	
ED4230	Reading Across the Curriculum	B	4	Spring 2021	
ED4231	Reading Across the Curriculum Practicum	B-	2	Fall 2021	

Fig 5.2.9.5 Degree Audit of a student, with checks for fulfilled courses

5.2.9.5.1 Input:

- N/A

5.2.9.5.2 Output:

- The student's degree requirements are shown alongside the list of completed courses that correspond with those requirements with their grade.

5.2.9.5.3 Exceptions:

- If the student is not enrolled in any programs, there will be no list of program requirements.

5.2.9.6 Semester Grades

The screenshot shows the Aleutian Islands University Advisor Console interface. At the top, there is a logo of a wolf and the text "Aleutian Islands University". Below the logo, the title "Advisor Console" and a subtext "Viewing on behalf of 300477" are displayed. On the left side, a vertical navigation menu is visible with options: Account, Admin (selected), Manage Master Schedule, Course Catalog, Manage Users, and Logout. In the center, under the heading "Semester Schedule", there is a table titled "Fall 2022". The table lists three courses with their details:

	CRN	Course ID	Section	Faculty	Building	Room	Day	Start	End
View	2220258	MA2080	001	364351	Sandhill Cluster	SC141	Wednesday Friday	2:15 PM 2:15 PM	3:30 PM 3:30 PM
View	2220259	MA2090	001	319340	Pacific Cluster	PC022	Monday Tuesday	3:45 PM 3:45 PM	5:00 PM 5:00 PM
View	2220433	BU3600	001	356189	Pacific Cluster	PC238	Tuesday Wednesday	6:45 PM 6:45 AM	8:00 PM 8:00 AM

Fig 5.2.9.6

5.2.9.6.1 Input:

- Select the semester of the schedule you'd like to see (dropdown menu in Fig 3.2.4)

5.2.9.6.2 Output:

- Semester schedule of desired course

5.2.9.6.3 Exceptions:

- N/A

5.2.9.7 Unofficial Transcript

The screenshot shows the Advisor Console interface. On the left, a sidebar menu includes Account, Admin, Manage Master Schedule, Course Catalog, Manage Users, and Logout. The main content area is titled "Institution Credit". It displays a table of courses taken in Fall 2022, followed by a summary table for term totals, and finally transcript totals.

Course	Title	Grade	Credit Hours	Quality Points
AS6310	Atlantic Slavery and Folklore	S	3	0
AS6410	Video Production	S	3	0
HI6310	The French Revolution (1789-1815): A Social History	S	3	0
LI6000	Introduction to Interdisciplinary Study	S	3	0

Term Totals	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term	12.00	12.00	12.00	12.00	12.00	0.00
Cumulative	12.00	12.00	12.00	12.00	12.00	0.00

Transcript Totals	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Overall	12.00	12.00	12.00	12.00	12.00	0.00

Fig 5.2.9.7 Student Unofficial Transcript

5.2.9.7.1 Input:

- N/A

5.2.9.7.2 Output:

- The student will be able to view all of their previous classes taken, along with the grade they received and their cumulative/current GPA

5.2.9.7.3 Exceptions:

- If the student has not yet taken any courses prior to this upcoming semester, then they will not have an unofficial transcript

5.2.9.8 Course Registration

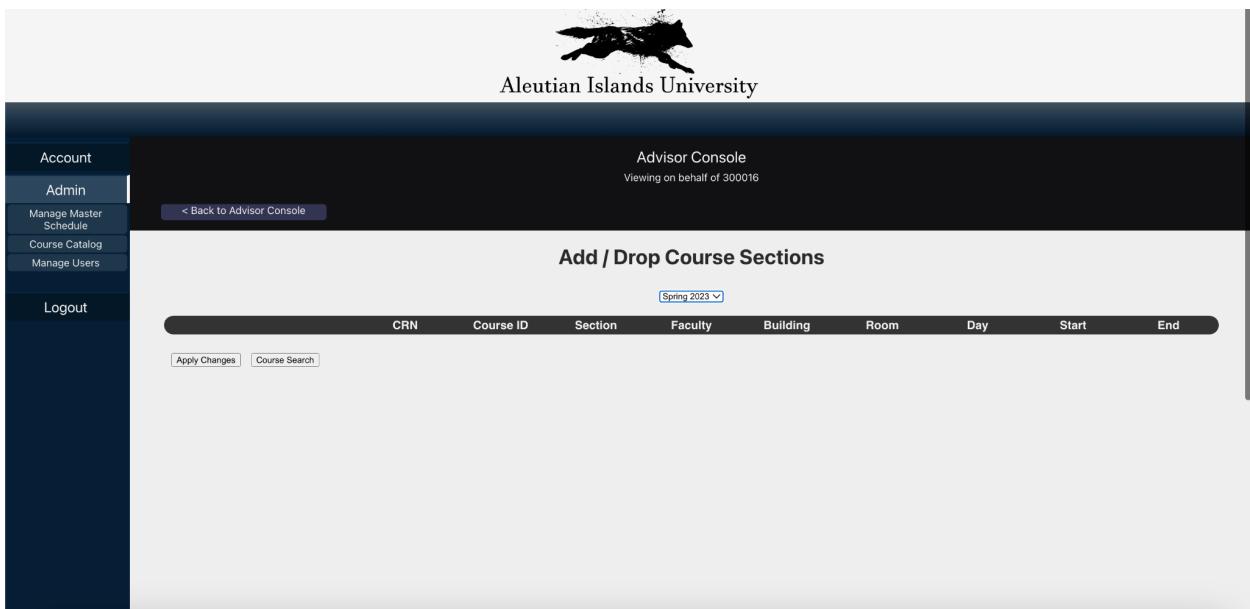


Fig 5.2.9.8 (a)

The screenshot shows the Aleutian Islands University Course Catalog interface. The title "Registration Course Search" is at the top. A search form includes fields for "CRN", "Course ID", "Course Name", "Instructor Name", "Room", and "Credits", along with dropdowns for "Department" (set to "Any") and "Days" (Sunday through Saturday). To the right is a list of "Periods" with checkboxes for various time slots. Below the search form, a section titled "Spring 2023" displays course results. The results table has columns: CRN, Course, Credits, Name, Sec, Instr, Room, Day, Time, Min, Cap, Act, and Dept. The first four rows of data are:

CRN	Course	Credits	Name	Sec	Instr	Room	Day	Time	Min	Cap	Act	Dept
2310010	AS2262	4	African American History I	001	Pincas Harmer	PC146	M W	11:15 AM - 12:30 AM 11:15 AM - 12:30 AM	5	15	15	American Studies
2310012	AS2263	4	African American History II	001	Alard Yankin	PC023	W F	11:15 AM - 12:30 AM 11:15 AM - 12:30 AM	5	15	12	American Studies
2310013	AS2263	4	African American History II	002	Lavina West-Frimley	AB034	M W	12:45 PM - 2:00 PM 12:45 AM - 2:00 PM	5	15	5	American Studies
2310014	AS2300	4	Problems in US Environmental History	001	Rayna Bridden	PC210	T Th	12:45 AM - 2:00 PM 12:45 AM - 2:00 PM	5	15	11	American Studies

Fig 5.2.9.8 (b)

5.2.9.8.1 Input:

- Selecting the Action that needs to be made to an existing course section (dropping) (Fig 5.2.9.8 a)
- Selecting to search for a course to add (Fig 5.2.9.8 b)

5.2.9.8.2 Output:

- Updated list of courses

5.2.9.8.3 Exceptions:

- If holds exist on the account, the registration will not go through.
- If there is a time slot conflict with an existing course section, the registration will not go through.
- If the prerequisites for this course have not been met, the registration will not go through.
- If the course has already been taken & passed, the registration will not go through.
- If the course is already being taken this semester, the registration will not go through
- If the time window for registration has passed, the registration will not go through
- If the credit limit for the semester has been met, the registration will not go through
- If the seats for the section are filled entirely, the registration will not go through

5.2.9.9 Program Enrollment

Advisor Console
Viewing on behalf of 300016

Program Enrollment

Primary Program: Industrial and Labor Relations

Primary Advisor: - Any -

(301263) Erminie Bednall
(304318) Kylle Polden
(308307) Sheila Philippaull
(309157) Teddy Tallent
(310453) Fonzie Pancast
(313084) Carolin Serck
(317966) Royall Cham
(320413) Min Garling
(324803) Nannette Tarn
(325220) Otto Drohan
(327991) Bennie Appleford
(329820) Giffy Bourchier
(331476) Gabriello Crewes
(331557) Cilka Mulran
(337098) Rory Moorerud

Secondary Program: - Any -

Secondary Advisor: - Any -

Apply

Fig 5.2.9.9 (a)

Advisor Console
Viewing on behalf of 302530

Program Enrollment

Primary Program: - Any -

Primary Advisor: - Any -

Apply

Fig 5.2.9.9 (b)

5.2.9.9.1 Input:

- (Undergraduate Student) Select one or more program(s) to enroll in and the advisors for those programs (Fig. 5.2.9.9a)
- (Graduate Student) Select a program to enroll in and the advisor for that program (Fig. 5.2.9.9b)

5.2.9.9.2 Output:

- N/A

5.2.9.9.3 Exceptions:

- If a student is an undergraduate student, they may not enroll in a graduate program and vice versa
- An Undergraduate may not enroll in more than two programs
- A Graduate student may not enroll in more than one program

5.2.9.10 Semester Schedule

The screenshot shows the Aleutian Islands University Advisor Console interface. At the top, there is a logo of a wolf and the text "Aleutian Islands University". The left sidebar has a dark blue background with white text, listing navigation options: Account, Admin, Manage Master Schedule, Course Catalog, Manage Users, and Logout. The main content area has a light gray background. It displays the title "Advisor Console" and "Viewing on behalf of 300477". Below this is a button labeled "< Back to Advisor Console". The main section is titled "Semester Schedule" and shows a table for "Fall 2022". The table has columns for CRN, Course ID, Section, Faculty, Building, Room, Day, Start, and End. There are three rows of data:

	CRN	Course ID	Section	Faculty	Building	Room	Day	Start	End
View	2220258	MA2080	001	364351	Sandhill Cluster	SC141	Wednesday Friday	2:15 PM 2:15 PM	3:30 PM 3:30 PM
View	2220259	MA2090	001	319340	Pacific Cluster	PC022	Monday Tuesday	3:45 PM 3:45 PM	5:00 PM 5:00 PM
View	2220433	BU3600	001	356189	Pacific Cluster	PC238	Tuesday Wednesday	6:45 PM 6:45 AM	8:00 PM 8:00 AM

Fig 5.2.9.10a

Advisor Console
Viewing on behalf of 302530

< Back to Advisor Console

Semester Schedule

Fall 2022

CRN	Course ID	Section	Faculty	Building	Room	Day	Start	End	
View	2220529	ED7330	001	361169	Alopex Building	AB115	Mondays Wednesday	3:45 PM 8:15 PM	5:00 PM 9:30 PM
View	2220531	ED7332	001	327219	Alopex Building	AB112	Wednesday Friday	3:45 PM 3:45 PM	5:00 PM 5:00 PM
View	2220535	SE7012	001	361032	Pacific Cluster	PC240	Mondays Wednesday	6:45 PM 6:45 PM	8:00 PM 8:00 PM
View	2220539	SE7100	001	354248	Alopex Building	AB250	Tuesday Thursday	8:15 PM 8:15 PM	9:30 PM 9:30 PM

Course Section Information

Semester: Fall 2022
CRN: 2220529
Course: ED7330
Department: Childhood Education & Literacy
Professor: Catha Ibanez
Location: Alopex Building, Room 115
Time:
Monday 3:45 PM - 5:00 PM
Wednesday 8:15 PM - 9:30 PM
Room Information:
Min/Max Seats: 5 / 15
Occupied Seats: 10

5.2.9.10b

390935	Karon	Huntar	Full Time	S	Midterm	2022-08-31	2022-09-05	2022-09-07	2022-09-12	2022-09-14	2022-09-19	2022-09-21	2022-09-26	2022-09-28	2022-10-03	2022-10-05	2022-10-10	2022-10-12	2022-10-17	2022-10-19	2022-10-24	2022-10-26	2022-10-31	2022-11-02	2022-11-07	2022-11-09	2022-11-14	2022-11-16	2022-11-21	2022-11-23	2022-11-28	2022-11-30	2022-12-05	2022-12-07	2022-12-12		
Student																																					
302530	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
311747	✓	✓	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
328051	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
329723	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
332364	✓	✓	✓	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
343909	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
378312	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
378317	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
379868	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
390935	✓	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				

Aleutian Islands University

5.2.9.19c

5.2.9.10.1 Input:

- Select the semester of the schedule you'd like to see (dropdown menu in Fig 5.2.9.10a)
- Select View on the course section to see the course section information (Fig 5.2.9.10b) and the attendance of the section (5.2.9.10c)

5.2.9.10.2 Output:

- Semester schedule of desired course

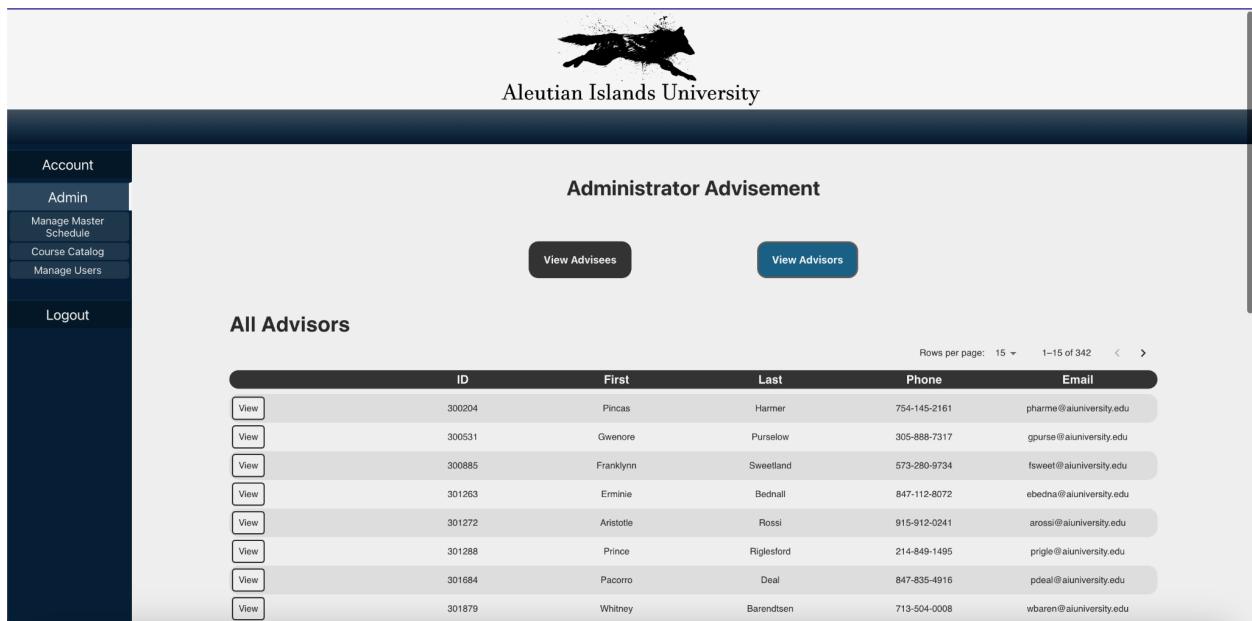
- Information of the course section along with its attendance

5.2.9.10.3 Exceptions:

- If the class has not yet started, there will be no attendance to be displayed.

5.2.10 Advisement Hub (Faculty)

The advisement hub is the primary administrator's gateway to accessing the information and making changes to the accounts of the students and faculty on the website. Only one Primary Administrator exists on the website, with the access to create another if the need arises. The Primary admin will be able to view faculty in "View Advisors" (Fig 5.2.10a), and everything a Faculty member is able to do (Fig 5.2.10b)



The screenshot shows the Aleutian Islands University Admin Advisement interface. At the top, there is a logo of a polar bear and the text "Aleutian Islands University". On the left, a sidebar menu includes "Account", "Admin" (which is selected), "Manage Master Schedule", "Course Catalog", "Manage Users", and "Logout". The main content area is titled "Administrator Advisement" and contains two buttons: "View Advisees" and "View Advisors". Below this, a sub-section titled "All Advisors" displays a table of 10 rows. The columns are labeled "ID", "First", "Last", "Phone", and "Email". Each row contains a "View" button and a list of advisor details. The table includes pagination at the bottom right indicating 1-15 of 342 rows per page.

ID	First	Last	Phone	Email
300204	Pincas	Harmer	754-145-2161	pharme@aiuniversity.edu
300531	Gwenore	Purselow	305-888-7317	gpurse@aiuniversity.edu
300885	Franklyn	Sweetland	573-280-9734	fsweet@aiuniversity.edu
301263	Eminie	Bednall	847-112-8072	ebdona@aiuniversity.edu
301272	Aristotle	Rossi	915-912-0241	arossi@aiuniversity.edu
301288	Prince	Riglesford	214-849-1495	prigle@aiuniversity.edu
301684	Padorro	Deal	847-835-4916	pdeal@aiuniversity.edu
301879	Whitney	Barendsen	713-504-0008	wbaren@aiuniversity.edu

5.2.10a

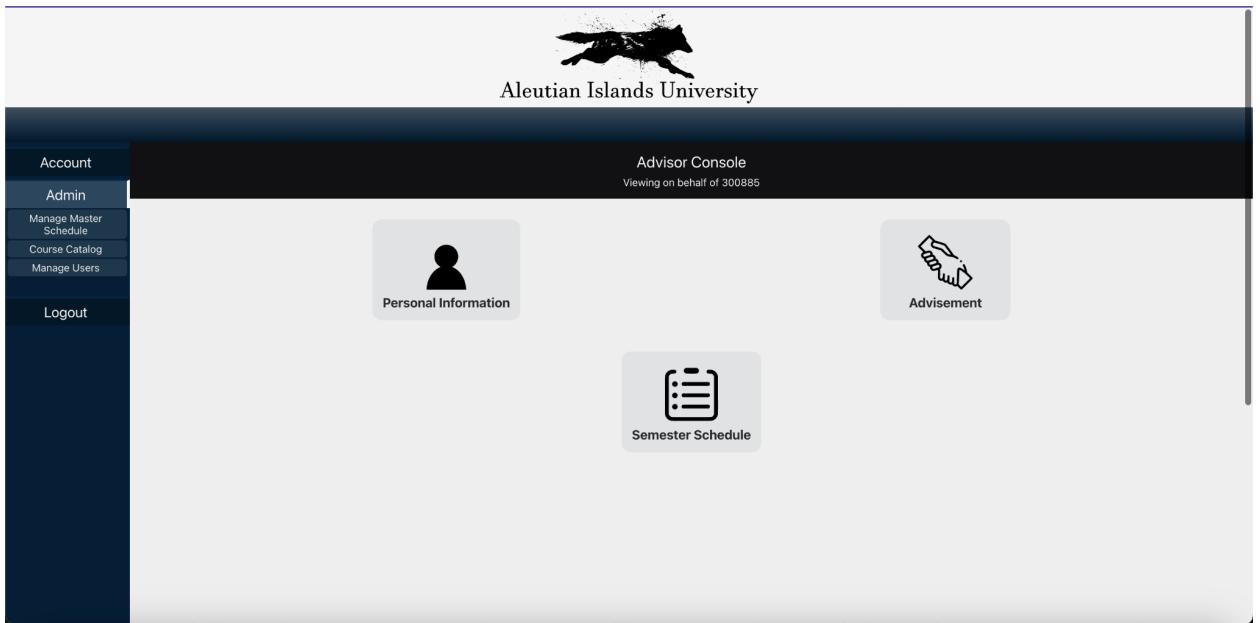


Fig 5.2.10b

5.2.10.1 Personal Information

A screenshot of the Aleutian Islands University Student Information page. The top navigation bar features a wolf logo and the text "Aleutian Islands University". Below this is a dark blue sidebar with options: Account (selected), Admin, Manage Master Schedule, Course Catalog, Manage Users, and Logout. The main content area shows a user profile for "Franklynn Sweetland". On the left is a sidebar with "About" sections for Overview, Education, Residence, and Contact Info. The right side displays personal information: Name: Mr. Sweetland, Franklynn; Role: Faculty, Full Time Assistant; Lives in: Columbia, Missouri; Gender: Male. There is an "Edit" button at the top right of the info box.

Fig 5.2.10.1a Student Information

Advisor Console
Viewing on behalf of 300016

< Back to Advisor Console

Edit Profile

First Name:	Stephani
Last Name:	Wadey
Phone:	313-772-6911
Gender:	Select option ▾
Honorific:	Select option ▾
Birthday:	08 / 06 / 1997 <input type="checkbox"/>
House Number:	333
Street:	Weeping Birch
City:	Detroit
State:	Michigan
Country:	United States
Zip:	48213

Fig 5.2.10.1b Updating Student Information

5.2.10.2 Edit Personal Information:

Edit Profile

First Name:	Riley
Last Name:	Ablyss
Phone:	916-917-5043
Gender:	Select option ▾
Honorific:	Select option ▾
Birthday:	06 / 02 / 2001 <input type="checkbox"/>
House Number:	3
Street:	Charing Cross
City:	Sacramento
State:	California
Country:	United States
Zip:	94230

Fig 5.2.10.2

5.2.10.2.1 Input:

First Name, Last Name, Phone Number, Gender,
Honorific, D.O.B, House Number, Street, City, State,
Country, Zip Code (Fig 5.2.10.2)

5.2.10.2.2 Output: N/A

5.2.10.2.3 Exception: N/A

5.2.10.3 Advisement

The screenshot shows the Advisor Console interface. On the left is a dark sidebar with navigation links: Account, Admin (selected), Manage Master Schedule, Course Catalog, Manage Users, and Logout. The main content area has a header "Advisor Console" and "Viewing on behalf of 300885". A "Back to Advisor Console" button is at the top left of the content area. Below it is a box titled "Your Advisor Information" containing details for Franklynn Sweetland: Phone: 573-280-9734, Email: fsweet@aiuniversity.edu, Location: 014, Pacific Cluster. It also lists office hours: Wednesday 08:15:00 PM - 09:30:00 PM. Two buttons, "View Advisees" and "View Advisors", are below this box. A toggle switch at the bottom indicates "Your Advisees" is selected. The main section is titled "Your Advisees" and displays a table of advisees:

	First Name	Last Name	Phone Number	Email
View	Weber	Castellanos	559-169-5546	wcaste@aiuniversity.edu
View	Annemarie	Aspole	315-711-9381	aaspol@aiuniversity.edu
View	Rosalinda	Gynell	816-423-1242	rgyng@aiuniversity.edu
View	Katerina	Caville	720-607-2002	kcavil@aiuniversity.edu

Fig 5.2.10.3a Faculty's Advisement Information and their advisees

This screenshot shows the "All Advisees" page of the Advisor Console. The sidebar and header are identical to the previous screenshot. The main content area has a "Your Advisor Information" box for Franklynn Sweetland. Below it is a "View Advisees" button. The main section is titled "All Advisees" and displays a table of advisees:

	Advisee ID	Advisee First	Advisee Last	Advisee Phone	Advisee Email	Advisor ID
View	300016	Stephani	Wadley	313-777-6911	swadle@aiuniversity.edu	304868
View	300053	Kimberlyn	Nizet	831-454-1804	knizet@aiuniversity.edu	303544
View	300340	Peterus	Ladewig	225-548-1862	pladew@aiuniversity.edu	309920
View	300360	Standford	Lowdham	526-338-9999	slowdh@aiuniversity.edu	303342
View	300374	Shelli	Emes	832-180-9289	semes@aiuniversity.edu	340456
View	300442	Derrick	Peskin	757-335-4431	dpeski@aiuniversity.edu	375689
View	300477	Mickie	Scholler	816-159-6407	mschol@aiuniversity.edu	385381

Fig 5.2.10.3b List of all advisees

The screenshot shows the Advisor Console interface. On the left is a dark sidebar with navigation links: Account, Admin (selected), Manage Master Schedule, Course Catalog, Manage Users, and Logout. The main content area has a header "Advisor Console" and "Viewing on behalf of 300885". A button "[Back to Advisor Console](#)" is visible. Below this is a box titled "Your Advisor Information" containing details for Franklynn Sweetland: Name, Phone, Email, Location, and Office Hours. Two buttons, "View Advisees" and "View Advisors", are at the bottom of this box. The main content area also includes a "Rows per page:" dropdown set to 15, a page number indicator "1–15 of 342", and navigation arrows. A section titled "All Advisors" displays a table with columns: ID, First, Last, Phone, and Email. The table lists six advisors with their respective details.

	ID	First	Last	Phone	Email
View	300204	Pincas	Harmer	754-146-2161	pharma@aiuniversity.edu
View	300531	Gwenore	Purselow	305-888-7317	gpurse@aiuniversity.edu
View	300885	Franklyn	Sweetland	573-280-9734	fsweet@aiuniversity.edu
View	301263	Erminie	Bednall	847-112-8072	ebedna@aiuniversity.edu
View	301272	Aristotle	Rossi	915-912-0241	arossi@aiuniversity.edu

Fig 5.2.10.3c

5.2.10.3.1 Input:

- Selecting to view Advisees or Advisors (Fig 5.2.10.3c)
- Selecting to view faculty specific Advisees or all Advisees (Fig 5.2.10.3a & b)

5.2.10.3.2 Output:

- List Advisors or Advisees

5.2.10.3.3 Exceptions:

- N/A

5.2.10.4 Semester Schedule

The screenshot shows the Advisor Console interface. On the left is a vertical sidebar with options: Account, Admin (selected), Manage Master Schedule, Course Catalog, and Manage Users. Below that is a Logout link. The main content area has a header "Advisor Console" and "Viewing on behalf of 300885". A "Semester Schedule" section displays course details for Fall 2022 and Spring 2023. The table includes columns for CRN, Course ID, Section, Faculty, Building, Room, Day, Start, and End. The Fall 2022 section shows four courses:

	CRN	Course ID	Section	Faculty	Building	Room	Day	Start	End
View	2310476	BU7561	001	363437	Alopex Building	AB238	Tuesday Thursday	6:45 PM 6:45 PM	8:00 PM 8:00 PM
View	2310480	BU7564	001	341985	Pacific Cluster	PC140	Monday Friday	8:15 PM 8:15 PM	9:30 PM 9:30 PM
View	2310485	BU7576	001	317507	Alopex Building	AB118	Tuesday Thursday	8:15 AM 8:15 AM	9:30 AM 9:30 AM
View	2310486	BU7591	001	326393	Alopex Building	AB238	Wednesday Friday	8:15 AM 8:15 AM	9:30 AM 9:30 AM

Fig 5.2.10.4a

The screenshot shows the Advisor Console interface. On the left is a vertical sidebar with options: Account, Admin, Manage Master Schedule, Course Catalog, and Manage Users. Below that is a "Course Section Information" section for Fall 2022, listing details like CRN, Course ID, Department, Professor, Location, Time, and Room information. It also shows Min/Max Seats and Occupied Seats. Below that is a "Roster" table with columns for UID, First, Last, Time, Grade, and Status. The table lists student names and their corresponding information. At the bottom is an "Attendance" section.

UID	First	Last	Time	Grade	Status
306260	Normie	Raymont	Full Time	S	Midterm
315031	Gunner	Birnwhistle	Full Time	S	Midterm
320076	Weber	Castellanos	Full Time	S	Midterm
320629	Abran	McCrystal	Full Time	S	Midterm
322213	Leonie	Trueitt	Full Time	U	Midterm
322533	Ewyn	Husby	Full Time	S	Midterm
343030	Darleen	Jorg	Full Time	S	Midterm
351739	Donnjean	Cockshott	Full Time	U	Midterm
353324	Noel	Rainton	Full Time	S	Midterm
379965	Sukey	Putton	Full Time	S	Midterm
386233	Eldon	Boulger	Full Time	S	Midterm
398575	Dmitri	Memory	Full Time	S	Midterm

Fig 5.2.10.4b

Attendance																															
Student		2022-09-01	2022-09-06	2022-09-08	2022-09-13	2022-09-15	2022-09-20	2022-09-22	2022-09-27	2022-09-29	2022-10-04	2022-10-06	2022-10-11	2022-10-13	2022-10-18	2022-10-20	2022-10-25	2022-10-27	2022-11-01	2022-11-03	2022-11-08	2022-11-10	2022-11-15	2022-11-17	2022-11-22	2022-11-24	2022-11-29	2022-12-01	2022-12-06	2022-12-08	2022-12-13
306260	✓	✗	✗	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
315031	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
320076	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	
320629	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
322213	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
322533	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
343030	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
351739	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
353324	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
379965	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
386233	✓	✗	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
398575	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

Aleutian Islands University

Fig 5.2.10.4c

5.2.10.4.1 Input:

- Selecting “View” next to a Course Section the faculty member is teaching
- Selecting the semester of the desired schedule

5.2.10.4.2 Output:

- A list of all of the courses a faculty member is teaching in a given semester (Fig 5.2.10.4a)
- The course section information, roster, and attendance of a selected course section (Fig 5.2.10.4b & c)

5.2.10.4.3 Exceptions:

- N/A

5.3 Master Schedule

The Primary Admin controls the Master Schedule, the main list of all course sections that are ongoing and upcoming for the current semester and the following.

Master Schedule

Semester: Spring 2023

CRN	Course	Credits	Name	Sec	Instr	Room	Day	Time	Min	Cap	Act	Dept
2310010	AS2262	4	African American History I	001	Pincas Harmer	PC146	M W	11:15 AM - 12:30 PM	5	15	15	American Studies

Fig 5.3a

Spring 2023

Rows per page: 10 1–10 of 626 < >

CRN	Course	Credits	Name	Sec	Instr	Room	Day	Time	Min	Cap	Act	Dept
2310010	AS2262	4	African American History I	001	Pincas Harmer	PC146	M W	11:15 AM - 12:30 AM	5	15	15	American Studies
2310012	AS2263	4	African American History II	001	Alard Yankin	PC023	W F	11:15 AM - 12:30 AM	5	15	12	American Studies
2310013	AS2263	4	African American History II	002	Lavina West-Frimley	AB034	M W	12:45 AM - 2:00 PM	5	15	6	American Studies
2310014	AS2300	4	Problems in US Environmental History	001	Rayna Bridden	PC210	T Th	12:45 AM - 2:00 PM	5	15	11	American Studies
2310015	AS2640	4	U.S. Latina/o History	001	Lyndsey Corrado	AB035	W F	2:15 PM - 3:30 PM	5	15	14	American Studies
2310016	AS2652	4	Media Studies	001	Krissy Beniard	AB232	M W	2:15 PM - 3:30 PM	5	15	5	American Studies
2310017	AS2700	4	The Engaged	001	Sebastian	VB001	T	2:15 PM - 3:30 PM	5	15	8	American Studies

Fig 5.3b Master Schedule without filters

Aleutian Islands University

Master Schedule

Semester: Spring 2023

CRN	Course ID	Course Name	Instructor Name	Room	Credits	Days	Periods
<input type="text" value="EL3600"/>	<input type="text" value="EL3600"/>	<input type="text" value="U.S. Literature I – Colonial Period to Civil War"/>	<input type="text" value="Cilka Mulran"/>	<input type="text" value="AB035"/>	<input type="text" value="4"/>	<input type="checkbox"/> Sunday <input checked="" type="checkbox"/> Monday <input checked="" type="checkbox"/> Tuesday <input checked="" type="checkbox"/> Wednesday <input type="checkbox"/> Thursday <input type="checkbox"/> Friday <input type="checkbox"/> Saturday	<input type="checkbox"/> 6:45 AM - 8:00 AM <input type="checkbox"/> 8:15 AM - 9:30 AM <input type="checkbox"/> 9:45 AM - 11:00 AM <input checked="" type="checkbox"/> 11:15 AM - 12:30 PM <input type="checkbox"/> 12:45 PM - 2:30 PM <input type="checkbox"/> 2:15 PM - 3:30 PM <input type="checkbox"/> 3:45 PM - 5:00 PM <input type="checkbox"/> 5:15 PM - 6:30 PM <input type="checkbox"/> 6:45 PM - 8:00 PM <input type="checkbox"/> 8:15 PM - 9:30 PM

Spring 2023

Rows per page: 10 | 1-1 of 1 | < >

CRN	Course	Credits	Name	Sec	Instr	Room	Day	Time	Min	Cap	Act	Dept	
<input type="button" value="View"/>	<input type="button" value="Delete"/>	2310190	EL3600	4	U.S. Literature I – Colonial Period to Civil War	001	Cilka Mulran	AB035	M W 11:15 AM - 12:30 AM	5	15	9	English

Fig 5.3c Master Schedule with filters

Course Section Information

Semester: Spring 2023
 CRN: 2310190
 Course: EL3600
 Department: English
 Professor: Cilka Mulran
 Location: Alopex Building, Room 035
 Time:
 Monday 11:15 AM - 12:30 AM
 Wednesday 11:15 AM - 12:30 AM
 Room Information:
 Min/Max Seats: 5 / 15
 Occupied Seats: 9

Roster

UID	First	Last	Time	Grade	Status
321773	Bourke	O'Keefe	Full Time	NA	Final
331204	Dayna	Hudless	Full Time	NA	Final
376402	Cesare	Rentelli	Part Time	NA	Final
388017	Isciro	Jantot	Full Time	NA	Final
391578	Marysa	Pleager	Full Time	NA	Final
371165	Kirsten	Gibben	Part Time	NA	Final
330085	Kiersten	Pedrol	Part Time	NA	Final
359959	Weidar	Kitteringham	Part Time	NA	Final
370750	Midge	Hamsson	Part Time	NA	Final

Attendance

Nothing to show.

Fig 5.3d Course Section Information, Roster and Attendance

5.3.1

Input:

- Selecting a the semester of the desired Master Schedule
- Selecting “View” on a specific course section
- Selecting “Delete” on a course section to remove it from the master schedule

5.3.2

Output:

- A list of all the course sections for a semester (Fig 5.3b)
- A list of course sections matching the desired filters (Fig 5.3c)
- All the information, roster and attendance for a specific course section (Fig 5.3d)

5.3.3

Exceptions:

- If a course has no one registered for it, it will not have a roster
- If a course has not yet had its first meeting, it will have no attendance
- If a course section is already in progress, it can not be deleted

5.4 Users

A primary admin has access to a comprehensive list of every user that is active at the university, including all students, faculty members, researchers and other, secondary administrators.

User Search				
	User ID	First Name	Last Name	User Type
<input type="button" value="View"/>	300016	Stephani	Wadley	Student
<input type="button" value="View"/>	300053	Kimberlyn	Nizet	Student
<input type="button" value="View"/>	300092	Wilona	Menere	Student
<input type="button" value="View"/>	300116	Bjorn	Bertrand	Faculty
<input type="button" value="View"/>	300204	Pincas	Harmer	Faculty
<input type="button" value="View"/>	300340	Peterus	Ladewig	Student
<input type="button" value="View"/>	300343	Gertie	Aldiss	Student
<input type="button" value="View"/>	300360	Standford	Lowham	Student

Fig 5.4 A list of all Users

5.4.1 Search Users

Users are searchable by: User Type, User Name, and User ID.

5.4.1.1 Input:

- Select one or more User Type from picklist
- Type Value into User ID or User Name

The figure shows a 'User Search' interface. On the left, there are two input fields: 'User ID' and 'User Name'. On the right, there is a 'User Types' section containing four checkboxes: 'Student', 'Faculty', 'Researcher', and 'Administrator'. The entire interface is enclosed in a light gray box with rounded corners.

Figure 5.41

5.4.2 View User from All Users

5.4.2.1 Input:

- Select "View" on a User

The figure shows a 'User Search' interface. It includes input fields for 'User ID' and 'User Name', and a 'User Types' section with checkboxes for Student, Faculty, Researcher, and Administrator. Below the search bar, there is a table with columns: UID, First Name, Last Name, and User Type. The first row's 'View' button is circled in red. The table also includes pagination information: 'Rows per page: 15 ▾ 1-15 of 2493 < >'.

UID	First Name	Last Name	User Type
300016	Stephani	Wadley	Student
300053	Kimberlyn	Nizet	Student
300092	Wilona	Menere	Student

Figure 5.42

5.4.2.2 Output:

- View User Account on behalf of the User selected

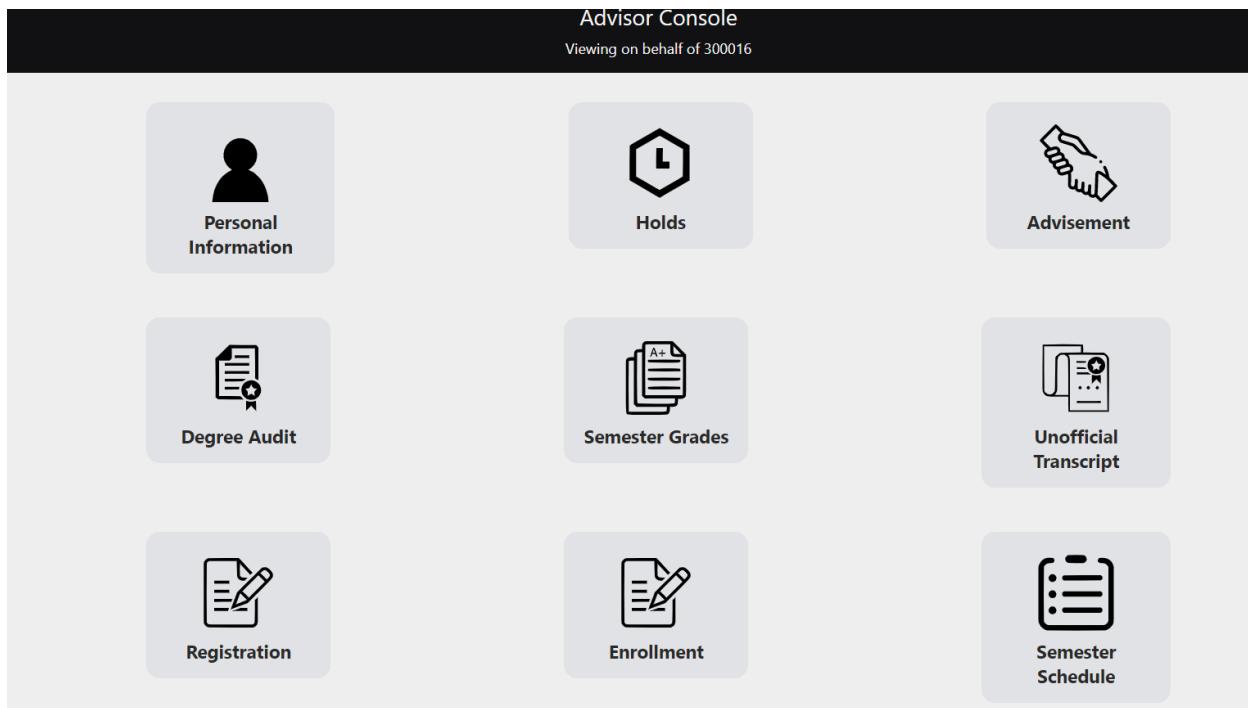


Figure 5.43

5.4.2.3 Exceptions: N/A

5.5.1 Assign Student Grades

An Admin can Assign Grades to the Students in a Course Sections on behalf of a Faculty. They can only do so within the time window allowable. The User Interface for assigning grades is within the “Roster” of the Course Section.

Roster						
UID	First	Last	Time	Grade	Status	
300374	Shelli	Emes	Full Time	<input type="button" value="U"/>		Midterm
300442	Derrick	Peskin	Full Time	<input type="button" value="S"/>		Midterm
301103	Bartie	Renzullo	Full Time	<input type="button" value="S"/>		Midterm
301524	Joyan	Sheriff	Full Time	<input type="button" value="S"/>		Midterm
301635	Nealson	Jachimak	Full Time	<input type="button" value="S"/>		Midterm
301706	Bertie	Klimschak	Part Time	<input type="button" value="S"/>		Midterm
304779	Derwin	Mault	Full Time	<input type="button" value="S"/>		Midterm
306124	Brittan	Enrico	Full Time	<input type="button" value="S"/>		Midterm
307094	Janith	Faccini	Full Time	<input type="button" value="S"/>		Midterm
307837	Sheffy	Checcuzzi	Full Time	<input type="button" value="S"/>		Midterm
308723	Sigismund	Witten	Part Time	<input type="button" value="S"/>		Midterm
309213	Calli	Londsdale	Full Time	<input type="button" value="S"/>		Midterm
320023	Milt	Brighty	Full Time	<input type="button" value="S"/>		Midterm
321340	Micah	Dutteridge	Full Time	<input type="button" value="S"/>		Midterm
321492	Mireille	Sanney	Part Time	<input type="button" value="S"/>		Midterm

Figure 5.44 Assign Grades within Roster

5.5.1.1 Input:

- Set Grade appropriately to Status
- Submit

Grade	Status
U	Midterm
U	Midterm
A	Midterm
A-	Midterm
B	Midterm
B-	Midterm
B+	Midterm
C	Midterm
C-	Midterm
C+	Midterm
CR	Midterm
D	Midterm
D-	Midterm
D+	Midterm
F	Midterm
I	Midterm
NA	Midterm
NC	Midterm
NR	Midterm
W	Midterm
WN	Midterm
S	Midterm
S	Midterm

Figure 5.45 Assign Grades

5.5.1.2 Output

Roster					
UID	First	Last	Time	Grade	Status
300374	Shelli	Emes	Full Time	U	Midterm

Figure 5.46 Grade Assigned

5.5.1.3 Exceptions:

- Not within correct time window to update/assign grades

5.6.1 Assign Attendance

An Admin is able to Assign Course Section Attendance on behalf of a Faculty. The attendance can only be assigned on the day it is given. It can only be changed on that day.

Attendance																														
Student		2022-12-15	2022-12-13	2022-12-08	2022-12-06	2022-12-01	2022-11-29	2022-11-17	2022-11-15	2022-11-10	2022-11-08	2022-11-03	2022-11-01	2022-10-20	2022-10-18	2022-10-16	2022-10-13	2022-10-11	2022-10-04	2022-09-29	2022-09-27	2022-09-22	2022-09-20	2022-09-15	2022-09-13	2022-09-08	2022-09-06	2022-09-01		
30419:	<input checked="" type="checkbox"/>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	<input checked="" type="checkbox"/>	
30694:	<input checked="" type="checkbox"/>	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	<input checked="" type="checkbox"/>	
30868:	<input checked="" type="checkbox"/>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	<input checked="" type="checkbox"/>
31350:	<input checked="" type="checkbox"/>	✓	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/>
33233:	<input checked="" type="checkbox"/>	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	<input checked="" type="checkbox"/>	
33241:	<input checked="" type="checkbox"/>	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/>

Figure 5.47

5.6.1.1 Input:

- Select Check Mark (for Present) or X (for Absent) for each student in course section
- Select “Submit” to save changes



Figure 5.48

5.6.1.2 Output:

- Selections saved

Attendance																													
Student		2022-12-15	2022-12-13	2022-12-08	2022-12-06	2022-12-01	2022-11-29	2022-11-17	2022-11-15	2022-11-10	2022-11-08	2022-11-03	2022-11-01	2022-10-20	2022-10-18	2022-10-16	2022-10-13	2022-10-11	2022-10-04	2022-09-29	2022-09-27	2022-09-22	2022-09-20	2022-09-15	2022-09-13	2022-09-08	2022-09-06	2022-09-01	
30419:	<input checked="" type="checkbox"/>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	<input checked="" type="checkbox"/>
30694:	<input checked="" type="checkbox"/>	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	<input checked="" type="checkbox"/>
30868:	<input checked="" type="checkbox"/>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	<input checked="" type="checkbox"/>
31350:	<input checked="" type="checkbox"/>	✓	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/>
33233:	<input checked="" type="checkbox"/>	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	<input checked="" type="checkbox"/>	
33241:	<input checked="" type="checkbox"/>	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/>

Figure 5.49

5.6.1.2 Exceptions:

- Cannot Assign Attendance of a day that is not the current day

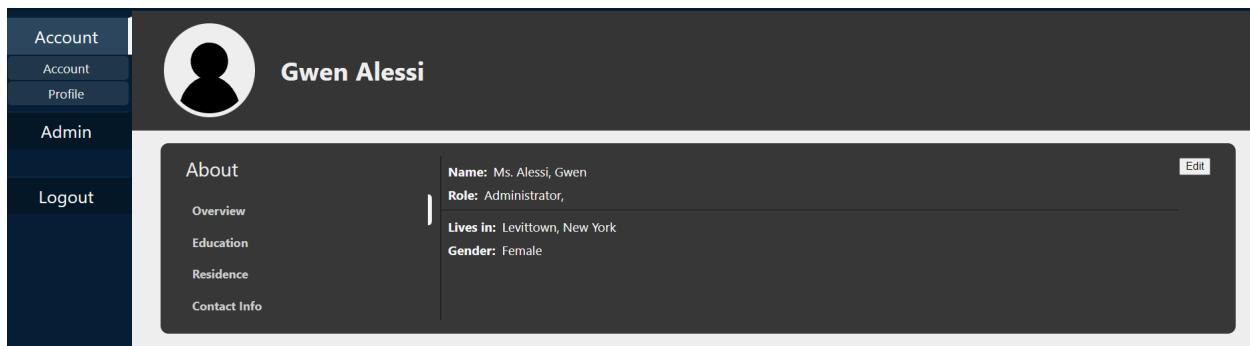
6. Secondary Administrator

The Secondary Administrator is able to view all information of any other user. The Secondary Administrator does not have permission to edit any user's information other than their own.

6.1 Administrator Profile

When a user logs in with the credentials matching that of an Administrator, they are greeted with the Administrator Account Information landing page. This page displays the user's basic information, such as their name, gender, address, etc. The "Profile" page can be found on the Left hand navigation column under the "Account" tab.

6.1.1 View Faculty Profile Page

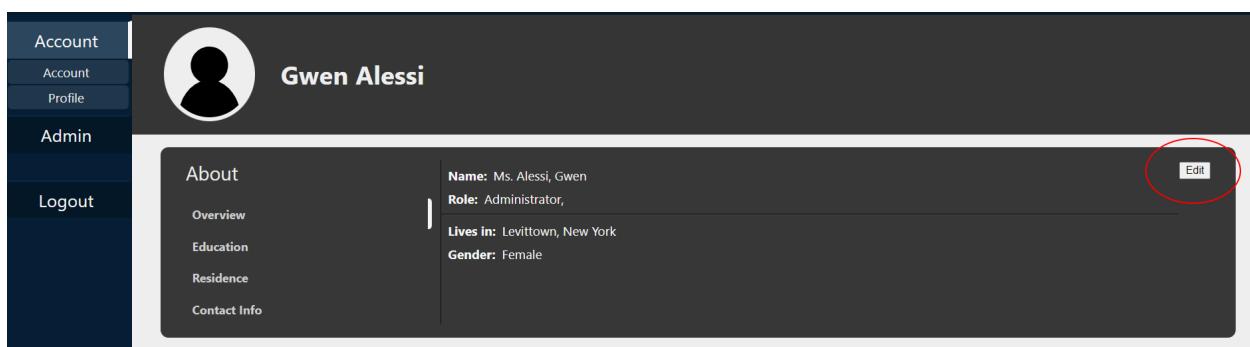


The screenshot shows a dark-themed web application interface. On the left is a vertical navigation bar with options: Account (selected), Account, Profile, Admin, and Logout. The main content area has a header with a user icon and the name "Gwen Alessi". Below the header is a sidebar with links: About, Overview, Education, Residence, and Contact Info. The main content area displays personal information: Name: Ms. Alessi, Gwen; Role: Administrator; Lives in: Levittown, New York; Gender: Female. There is an "Edit" button in the top right corner of this section. The entire interface has a clean, modern design with a white background and dark blue headers.

Figure 6.01 View of Admin Account Information landing page

6.1.2 Edit Personal Information:

A user can edit their personal information. Editing this information will reflect on their Account page. A user may choose to update one field or many.



This screenshot is identical to Figure 6.01, showing the Admin Account Information landing page for Gwen Alessi. However, the "Edit" button in the top right corner of the main content area is now highlighted with a red circle, indicating it is the target for interaction.

Figure 6.02 Select "Edit" to edit user personal information

6.1.2.1 Input:

- First Name
- Last Name
- Phone Number
- Gender
- Honorific
- D.O.B
- House Number
- Street
- City
- State
- Country
- Zip Code

Edit Profile

First Name:	Franklynn
Last Name:	Sweetland
Phone:	573-280-9734
Gender:	Select option ▾
Honorific:	Select option ▾
Birthdate:	03 / 22 / 1993 <input type="button" value=""/>
House Number:	39
Street:	Mitchell
City:	Columbia
State:	Missouri
Country:	United States
Zip:	65211

Figure 6.03 Edit Profile form

6.1.2.2 Output:

- Information changed in “Edit Profile” form is reflected in the user’s Profile

6.1.2.3 Exception: N/A

6.2 Account

6.2.1 User password change

The user can change their own password once they have accessed their account. The password change is located in the “Account” tab under the “Account” sub-tab. When a user is changing their password, they must take into account that their new password must be between 7 and 17 characters.

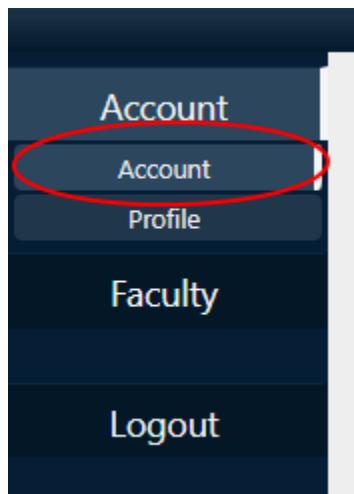
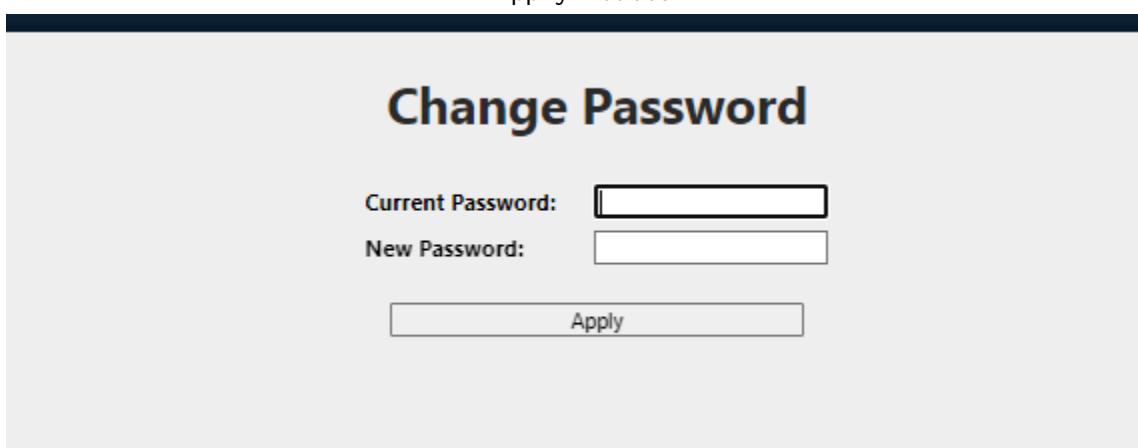


Figure 6.04 Password change located in “Account” sub-tab

6.2.1.1 Input:

- Current Password
- New Password
- “Apply” button



Change Password

Current Password:

New Password:

Figure 6.05 Change password form

6.2.1.2 Output:

- Password changed to the “New Password” the user inputted

6.2.1.3 Exception:

- “Current Password” entered incorrectly
- “New Password” entered is not the appropriate length

6.3 Admin Console

Within the Admin Console, there are components that allow the Admin to view aspects of other users’ account information.

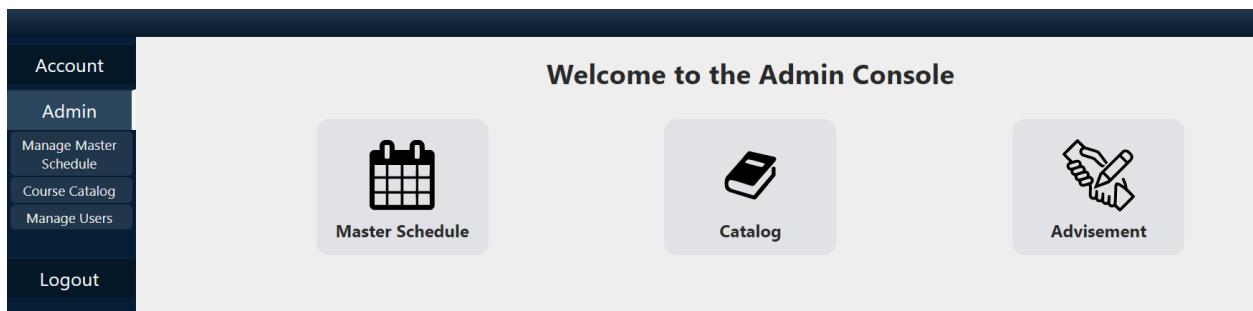


Figure 6.06 Admin Console

6.4 Administrator Advisement

The component Administrator Advisement is where the Admin is able to view all users through a categorized list of Advisors (Faculty) or Advisees (Student).

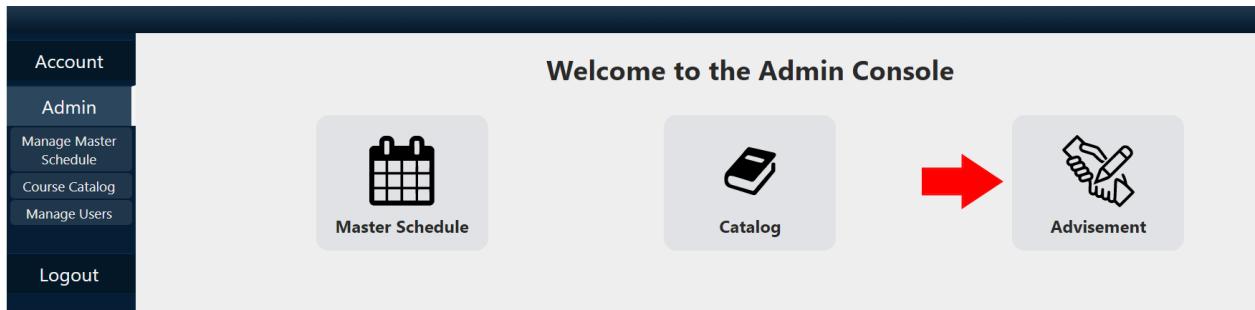


Figure 6.07 Location of “Administrator Advisement”

The screenshot shows the 'Administrator Advisement' page with the title 'Administrator Advisement' at the top. Below it are two buttons: 'View Advisees' and 'View Advisors'. The main section is titled 'All Advisees' and contains a table with 8 rows of student data. The columns are: Advisee ID, Advisee First, Advisee Last, Advisee Phone, Advisee Email, and Advisor ID. Each row includes a 'View' button in the first column. At the bottom of the table are navigation links for 'Rows per page: 15 ▾ 1–15 of 1586 < >'.

	Advisee ID	Advisee First	Advisee Last	Advisee Phone	Advisee Email	Advisor ID
View	300016	Stephani	Wadley	313-772-6911	swadle@aiuniversity.edu	304868
View	300053	Kimberlyn	Nizet	831-454-1804	knizet@aiuniversity.edu	303544
View	300340	Peterus	Ladewig	225-548-1862	pladew@aiuniversity.edu	309920
View	300360	Standford	Lowdham	526-338-9999	slowdh@aiuniversity.edu	303342
View	300374	Shelli	Emes	832-180-9289	semes@aiuniversity.edu	340456
View	300442	Darrick	Peskin	757-335-4431	dpeski@aiuniversity.edu	375689
View	300477	Mickie	Scholler	816-159-6407	mschol@aiuniversity.edu	385381
View	300543	Odo	Pimer	407-270-8712	opimer@aiuniversity.edu	318006

Figure 6.08 Initial view of Administrator Advisement component

6.4.1 View All Advisees (View All Students)

The initial view of the Administrator Advisement page is a table of all Students and relevant columns including the UserID of their Advisor. The Admin can view everything the Student can view when they select the “View” button .

6.4.1.1 Input:

Administrator Advisement

Rows per page: 15 ▾ 1–15 of 1586 < >

	Advisee ID	Advisee First	Advisee Last	Advisee Phone	Advisee Email	Advisor ID
View	300016	Stephani	Wadley	313-772-6911	swadle@aiuniversity.edu	304868
View	300053	Kimberlyn	Nizet	831-454-1804	knizet@aiuniversity.edu	303544

Figure 6.09 Select “View” button

6.4.1.2 Output:

Advisor Console
Viewing on behalf of 300016

Personal Information

Holds

Advisement

Degree Audit

Semester Grades

Unofficial Transcript

Semester Schedule

Figure 6.1 Account view of selected Student

6.4.1.3 Exceptions: N/A

6.5.1 View Personal Information on Behalf of Student

6.5.1.1 Input:

- Select “Personal Information” to view the Student’s personal information

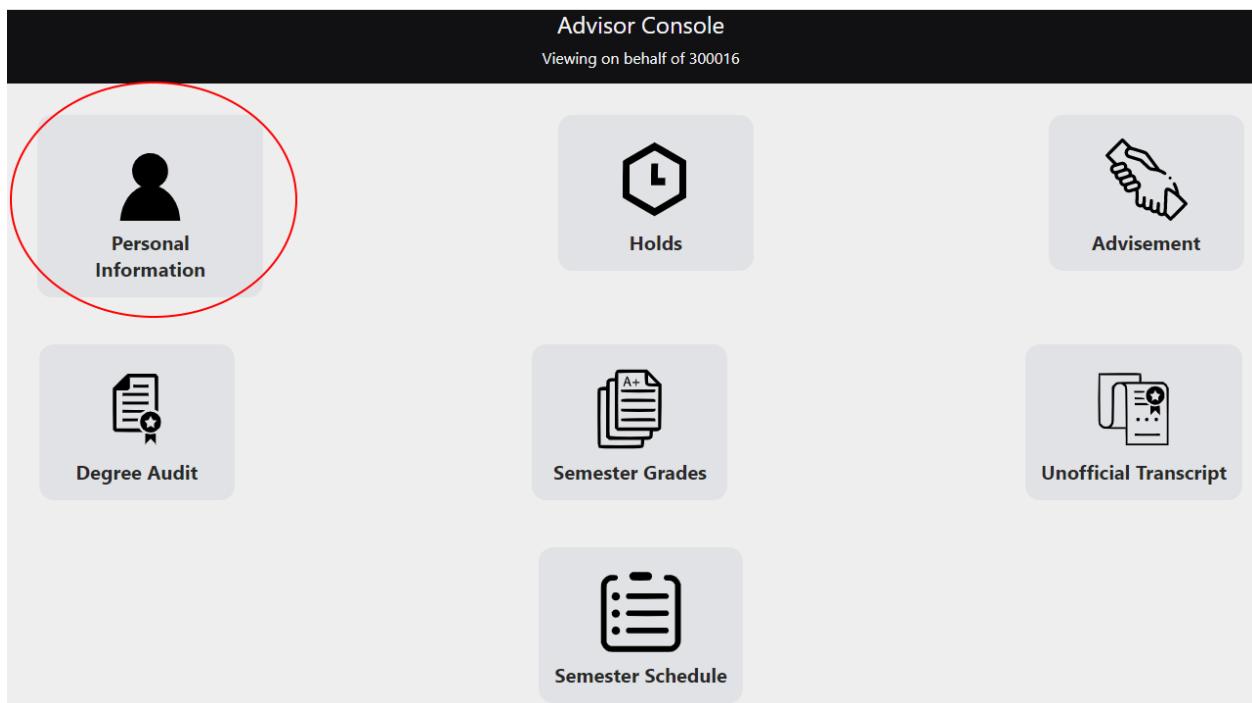


Figure 6.11 Select Personal Information

6.5.1.2 Output:

The screenshot shows the 'Advisor Console' interface with a header 'Viewing on behalf of 300016'. At the top left is a back button '< Back to Advisor Console'. Below the header is a profile picture and the student's name, 'Stephani Wadley'. On the left, a sidebar has 'About' selected and lists 'Overview', 'Education', 'Residence', and 'Contact Info'. To the right, under the 'About' section, is a table with the following data:
Name: Mrs. Wadley, Stephani
Role: Student, Part Time Undergraduate
Lives in: Detroit, Michigan
Gender: Female

Figure 6.12 View Student’s Personal Information

6.5.1.3 Exceptions: N/A

6.5.2 View Holds on Behalf of Student

6.5.2.1 Input:

- Select “Holds” to view the Student’s Holds

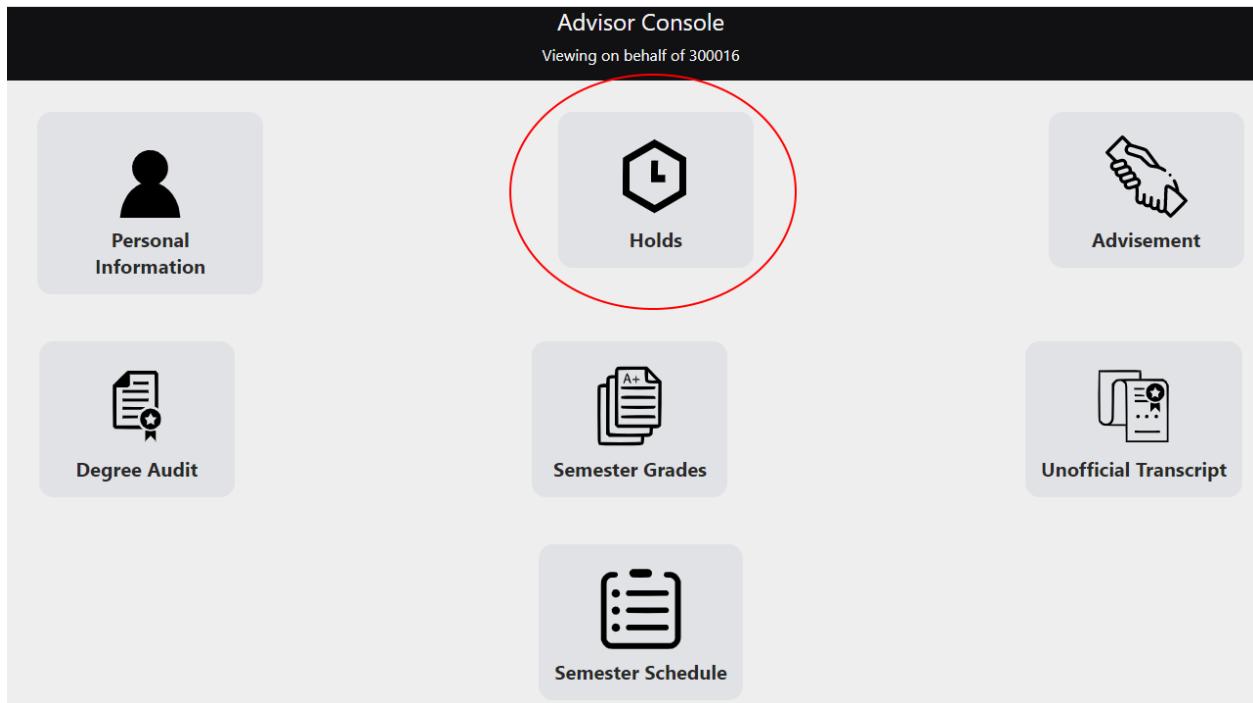


Figure 6.13 Select Holds

6.5.2.2 Output:

The screenshot shows the 'Student Holds' page with the header 'Advisor Console' and 'Viewing on behalf of 300016'. A blue button at the top left says '< Back to Advisor Console'. Below the header is a note: 'Please note: Any active Holds on your account, listed above, must be resolved before you may partake in registration.' A table follows with columns: 'Name', 'Description', and 'Issue Date'. The table is currently empty.

Figure 6.14 View Student’s Holds

6.5.2.3 Exceptions: N/A

6.5.3 View Advisement on Behalf of Student

6.5.3.1 Input:

- Select “Advisement” to view the Student’s Advisor Information

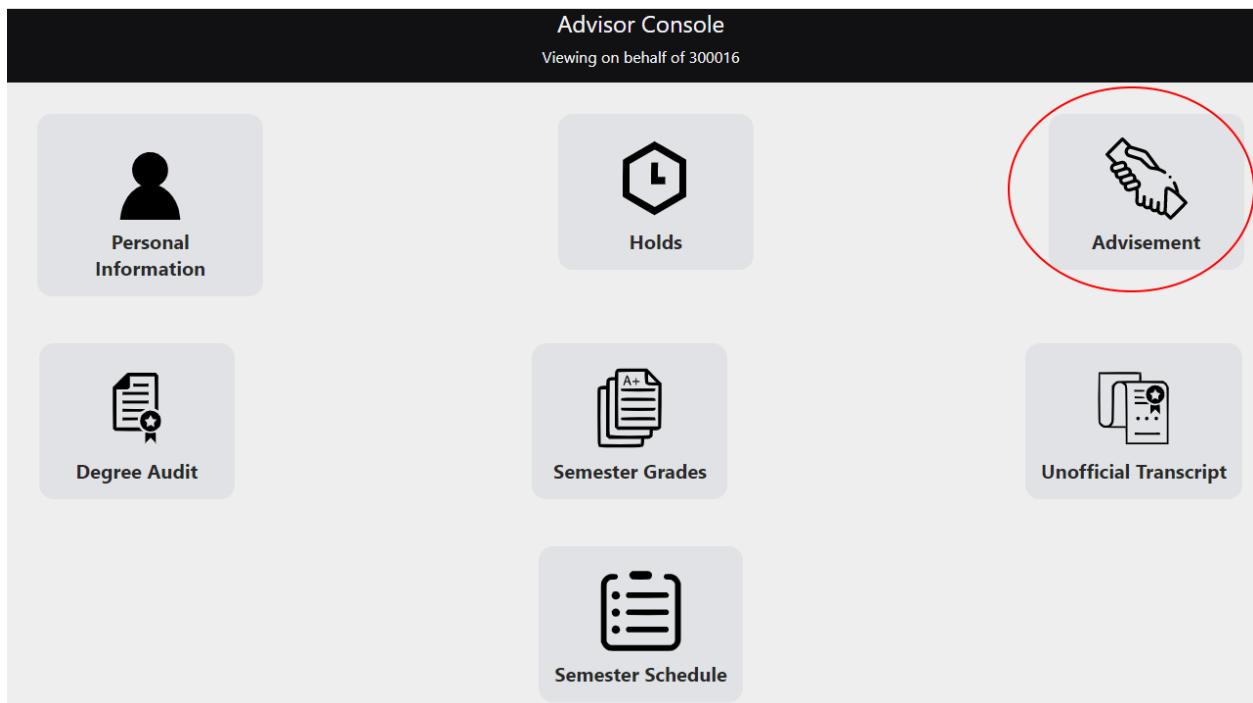


Figure 6.15 Select Advisement

6.5.3.2 Output:

The screenshot shows the Advisor Console interface. At the top, it says "Advisor Console" and "Viewing on behalf of 300016". Below that is a button labeled "< Back to Advisor Console". The main content area is titled "Advisor Information" and displays the following details for Krissy Baniard:

Krissy Baniard

Phone: 513-539-7623
Email: kbania@aiuniversity.edu
Location: 006, Sandhill Cluster

Office Hours: Wednesday 11:15:00 AM - 12:30:00 PM

Figure 6.16 View Student's Advisor Information

6.5.3.3 Exceptions: N/A

6.5.4 View Degree Audit on Behalf of Student

6.5.4.1 Input:

- Select “Degree Audit” to view the Student’s Advisor Information

The screenshot shows the Advisor Console interface with several service options listed:

- Personal Information
- Holds
- Advisement
- Degree Audit (circled in red)
- Semester Grades
- Unofficial Transcript
- Semester Schedule

Figure 6.17 Select Degree Audit

6.5.4.2 Output:

The screenshot shows the Advisor Console interface. At the top, it says "Advisor Console" and "Viewing on behalf of 300016". A button "Back to Advisor Console" is visible. A dropdown menu titled "Choose Program" is open, showing options: "... Choose ..." (selected), "... Choose ...", and "American Studies".

In-Depth Experience
Credits Minimum: 12 Acquired: 0

Courses

Course	Title	Grade	Credits	Term
AS4202	Internship in Government and Community		12	

Major Requirements
Credits Minimum: 8 Acquired: 4

Figure 6.18 View Student's Degree Audit

Major Requirements
Credits Minimum: 8 Acquired: 4

Courses

Course	Title	Grade	Credits	Term
AS2122	American People II	B	4	Fall 2021
AS2112	American People I		4	

American Studies Seminar
Credits Minimum: 4 Acquired: 0

Courses

Course	Title	Grade	Credits	Term
AS3100	American Studies Seminar		4	

Figure 6.18.2

6.5.4.3 Exceptions: N/A

6.5.5 View Semester Grades on Behalf of Student

6.5.5.1 Input:

- Select “Semester Grades” to view the Student’s Grades for past and current semesters



Figure 6.19 Select Semester Grades

6.5.5.2 Output:

- Select a semester from the drop down to view that Semester’s Grades

Semester Grades					
Fall 2021					
CRN	Course ID	Section	Grade	Status	
2120007	AS2122	001	B	Final	
2120028	AS4802	001	B	Final	

Figure 6.2 View Student's Semester Grades

6.5.5.3 Exceptions: N/A

6.5.6 View Unofficial Transcript on Behalf of Student

6.5.6.1 Input:

- Select “Unofficial Transcript” to view the Student’s Unofficial Transcript

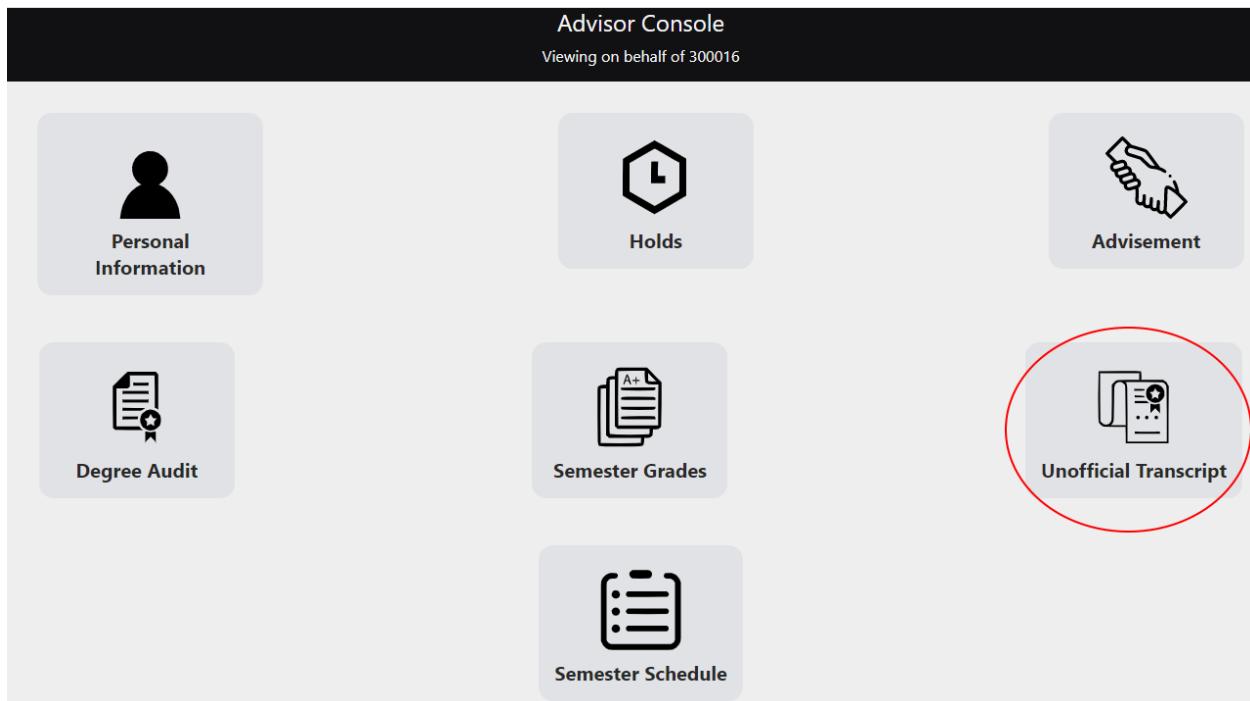


Figure 6.21 Select Unofficial Transcript

6.5.6.2 Output:

Institution Credit

Term: Fall 2021

Course	Title	Grade	Credit Hours	Quality Points
AS2122	American People II	B	4	3
AS4802	Investigative Reporting	B	4	3

Term Totals	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term	8.00	8.00	8.00	8.00	8.00	3.00
Cumulative	8.00	8.00	8.00	8.00	8.00	3.00

Term: Spring 2022

Course	Title	Grade	Credit Hours	Quality Points
AS4222	The Emergence of Modern America	B	4	3

Term Totals	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term	4.00	4.00	4.00	4.00	4.00	3.00
Cumulative	12.00	12.00	12.00	12.00	12.00	3.00

Term: Fall 2022

Course	Title	Grade	Credit Hours	Quality Points
AS3820	Radio Production and Editing	W	4	0

Term Totals	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term	4.00	4.00	4.00	4.00	4.00	0.00
Cumulative	16.00	16.00	16.00	16.00	16.00	2.00

Transcript Totals

Transcript Totals	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Overall	16.00	16.00	16.00	16.00	16.00	2.00

Figure 6.22 View Student's Unofficial Transcript

6.5.6.3 Exceptions: N/A

6.5.7 View Semester Schedule on Behalf of Student

6.5.7.1 Input:

- Select “Semester Schedule” to view the Student’s current semester schedule and next semester schedule

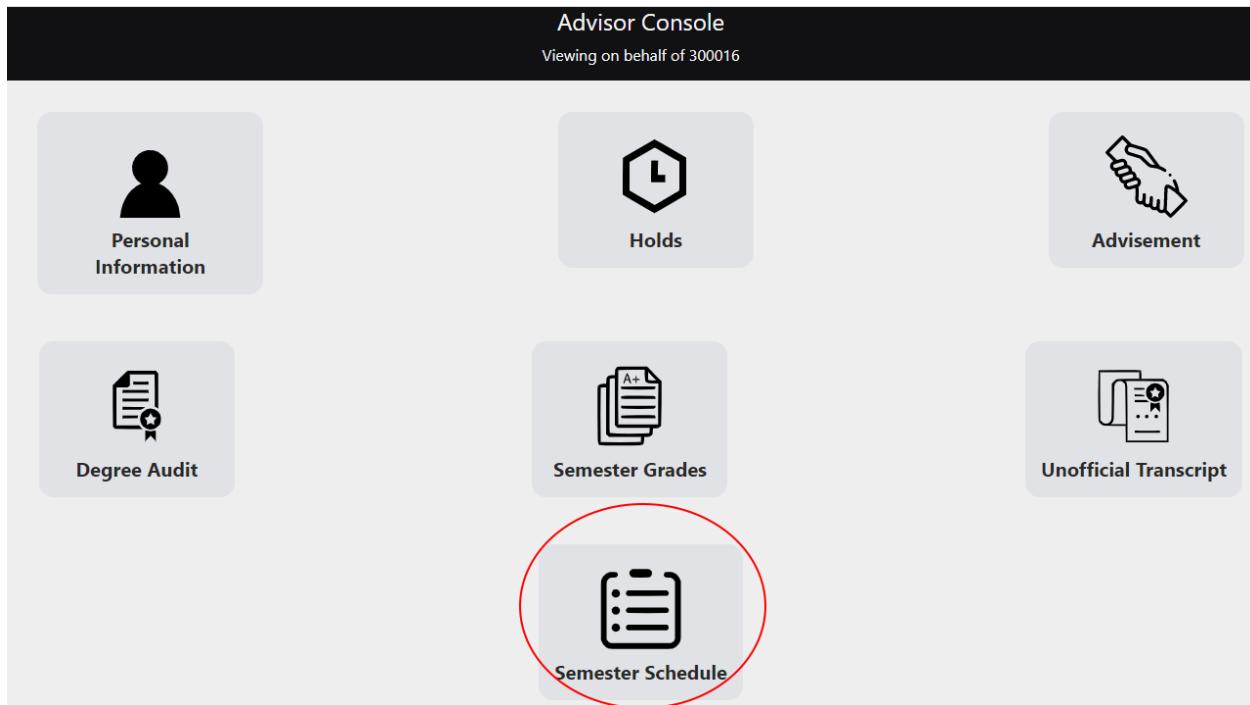


Figure 6.23 Select Semester Schedule

6.5.7.2 Output:

Semester Schedule										
	CRN	Course ID	Section	Faculty	Building	Room	Day	Start	End	
<button>View</button>	2220045	AS6310	001	322915	Sandhill Cluster	SC242	Wednesday Friday	12:45 AM 12:45 AM	2:00 PM 2:00 PM	
<button>View</button>	2220047	AS6410	001	303544	Pacific Cluster	PC220	Monday Friday	8:15 PM 11:15 AM	9:30 PM 12:30 AM	
<button>View</button>	2220227	HI6310	001	344369	Pacific Cluster	PC220	Tuesday Thursday	2:15 PM 2:15 PM	3:30 PM 3:30 PM	
<button>View</button>	2220241	LI6000	001	396300	Alopex Building	AB033	Monday Wednesday	6:45 AM 6:45 AM	8:00 AM 8:00 AM	

Figure 6.24 View Student’s Semester Schedule

- View the Student's course section information, including the attendance and roster (the Student cannot see the roster and attendance) by selecting "View" button of specific course

Course Section Information

Semester: Fall 2022
CRN: 2220045
Course: AS6310
Department: American Studies
Professor: Rodrigo Gilfilland
Location: Sandhill Cluster, Room 242
Time:
 Wednesday 12:45 AM - 2:00 PM
 Friday 12:45 AM - 2:00 PM
Room Information:
Min/Max Seats: 5 / 15
Occupied Seats: 7

Roster

UID	First	Last	Time	Grade	Status
300053	Kimberlyn	Nizet	Full Time	S	Midterm
305023	Gav	Shrubb	Part Time	S	Midterm
309018	Baxy	Biofield	Full Time	S	Midterm
331764	Rachelle	Leveret	Full Time	S	Midterm
353771	Antons	Downs	Full Time	S	Midterm
356351	Beryle	Behnke	Full Time	S	Midterm
374910	Nerty	Durrett	Full Time	S	Midterm

Attendance

Student	2022 08 31	2022 09 02	2022 09 07	2022 09 09	2022 09 14	2022 09 16	2022 09 21	2022 09 23	2022 09 28	2022 10 05	2022 10 12	2022 10 19	2022 10 26	2022 11 02	2022 11 04	2022 11 09	2022 11 11	2022 11 16	2022 11 18	2022 11 23	2022 12 02	2022 12 07	2022 12 09		
300																									
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
305																									
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
309																									
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	✓	✓	✓	✓
331																									
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
353																									

Figure 6.25 View Course section Information

6.5.7.3 Exceptions: N/A

6.6.1 View All Advisors (Faculty)

Through the Administrator Advisement page, the Admin can view a list of all Advisors (Faculty). Select the “View Advisors” button to view this list of Advisors. The Admin can view everything the Faculty can view when they select the “View” button .

Administrator Advisement					
		View Advisees		View Advisors	
All Advisors					
	ID	First	Last	Phone	Email
<button>View</button>	300204	Pincas	Harmer	754-145-2161	pharme@aiuniversity.edu
<button>View</button>	300531	Gwenore	Purselow	305-888-7317	gpurse@aiuniversity.edu
<button>View</button>	300885	Franklynn	Sweetland	573-280-9734	fsweet@aiuniversity.edu
<button>View</button>	301263	Erminie	Bednall	847-112-8072	ebedna@aiuniversity.edu
<button>View</button>	301272	Aristotle	Rossi	915-912-0241	arossi@aiuniversity.edu
<button>View</button>	301288	Prince	Riglesford	214-849-1495	prigle@aiuniversity.edu
<button>View</button>	301684	Pacorro	Deal	847-835-4916	pdeal@aiuniversity.edu
<button>View</button>	301879	Whitney	Barendsen	713-504-0008	wbaren@aiuniversity.edu

Figure 6.26 View Advisors in Administrator Advisement

Administrator Advisement					
	View Advisees		View Advisors		
All Advisors					
				Rows per page:	15 ▾ 1–15 of 342 < >
ID	First	Last	Phone	Email	
View	300204	Pincas	Harmer	754-145-2161	pharme@aiuniversity.edu
View	300531	Gwenore	Purcelow	305-888-7317	gpurse@aiuniversity.edu
View	300885	Franklynn	Sweetland	573-280-9734	fsweet@aiuniversity.edu
View	301263	Erminie	Bednall	847-112-8072	ebedna@aiuniversity.edu
View	301272	Aristotle	Rossi	915-912-0241	arossi@aiuniversity.edu
View	301288	Prince	Riglesford	214-849-1495	prigle@aiuniversity.edu
View	301684	Pacorro	Deal	847-835-4916	pdeal@aiuniversity.edu
View	301879	Whitney	Barendtsen	713-504-0008	wbaren@aiuniversity.edu

Figure 6.27 Select “View” to view an account on behalf of a Faculty

The screenshot shows the "Advisor Console" interface. At the top, it says "Viewing on behalf of 300204". Below this, there are three main sections:

- Personal Information:** Represented by a user icon and the text "Personal Information".
- Semester Schedule:** Represented by a clipboard icon and the text "Semester Schedule".
- Advisement:** Represented by a handshake icon and the text "Advisement".

Figure 6.28 View of a Faculty account

6.6.2 View Personal Information on behalf of a Faculty

6.6.2.1 Input:

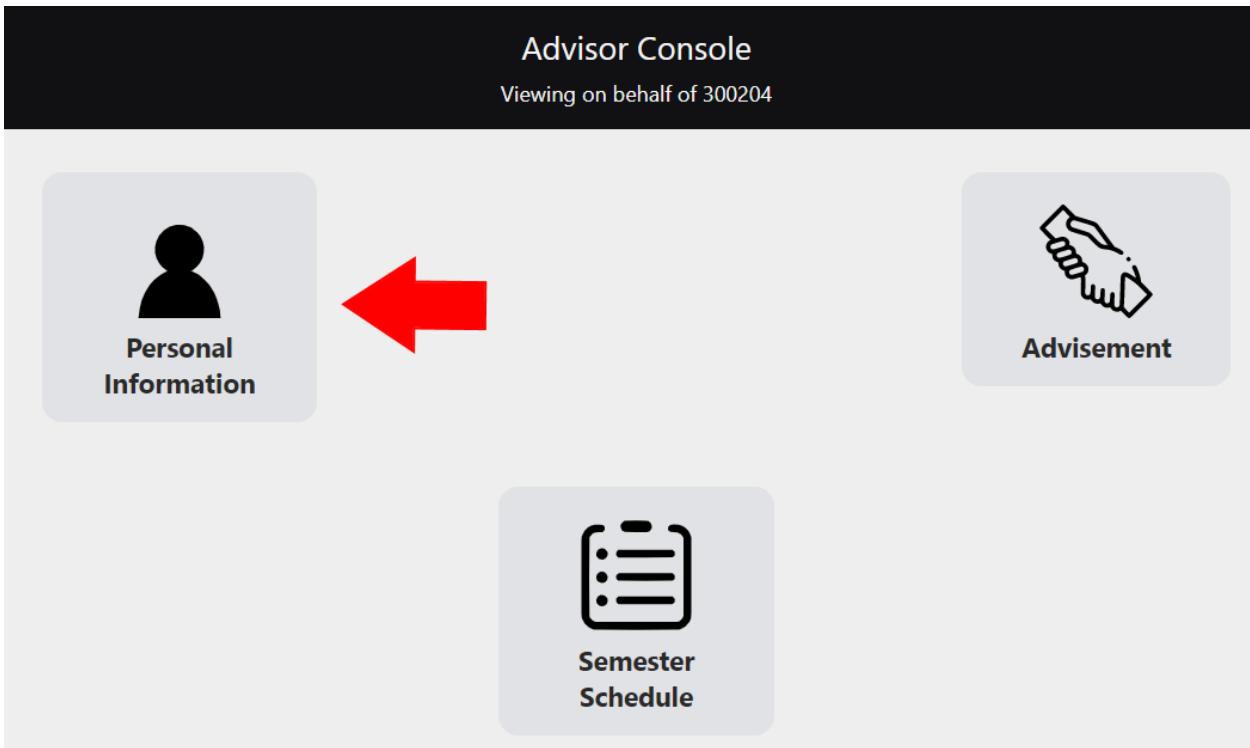


Figure 6.29 Select Personal Information to view the Faculty's personal information

6.6.2.2 Output

The screenshot shows the 'Advisor Console' interface with a dark header bar. The header displays the text 'Advisor Console' and 'Viewing on behalf of 300204'. Below the header is a blue button with the text '< Back to Advisor Console'. To the left of the main content area is a circular profile picture of a person. To the right of the profile picture, the name 'Pincas Harmer' is displayed. The main content area has a dark background. On the left side of this area, there is a vertical menu with the following options: 'About', 'Overview', 'Education', 'Residence', and 'Contact Info'. On the right side, under the 'About' section, there is a table-like structure with the following data:
Name: Mr. Harmer, Pincas
Role: Faculty, Full Time Professor
Lives in: Pompano Beach, Florida
Gender: Male

Figure 6.3 View Faculty's Personal Information

6.6.2.3 Exceptions: N/A

6.6.3 View Advisement on behalf of Faculty

6.6.3.1 Input:

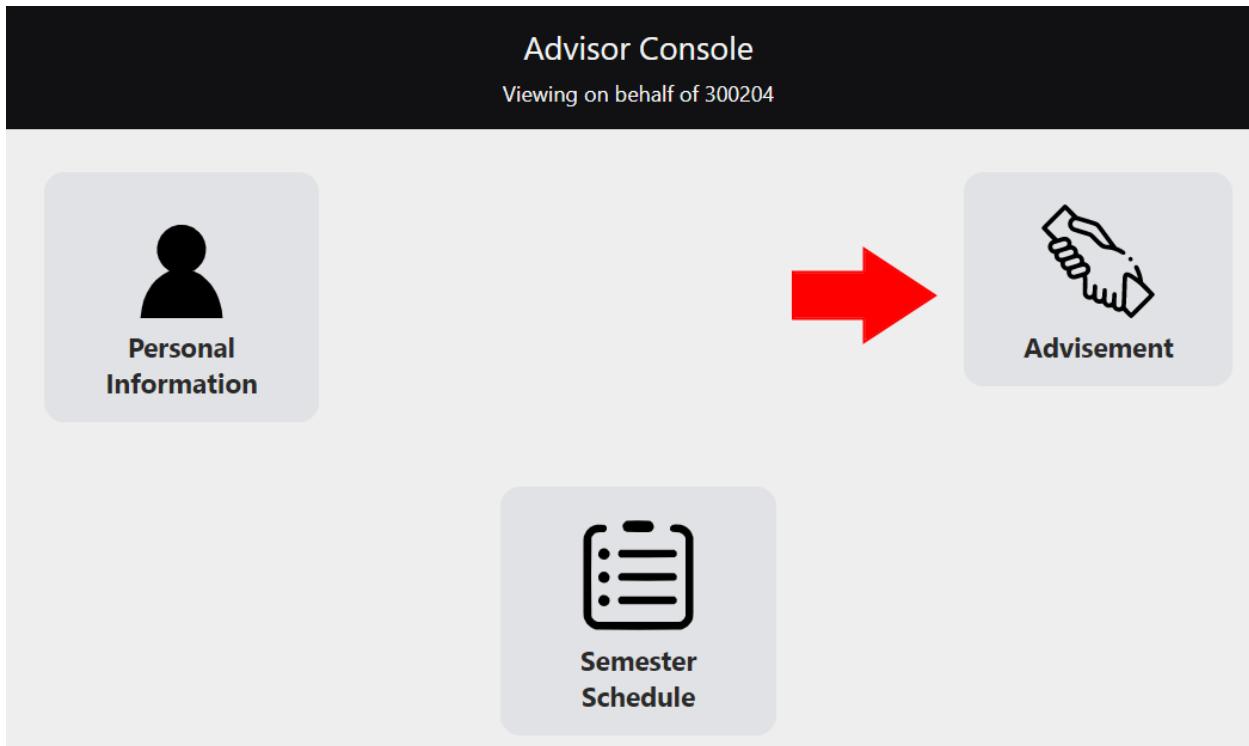


Figure 6.31 Select to view Advisement page of the Faculty

6.6.3.2 Output:

This screenshot displays the 'Your Advisor Information' page for Franklyn Sweetland. It includes her name, phone number, email, location, and office hours. Below this, there are two buttons: 'View Advisees' and 'View Advisors'. A radio button at the bottom allows switching between 'Your Advisees' and 'All Advisees'. The 'Your Advisees' tab is selected. A table lists five advisees with their first names, last names, phone numbers, and emails:

	First Name	Last Name	Phone Number	Email
View	Weber	Castellanos	559-169-5546	vcastle@aiuniversity.edu
View	AnneMarie	Aspole	315-711-9381	aspole@aiuniversity.edu
View	Rosalinda	Gymgel	816-423-1242	rgymge@aiuniversity.edu
View	Katerina	Caville	720-607-2002	kcavil@aiuniversity.edu

Figure 6.32 View Faculty's Advisement Page

6.6.3.3 Exceptions: N/A

6.6.4 View Semester Schedule on behalf of Faculty

6.6.4.1 Input:

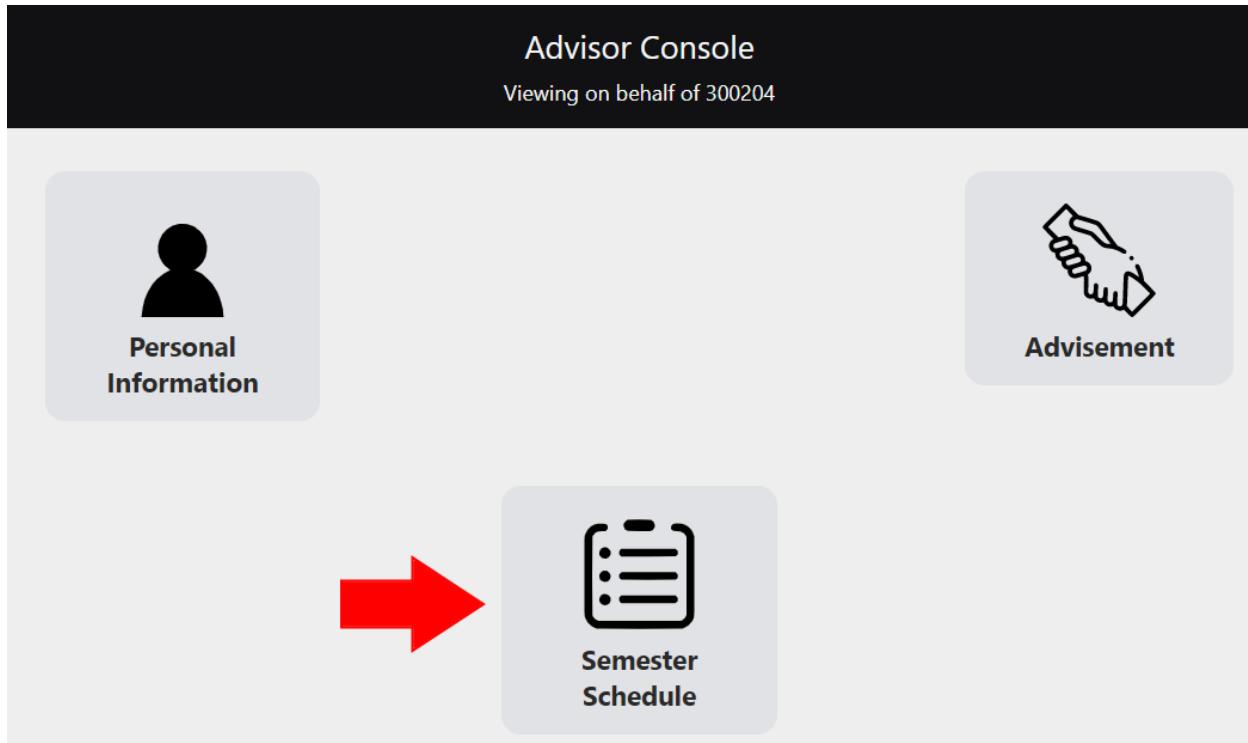


Figure 6.33 Select to view Faculty Semester Schedule

6.6.4.2 Output:

Semester Schedule										
	CRN	Course ID	Section	Faculty	Building	Room	Day	Start	End	
<input type="button" value="View"/>	2220162	EL3510	002	300204	Sandhill Cluster	SC242	Wednesday Friday	11:15 AM 11:15 AM	12:30 AM 12:30 AM	
<input type="button" value="View"/>	2220320	PE2430	001	300204	Vitus Bering Academic Building	VB043	Monday Tuesday	3:45 PM 6:45 AM	5:00 PM 8:00 AM	

Figure 6.34 View of Faculty Semester Schedule

6.7 All Users

A primary admin has access to a comprehensive list of every user that is active at the university, including all students, faculty members, researchers and other, secondary administrators.

User Search				
	User ID	User Name	User Types	
<input type="text"/>		<input type="text"/>	<input type="checkbox"/> Student <input type="checkbox"/> Faculty <input type="checkbox"/> Researcher <input type="checkbox"/> Administrator	
Rows per page:	15 ▾	1–15 of 2493	< >	
	UID	First Name	Last Name	User Type
<input type="button" value="View"/>	300016	Stephani	Wadley	Student
<input type="button" value="View"/>	300053	Kimberlyn	Nizet	Student
<input type="button" value="View"/>	300092	Wilona	Menere	Student
<input type="button" value="View"/>	300116	Bjorn	Bertrand	Faculty
<input type="button" value="View"/>	300204	Pincas	Harmer	Faculty
<input type="button" value="View"/>	300340	Peterus	Ladewig	Student
<input type="button" value="View"/>	300343	Gertie	Aldiss	Student
<input type="button" value="View"/>	300360	Standford	Lowdham	Student

Fig 6.34 A list of all Users

6.7.1 Search Users

Users are searchable by: User Type, User Name, and User ID.

6.7.1.1 Input:

- Select one or more User Type from picklist
- Type Value into User ID or User Name

User Search				
	User ID	User Name	User Types	
<input type="text"/>		<input type="text"/>	<input type="checkbox"/> Student <input type="checkbox"/> Faculty <input type="checkbox"/> Researcher <input type="checkbox"/> Administrator	

Figure 6.35

6.7.2 View User from All Users

6.7.2.1 Input:

- Select “View” on a User

User Search

User ID <input type="text"/>	User Name <input type="text"/>	User Types <input type="checkbox"/> Student <input type="checkbox"/> Faculty <input type="checkbox"/> Researcher <input type="checkbox"/> Administrator
---------------------------------	-----------------------------------	---

Rows per page: 15 ▾ 1-15 of 2493 < >

UID	First Name	Last Name	User Type
300016	Stephani	Wadley	Student
300053	Kimberlyn	Nizet	Student
300092	Wilona	Menere	Student

Figure 6.36

6.7.2.2 Output:

- View User Account on behalf of the User selected

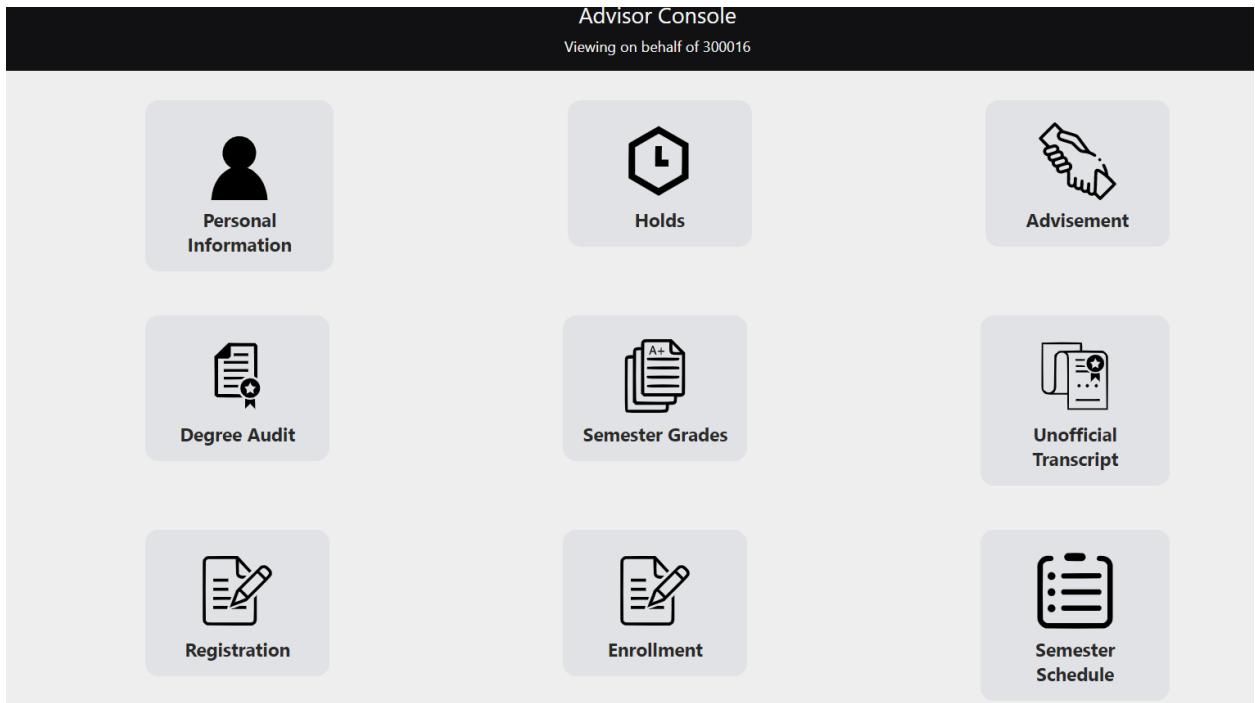


Figure 5.43

6.7.2.3 Exceptions: N/A

4. Researcher

The Researcher has access to their own personal information as well as the course catalog and master schedule. The Researcher also has the capability to

view certain system statistics. The Researcher cannot see defining characteristics of any User - their Name and ID will be anonymous.

7.1 Researcher Profile

When a user logs in with the credentials matching that of a Researcher, they are greeted with the Researcher Account Information landing page. This page displays the student's basic information, such as their name, gender, address, etc. The "Profile" page can be found on the Left hand navigation column under the "Account" tab.

7.1.1 View Researcher Profile Page

The screenshot shows a dark-themed web application interface. On the left, a vertical navigation bar includes links for 'Account' (with 'Account' and 'Profile' sub-options), 'Researcher', and 'Logout'. The main content area features a user profile for 'Peadar Lyste' with a placeholder profile picture. Below the name is a large 'Edit' button. To the left of the edit button is a detailed profile summary:

Name: Mr. Lyste, Peadar
Role: Researcher,
Lives in: Colorado Springs, Colorado
Gender: Male

On the far left of the main content area, there is a sidebar with navigation links: 'About', 'Overview', 'Education', 'Residence', and 'Contact Info'.

Figure 7.01 View of Researcher Account Information landing page

7.1.2 Edit Personal Information:

A user can edit their personal information. Editing this information will reflect on their Account page. A user may choose to update one field or many.

This screenshot is identical to Figure 7.01, but the 'Edit' button in the top right corner of the profile summary section is circled in red, indicating it should be selected to edit the user's personal information.

Figure 7.02 Select "Edit" to edit user personal information

7.1.2.1 Input:

- First Name
- Last Name

- Phone Number
- Gender
- Honorific
- D.O.B
- House Number
- Street
- City
- State
- Country
- Zip Code

Edit Profile

First Name:	<input type="text" value="Franklynn"/>
Last Name:	<input type="text" value="Sweetland"/>
Phone:	<input type="text" value="573-280-9734"/>
Gender:	<input type="button" value="Select option ▾"/>
Honorific:	<input type="button" value="Select option ▾"/>
Birthdate:	<input type="text" value="03 / 22 / 1993"/> <input type="button" value=""/>
House Number:	<input type="text" value="39"/>
Street:	<input type="text" value="Mitchell"/>
City:	<input type="text" value="Columbia"/>
State:	<input type="text" value="Missouri"/>
Country:	<input type="text" value="United States"/>
Zip:	<input type="text" value="65211"/>
<input type="button" value="Apply"/> <input type="button" value="Back"/>	

Figure 7.03 Edit Profile form

7.1.2.2 Output:

- Information changed in “Edit Profile” form is reflected in the user’s Profile

7.1.2.3 Exception: N/A

7.2 Account

7.2.1 User password change

The user can change their own password once they have accessed their account. The password change is located in the “Account” tab under the “Account” sub-tab. When a user is changing their password, they must take into account that their new password must be between 7 and 17 characters.

7.2.1.1 Input:

- Current Password
- New Password
- “Apply” button

The screenshot shows a "Change Password" form. At the top, it says "Change Password". Below that, there are two input fields: "Current Password" and "New Password", each with a small placeholder icon. At the bottom is a single "Apply" button.

Figure 7.04 Change password form

7.2.1.2 Output:

- Password changed to the “New Password” the user inputted

7.2.1.3 Exception:

- “Current Password” entered incorrectly
- “New Password” entered is not the appropriate length

7.3 Master Schedule

The Master Schedule is a collection of Course Sections that are being offered the current semester and the next. The User may search through the semester schedule. From the list of Course Sections, the User can also view specific details about a selected Course Section.

7.3.1 View Master Schedule

The Master Schedule includes pagination functionality, allowing the user to flip through pages to view groups of Course Sections at a time.

The master schedule has a multi-search tool that allows a User to layer search items as they please. Ex. A User can search for Computer Science courses being offered only on Mondays and Wednesdays.

The screenshot shows the 'Master Schedule' interface. At the top, there are search filters for 'Semester' (Fall 2022), 'CRN', 'Department' (Any), 'Course ID', 'Course Name', 'Instructor Name', 'Room', and 'Credits'. Below these are dropdown menus for 'Days' (Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday) and 'Periods' (6:45 AM - 8:00 AM, 8:15 AM - 9:30 AM, 9:45 AM - 11:00 AM, 11:15 AM - 12:30 PM, 12:45 PM - 2:00 PM, 2:15 PM - 3:30 PM, 3:45 PM - 5:00 PM, 5:15 PM - 6:30 PM, 6:45 PM - 8:00 PM, 8:15 PM - 9:30 PM). The main area displays a table titled 'Fall 2022' with columns: CRN, Course, Credits, Name, Sec, Instr, Room, Day, Time, Min, Cap, Act, and Dept. The table lists various course sections, each with a 'View' button. The data from the table is as follows:

CRN	Course	Credits	Name	Sec	Instr	Room	Day	Time	Min	Cap	Act	Dept
2220001	AS1512	4	Introduction to Women's Studies	001	Hazel Scranny	AB108	M W	8:45 AM - 8:00 AM 8:45 AM - 8:00 AM	5	15	15	American Studies
2220002	AS1512	4	Introduction to Women's Studies	002	Godart Dovey	AB112	M Th	8:45 AM - 8:00 AM 8:45 AM - 8:00 AM	5	15	5	American Studies
2220003	AS2112	4	American People I	001	Merralee Colbreath	AB112	M F	8:15 PM - 8:30 AM 8:45 PM - 8:00 PM	5	15	14	American Studies
2220004	AS2112	4	American People I	002	Fidelia Harsum	SC123	M T	8:15 AM - 9:30 AM 8:15 AM - 9:30 AM	5	15	14	American Studies
2220005	AS2112	4	American People I	003	Ashley Compton	PC224	M Th	8:15 AM - 9:30 AM 8:15 AM - 9:30 AM	5	15	5	American Studies
2220006	AS2122	4	American People II	001	Dario Wennman	AB232	M F	8:15 AM - 9:30 AM 8:15 AM - 9:30 AM	5	15	15	American Studies
2220007	AS2122	4	American People II	002	Dionysus Anatiss	SC123	M W	9:45 AM - 11:00 AM 9:45 AM - 11:00 AM	5	15	13	American Studies
2220008	AS2252	4	U.S. Social Movements	001	Hazel Scranny	SC141	T Th	9:45 AM - 11:00 AM 9:45 AM - 11:00 AM	5	15	5	American Studies
2220009	AS2282	4	African American History I	001	Jacinta Bullick	AB108	T F	9:45 AM - 11:00 AM 9:45 AM - 11:00 AM	5	15	15	American Studies
2220010	AS2282	4	African American History I	002	Bjorn MacRory	SC208	M W	11:15 AM - 12:30 AM 11:15 AM - 12:30 AM	5	15	8	American Studies

Figure 7.14 View of Master Schedule

7.3.2 Search Master Schedule by Semester

Select a Semester to view all course sections offered during that Semester.

7.3.2.1 Input:

Select Semester from drop down

Semester
Fall 2022
Fall 2022
Spring 2023

CRN
Course ID
Course Name
Instructor Name
Room
Credits

Department
-- Any --

Days
 Sunday
 Monday
 Tuesday
 Wednesday
 Thursday
 Friday
 Saturday

Periods
 6:45 AM - 8:00 AM
 8:15 AM - 9:30 AM
 9:45 AM - 11:00 AM
 11:15 AM - 12:30 PM
 12:45 AM - 2:00 PM
 2:15 PM - 3:30 PM
 3:45 PM - 5:00 PM
 5:15 PM - 6:30 PM
 6:45 PM - 8:00 PM
 8:15 PM - 9:30 PM

Figure 7.15 Select Semester

7.3.2.2 Output:

- View all courses from selected Semester

7.3.2.3 Exceptions: N/A

7.3.3 Search Master Schedule by Department

7.3.3.1 Input:

- Select Department from drop down

Semester
Fall 2022

CRN
Course ID
Course Name
Instructor Name
Room
Credits

Department
-- Any --
-- Any --
Accounting, Taxation & Business Law
Adolescence Education
American Studies
Biological Sciences
Biological Sciences
Childhood Education & Literacy
Childhood Education & Literacy
English
Exceptional Education & Learning
Graduate Business
History & Philosophy
History & Philosophy
Management, Marketing & Finance
MAT Pedagogy
Mathematics, Computer & Information Science
Mathematics, Computer & Information Science
Modern Languages

Figure 7.16 Select Department

7.3.3.2 Output:

- View all courses from selected Department

7.3.3.3 Exceptions:

- No course sections are being offered the Semester within the Department selected

7.3.4 Search Master Schedule by Days

7.3.4.1 Input:

- Select one or more days from the picklist

The screenshot shows a search form for selecting days of the week. At the top, there is a dropdown menu labeled "Semester" with "Fall 2022" selected. Below it, there are several input fields: "CRN" (empty), "Course ID" (empty), "Course Name" (empty), "Instructor Name" (empty), "Room" (empty), and "Credits" (empty). To the right of these fields are two dropdown menus: "Department" (set to "- Any --") and "Days". The "Days" dropdown contains checkboxes for each day of the week: Sunday, Monday, Tuesday (selected), Wednesday, Thursday (selected), Friday, and Saturday. Below the "Days" dropdown is another dropdown menu labeled "Periods" containing a list of time intervals: 6:45 AM - 8:00 AM, 8:15 AM - 9:30 AM, 9:45 AM - 11:00 AM, 11:15 AM - 12:30 AM, 12:45 AM - 2:00 PM, 2:15 PM - 3:30 PM, 3:45 PM - 5:00 PM, 5:15 PM - 6:30 PM, 6:45 PM - 8:00 PM, and 8:15 PM - 9:30 PM.

Figure 7.17 Select Days

7.3.4.2 Output:

- View all courses that are being offered during the selected Days

7.3.4.3 Exceptions:

- No course sections are being offered during those specific days

7.3.5 Search Master Schedule by Periods

7.3.5.1 Input:

- Select one or more periods from the picklist

Semester
Fall 2022

CRN

Course ID

Course Name

Instructor Name

Room

Credits

Department
-- Any --

Days

- Sunday
- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday

Periods

- 6:45 AM - 8:00 AM
- 8:15 AM - 9:30 AM
- 9:45 AM - 11:00 AM
- 11:15 AM - 12:30 AM
- 12:45 AM - 2:00 PM
- 2:15 PM - 3:30 PM
- 3:45 PM - 5:00 PM
- 5:15 PM - 6:30 PM
- 6:45 PM - 8:00 PM
- 8:15 PM - 9:30 PM

Figure 7.18 Select Periods

7.3.5.2 Output:

- View all courses that are being offered during the selected Periods

7.3.5.3 Exceptions:

- No course sections are being offered during those specific periods

7.3.5 Search Master Schedule by CRN/CourseID/Course Name/Instructor Name/ Room/ Credits

7.3.5.1 Input:

- Type in values to desired text box option

Semester
Fall 2022

Fall 2022

Spring 2023

CRN

Course ID

Course Name

Instructor Name

Room

Credits

Department
-- Any --

Days

- Sunday
- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday

Periods

- 6:45 AM - 8:00 AM
- 8:15 AM - 9:30 AM
- 9:45 AM - 11:00 AM
- 11:15 AM - 12:30 AM
- 12:45 AM - 2:00 PM
- 2:15 PM - 3:30 PM
- 3:45 PM - 5:00 PM
- 5:15 PM - 6:30 PM
- 6:45 PM - 8:00 PM
- 8:15 PM - 9:30 PM

Figure 7.19 Type in Value for Specific text box

7.3.5.2 Output:

- View all courses that are being offered relevant to the search input

7.3.5.3 Exceptions:

- No course sections are being offered with the specific input values

7.3.6 View Course Section

7.3.6.1 Input:

- Select “View” button to the left of CRN column

Fall 2022													
	CRN	Course	Credits	Name	Sec	Instr	Room	Day	Time	Min	Cap	Act	Dept
<input type="button" value="View"/>	2220001	AS1512	4	Introduction to Women's Studies	001	Hazel Scranny	AB108	M W	6:45 AM - 8:00 AM	5	15	15	American Studies
<input type="button" value="View"/>	2220002	AS1512	4	Introduction to Women's Studies	002	Godart Dovey	AB112	M Th	6:45 AM - 8:00 AM	5	15	5	American Studies
<input type="button" value="View"/>	2220003	AS2112	4	American People I	001	Merralee Goldbreath	AB112	M F	6:45 PM - 8:00 AM	5	15	14	American Studies
<input type="button" value="View"/>	2220004	AS2112	4	American People I	002	Fidelia Harsum	SC123	M T	8:15 AM - 9:30 AM	5	15	14	American Studies
<input type="button" value="View"/>	2220005	AS2112	4	American People I	003	Ashley Compton	PC224	M	8:15 AM - 9:30 AM	5	15	5	American Studies

Figure 7.2 Select “View” to view Course Section details

7.3.6.2 Output:

- View course section information

Course Section Information

Semester: Fall 2022
CRN: 2220001
Course: AS1512
Department: American Studies
Professor: Hazel Scranny
Location: Alopex Building, Room 108
Time:
Monday 6:45 AM - 8:00 AM
Wednesday 6:45 AM - 8:00 AM
Room Information:
Min/Max Seats: 5 / 15
Occupied Seats: 15

Figure 7.21 View Course Section information

7.3.6.3 Exceptions: N/A

7.4.1 View Course Catalog

7.4.6.1 Input:

- Select Course Catalog from Researcher Console

7.4.6.2 Output:

- View Course Catalog

7.4.6.3 Exceptions: N/A

7.4.2 Course Catalog - Programs

7.4.3 View Programs:

View a list of all Programs offered by the school, categorized by Program Type

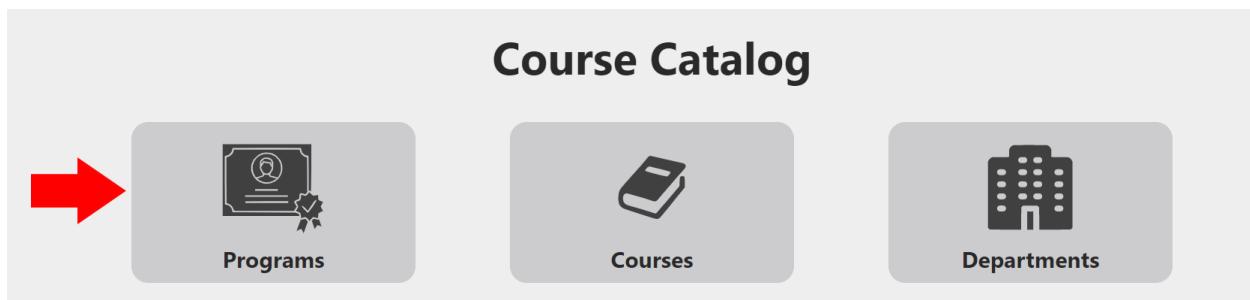


Figure 7.24

7.4.3.1 Input:

- Click “Programs” button on Course Catalog

7.4.3.2 Output:

The screenshot shows a search interface for Bachelor of Arts programs. At the top, there are three dropdown menus: "Program Type" (set to "-Any-"), "School" (set to "-Any-"), and "Department" (set to "-Any-"). To the right of these is an "Apply" button. Below this, the heading "Bachelor of Arts" is displayed. A list of program names follows, each preceded by a right-pointing arrow icon:

- American Studies, B.A.
- English: World Literature, B.A.
- History: Social Studies, B.A.
- Industrial and Labor Relations, B.A.
- Media and Communications, B.A.
- Philosophy and Religion, B.A.
- Politics, Economics and Law, B.A.
- Psychology, B.A.

View Searchable Programs Catalog
Figure 4.25

7.4.3.3 Exceptions: N/A

7.5.4 Search Programs

7.5.4.1 Input:

- Select “Program Type” drop down
- Select a Program Type
- Select “Apply” button

Program Type	School	Department
-Any-	-Any-	-Any-
-Any-	-Any-	-Any-
Bachelor of Arts	American Studies	Apply
Bachelor of Science		
Doctor of Philosophy		
Master of Arts		
Master of Arts in Teaching		
Master of Science		
Minor		
Bachelor of Arts	>	
English: World Literature, B.A.	>	
History: Social Studies, B.A.	>	
Industrial and Labor Relations, B.A.	>	
Media and Communications, B.A.	>	
Philosophy and Religion, B.A.	>	
Politics, Economics and Law, B.A.	>	
Psychology, B.A.	>	

Figure 7.26

7.5.4.2 Output:

- View Programs of selected Program Type

Program Type	School	Department
Bachelor of Science	-Any-	-Any-
	-Any-	-Any-
	-Any-	-Any-
Bachelor of Science		
Accounting, B.S.	>	
Adolescence Education: Biology, B.S.	>	
Adolescence Education: Chemistry, B.S.	>	
Adolescence Education: Mathematics, B.S.	>	
Biochemistry, B.S.	>	
Biological Sciences, B.S.	>	
Business Administration, B.S.	>	
Chemistry, B.S.	>	
Computer and Information Science, B.S.	>	
Criminology, B.S.	>	
Health & Society, B.S.	>	
Marketing, B.S.	>	

Figure 7.27

7.5.4.3 Exceptions: N/A

7.5.5 View Program

7.5.5.1 Input: Click on a Program

The screenshot shows a list of Bachelor of Science programs. The first item, "Accounting, B.S.", is highlighted with a dark grey background, indicating it has been selected. Other items in the list include "Adolescence Education: Biology, B.S.", "Adolescence Education: Chemistry, B.S.", "Adolescence Education: Mathematics, B.S.", "Biochemistry, B.S.", and "Biological Sciences, B.S.". Each item is preceded by a small grey arrow pointing to the right.

Bachelor of Science
Accounting, B.S.
Adolescence Education: Biology, B.S.
Adolescence Education: Chemistry, B.S.
Adolescence Education: Mathematics, B.S.
Biochemistry, B.S.
Biological Sciences, B.S.

Figure 7.32

7.5.5.2 Output:

- View selected Program details

The screenshot displays the details for the Accounting, (B.S.) program. At the top left is a button labeled "< Go Back to Search Programs". The main title is "Accounting, (B.S.)". Below the title is a descriptive paragraph: "Graduates with an accounting degree will competitively qualify for positions in public accounting, private accounting, government and not-for-profit organizations." Under "Total Credits: 88", there are sections for "Departments" (Accounting, Taxation & Business Law) and "Schools" (Business). A large callout box highlights the "Liberal Arts" requirement with a minimum of 18 credits, listing courses: BU3071 (4cr), BU3905 (2cr), MA2300 (4cr), PE2420 (4cr), and PE2430 (4cr). Another callout box at the bottom highlights the "Business" requirement with a minimum of 30 credits.

Liberal Arts
Minimum Credits: 18

Business
Minimum Credits: 30

Figure 7.33

7.5.5.3 Exceptions: N/A

7.6.1 Course Catalog - Courses

7.6.1 View Courses

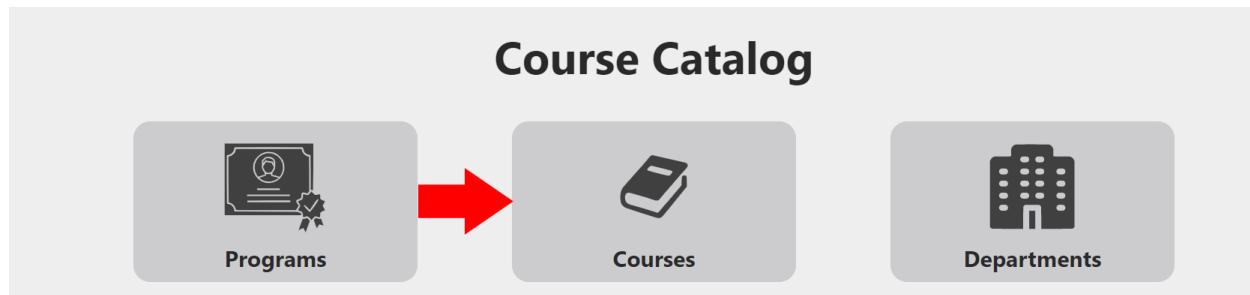


Figure 7.43

7.6.1.1 Input:

- Click “Courses” button in Course Catalog

7.6.1.2 Output:

- View Searchable Course Catalog

Course Search					
Course ID		Name	Credits	Department	Description
View	AS5725	Senior Media Portfolio	4	American Studies	In this capstone production course, students create an online media portfolio in their chosen medium. Throughout the term, work samples are developed and improved through individualized study and regular critique. Typically
View	AS5800	Research in American History and	4	American Studies	In this course, students will learn how to do historical research including use of primary documents, archival research, quantitative methods and oral history. Using these techniques, students will then write a research paper. Offered
View	AS5862	The Journalist as Creative	4	American Studies	Many American journalists have written fiction and creative nonfiction. This course examines both types of writing and studies, for example, the works of Mark Twain, Ernest Hemingway, Joan Didion, Alex Haley, and Hunter
View	AS6310	Atlantic Slavery and Folklore	3	American Studies	This course will trace the history of the Atlantic Slave trade and the ensuing political and folkloric developments that emerged in the United States, Latin America and the Caribbean. Lending sustained attention to slave communities
View	AS6320	American Cities in the 20th Century	3	American Studies	This readings course will give graduate students an overview of both the history and the historiography of 20th century U.S. cities. The course begins with the living conditions and social world of immigrants in the early 20th
View	AS6330	Visualizing America	3	American Studies	This course examines the visual production of U.S. artists and photographers, ranging from the majesty of Hudson River school canvases to Andy Warhol's glib, late twentieth-century soup cans. The course identifies and traces central
View	AS6340	New Media Narratives	3	American Studies	The course explores new media storytelling and the sociopolitical implications of interactive and participatory narratives and examines a wide range of new media forms including: online journalism, interactive cinema, database
View	AS6350	Ethnographic Media	3	American Studies	This seminar and production class explores ethnographic media as a tool for scientific exploration, cultural definition, and artistic expression. Through weekly readings, screenings and class discussions, we will address various
View	AS6360	Special Topics	3	American Studies	This course is offered on an occasional basis by Old Westbury or visiting faculty members. Topics vary depending on faculty expertise. See specific semesters for more information.

Figure 7.44

7.6.1.3 Exceptions: N/A

7.6.2 Search Course by Keyword or CourseID

Each course has specific details. These detailed fields are provided in the associated columns in the Course table. With the search bar, the user can search a keyword that will return courses including that keyword/words in any of the columns. These keywords can be:

- any word included in “Description”
- any word included in “Name”
- any word included in “Department”
- any two/three letter “CourseID” prefix.
- CourseID

Searching by a specific keyword results in displaying Courses with associated information of the columns displayed in the table.

7.6.2.1 Input:

- Enter a keyword
- Click “Search” button

7.6.2.2 Output:

- View all courses that have the word “Math” within any of the columns

Course Search					
Rows per page: 10	1–10 of 127	<	>		
Course ID	Name	Credits	Department	Description	
View CP3230 Mathematical Methods in the Physical Sciences	3	Chemistry & Physics		Application of advanced mathematical principles to problems in the physical sciences. Topics include infinite and power series, functions of several variables, matrix and vector algebra, Fourier analysis, special functions and differential equations. Offered periodically.	<input type="text" value="Math"/> <input type="button" value="Search"/>
View CS1010 Code Your World	4	Mathematics, Computer & Information Technology		This class is aimed at students with no prior programming experience, in any major, who wish to learn beginning programming concepts and gain confidence through an accessible project-based approach emphasizing block-based languages. In the spirit of ubiquitous computing and intrinsic motivation, the class projects will enable students to create in the context of applications that make up their world. The projects students will do include game creation, simulations design, algorithmic music composition, creation of electronically controlled objects, and more.	
View CS1500 Introduction To Computer Applications	4	Mathematics, Computer & Information Technology		This course is designed to provide the student with a comprehensive introduction to PCs. Topics include fundamental concepts, hardware components, software products, trends in computing and an introduction to the Microsoft Windows environment, including the use of the mouse and file management. Issues related to the impact computers have on society and current changes in technology are also discussed. Students will receive hands-on instruction in popular software applications including Microsoft Word, Excel, Access and PowerPoint.	
View CS1510 Advanced Computer Applications	4	Mathematics, Computer & Information Technology		This course continues the study of computers and data processing in the business environment. Topics include spreadsheets, databases, and decision-making using computers. Business and accounting majors will appreciate our coverage of the electronic spreadsheet package, Microsoft Excel. Topics include basic spreadsheet design, entering data, formating worksheets, database management software, and especially electronic spreadsheets which are used to implement decision-making using computers. Offered every semester.	
View CS2510 Computer Programming I	4	Mathematics, Computer & Information Technology		An introduction to problem solving through programming. Topics include program design and analysis; algorithmic processes, fundamental techniques of program development, debugging and testing. Programming projects and applications will be written in a structured computer language. Students learn the basic language features of C++/Java to write basic to intermediate level programs. Offered every semester.	
View CS2511 Computer Programming II	4	Mathematics, Computer & Information Technology		Continuation of CS 2510. Discussion of methods, arrays, class and object, inheritance, polymorphism, exceptions, file operations, and GUI (Graphical User Interface) applications. Basic data structures and algorithms like insertion sort, binary search in a sorted array, and recursion may also be discussed if time allows. Students write intermediate to advanced level programs in C++/Java. Offered every semester.	
View CS2521 Scientific Programming in Python	4	Mathematics, Computer & Information Technology		A fast paced introduction to program design and analysis; algorithmic processes, basic programming techniques, program specification & structure, program development, debugging and testing. Emphasis on scientific applications. Discussion of storage classes, files and string manipulation. Basic data structures and algorithms, data abstractions and object-oriented programming. Students learn the language features of Python with an eye toward scientific and data analysis applications.	
View CS2610 Visual Basic and Object-Oriented	4	Mathematics, Computer & Information Technology		This course provides an introduction to the Visual Basic programming language, programming concepts in terms of objects, algorithms and problem solving strategies. It will provide students with the critical thinking skills needed to design and write computer programs utilizing the components of Visual Basic. Students will learn how to develop professional real-life applications using Graphical User Interfaces and be introduced to programming topics such as objects, classes, control structures, methods, functions, strings and arrays.	
View CS3410 Interactive Multimedia Design	4	Mathematics, Computer & Information Technology		This course provides an introduction to Interactive multimedia design emphasizing animation, sound and video using Adobe Flash and ActionScript. Students will learn how to design and create professional multimedia applications for e-commerce, interactive instructional videos, and interactive web sites with rich internet applications 180 using state of the art multimedia software. Topics include the application of e-business strategies using interactive audio/video, drawing and color tools, animation, timeline effects, shape tweening,	
View CS3611 Advanced C#	4	Mathematics, Computer & Information Technology		This course provides an in-depth study of the skills and knowledge of C# programming. It is intended to reinforce and build upon the introductory programming course by introducing more advanced features of C# programming language and environment. Some of the advanced topics include SQL, database programming, reporting scheme, programming for the web and web forms, object-oriented programming, accessing data with ADO.NET. It also introduces basic technologies in ASP.NET. Offered every semester.	

Figure 7.48

7.6.2.3 Exceptions:

- Keyword/Keyword combination does not exist within the table

7.6.3 View Course Details

7.6.3.1 Input:

- Select “View” button to the left of the CourseID Column

Course Search				
Rows per page: 10	1-1 of 1	< >		AS5000 <input type="button" value="Search"/>
Course ID	Name	Credits	Department	Description
AS5000	Topics in U.S. History in Global	4	American Studies	This course will take an international perspective on the history of the United States. Thematic, geographic, and chronological focus will vary by instructor, but all courses will situate American history in the context of a global (or regional) historical development, compare an aspect of U.S. history with that of another country (or region), or explore the U.S.'s relationship with another country (or region). Potential topics might include: U.S. imperialism in Puerto Rico and the Philippines; a comparative history of slavery and abolition in the Americas; the history of the U.S. in the Middle East; the American, Haitian, and French revolutions; the colonial Atlantic World; women's rights movements in the U.S. and Europe; or the global Cold War. Offered every year.

Figure 7.44

7.6.3.2 Output:

- Course Details page

< Go Back to All Courses	
<h2>Topics in U.S. History in Global Perspective</h2>	
Course ID:	AS5000
Department:	American Studies
<p>This course will take an international perspective on the history of the United States. Thematic, geographic, and chronological focus will vary by instructor, but all courses will situate American history in the context of a global (or regional) historical development, compare an aspect of U.S. history with that of another country (or region), or explore the U.S.'s relationship with another country (or region). Potential topics might include: U.S. imperialism in Puerto Rico and the Philippines; a comparative history of slavery and abolition in the Americas; the history of the U.S. in the Middle East; the American, Haitian, and French revolutions; the colonial Atlantic World; women's rights movements in the U.S. and Europe; or the global Cold War. Offered every year.</p>	
<p>AND</p>	
OR	
AS2112: 11	AS2112: 11
AS2122: 11	AS2122: 11
AS2252: 11	AS2252: 11
AS2262: 11	AS2262: 11
AS2263: 11	AS2263: 11
AS2300: 11	AS2300: 11
AS2640: 11	AS2640: 11
AS3222: 11	AS3222: 11
AS3270: 11	AS3270: 11
AS3462: 11	AS3462: 11
OR	
AS2112: 11	
AS2122: 11	
AS2252: 11	
AS2262: 11	
AS2263: 11	
AS2300: 11	
AS2640: 11	
AS3222: 11	
AS3270: 11	
AS3462: 11	

Figure 7.5

7.6.3.3 Exceptions: N/A

7.7.1 Course Catalog - Departments

7.7.2 View Departments

View a list of all Departments offered by the school. The initial view when selecting “Departments” is a list of all departments. The user may

also view details about each Department by clicking on the Department name.

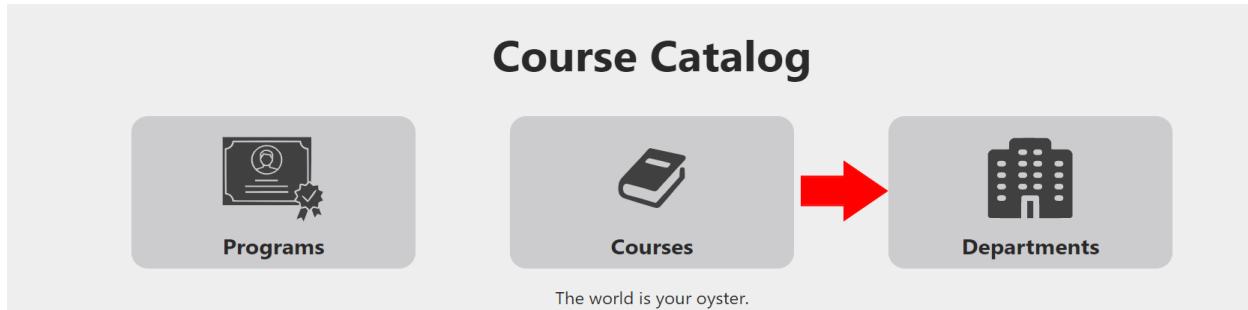


Figure 7.51

7.7.2.1 Input:

- Click “Departments” button in Course Catalog

7.7.2.2 Output:

- View Searchable Department Catalog

The screenshot shows a "Course Catalog" interface with three main buttons: "Programs", "Courses", and "Departments". Below these is a search bar labeled "School" with a dropdown menu set to "-Any-" and an "Apply" button. The main content area displays two sections: "Arts and Sciences" and "Business". The "Arts and Sciences" section lists various academic fields such as American Studies, Biological Sciences, Chemistry & Physics, English, History & Philosophy, Mathematics, Computer & Information Science, Modern Languages, Politics, Economics & Law, Psychology, Public Health, Sociology, and Visual Arts, each with a right-pointing arrow. The "Business" section lists Accounting, Taxation & Business Law and Graduate Business, also with right-pointing arrows.

Figure 7.52

7.7.2.3 Exceptions: N/A

7.7.3 Search Department by School

Every Department is part of a School. The user can search for Departments by narrowing the search down with the “School” drop down. The “School” drop down includes a clickable list of Schools.

7.7.3.1 Input:

- Select drop down
- Select a School
- Click “Apply” button

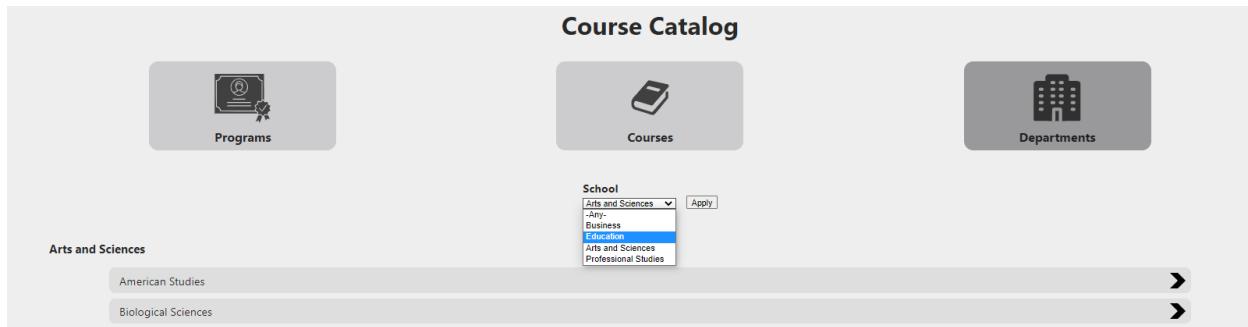


Figure 7.53

7.7.3.2 Output:

- View a list of Departments from the selected School

7.7.3.3 Exceptions: N/A

7.7.4 View a Department's Page

7.7.4.1 Input:

- Click on a Department from the list of Departments

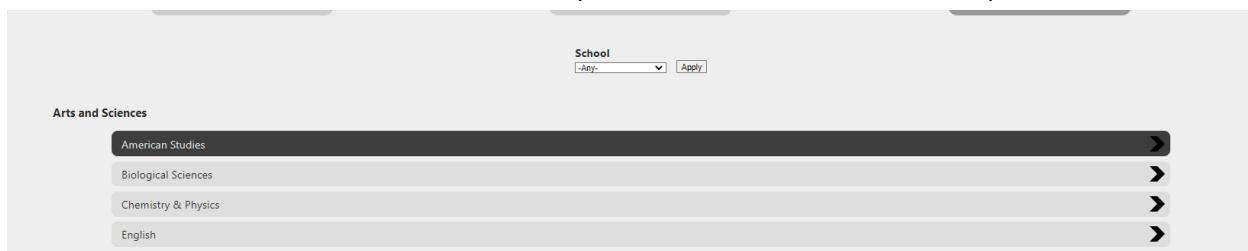


Figure 4.55

7.7.4.2 Output:

- View the selected Department's Detail page

The screenshot shows the 'American Studies' department detail page. At the top left is a button labeled '< Go Back to Search Departments'. The main title 'American Studies' is centered at the top. Below the title is a descriptive paragraph about the department's offerings and mission. A section titled 'Related Schools' includes a box for 'Arts and Sciences' with a description. A large gray callout box contains 'Contact Information' with sections for 'On-Campus Contact' (listing building, room, and phone) and 'Chairperson Contact' (listing name, location, email, and phone).

Figure 7.56

7.7.4.3 Exceptions: N/A

7.8 Researcher Statistics

The Researcher can View Multiple Charts that Relay Specific Statistics.

The Statistics are as follows:

- Graduate Students per Department (Dot Chart)
- Under Graduate Students Per Department (Bar Chart)
- Students per School (Pie Chart)

Research Statistics

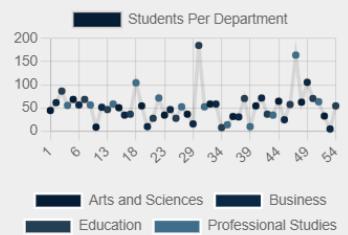
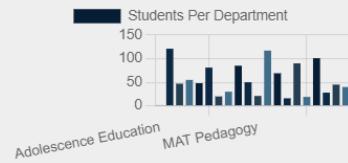


Figure 7.57

7. Appendix

7.1 Site Map

The following is a visual representation of the different paths a user can follow when entering the website. Each square represents a new page that the user will visit and interact with. The path is represented by the lines that connect the main home page (in blue) with the final layer of that path.

