

Advisr

Week 6 | Med-fi Prototyping



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Flow

Value Proposition

Tasks

Revised Interface

Med-Fi Prototype

Prototype Overview



Value Proposition

Problem: Students planning their course schedules are often confused which classes fulfill their requirements, satisfy their long-term learning goals, and fit in their schedules.

Solution: Advisr equips students with the best four-year plan to accomplish their goals. It helps students optimize classes based on interests, track multiple academic tracks, and easily generates 4 year plans.

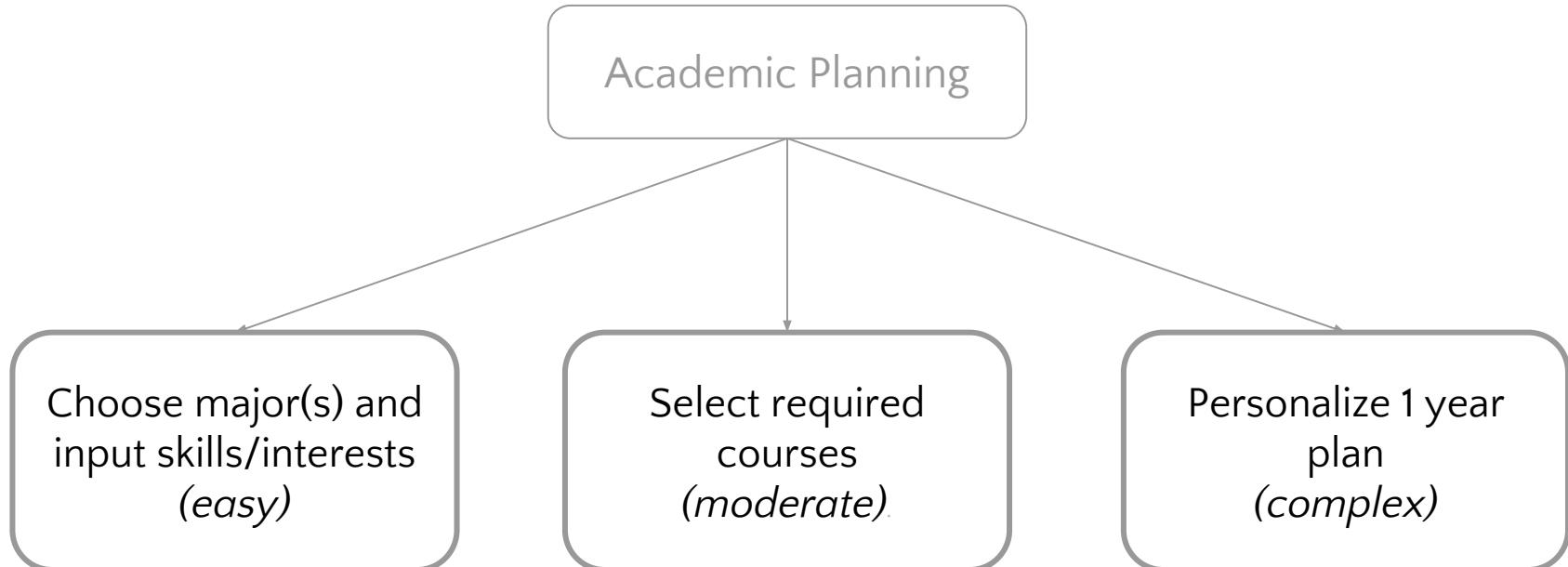
Task Flows

1





Our Tasks



**Note: this was revised last week. Rationale found in Week 5 write up*

Revised Interface Design

2

The screenshot shows the Marvel app interface. At the top, there's a toolbar with icons for Insert, Group, Ungroup, Create Symbol, Edit, Transform, Rotate, Flatten, Mask, Scale, Union, Subtract, and a search bar set at 8%. Below the toolbar is a header with "Marvel" and buttons for Sync Selected and Sync All. The main area is divided into two sections: a sidebar on the left and a canvas on the right.

Sidebar (Pages):

- Login
- Login final
- Stanford secure
- Onboarding** (selected)
- Dashboard
- Requirements

Canvas:

The canvas displays a grid of wireframes for the "Onboarding" section. The columns represent different screen variations, and the rows represent different stages or versions of those screens. The screens show a "Welcome to advisor_Jane!" header and various content blocks like "What's your primary interest?", "INTERESTS", and "INTERESTS".

Row	Column 1	Column 2	Column 3	Column 4
1) First Screen	1) First Screen	1) Sec...Path B	1) Thir...terests	
2) First Screen	2) First Screen	2) Sec...Path B	2) Thir...terests	
3) Sec...B Copy	3) Sec...B Copy	3) Sec...B Copy	3) Thir...terests	
4) Sec...Copy 2	4) Sec...Copy 2	4) Sec...Copy 2	4) Thir...terests	
5) Sec...B Copy	5) Sec...B Copy	5) Sec...B Copy	5) Thir...terests	
6) Thir...s Copy	6) Thir...s Copy	6) Thir...s Copy	6) Thir...s Copy	

Lo-fi Prototype Revisions



Revision 1

Ability to toggle between 1-week, 1-year and 4-year plans



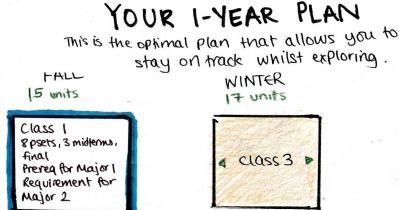
Jane



HOME



EQUIREMENTS



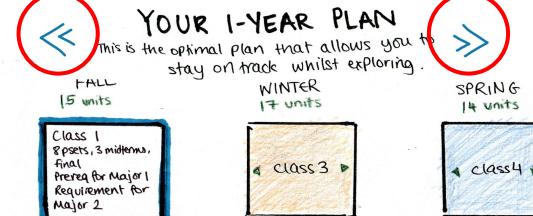
Jane



HOME



EQUIREMENTS





Revision 2

Make dashboard tiles clickable

Jane

HOME

PLANS

REQUIREMENTS

YOUR PROGRESS REPORT

OVERALL:

- 40 UNITS COMPLETE
- 140 UNITS NOT COMPLETE
- 14 AVG UNITS/QUARTER NEEDED

MAJOR 1: 10% COMPLETE, 75 UNITS LEFT

MAJOR 2: 15% COMPLETE, 50 UNITS LEFT

GRS: PWR 1 PWR 2 THINK WAYS: 2/10 COMPLETE

Major 1: Computer Science

Units: 10% complete, 90/100 units

Classes: 15% complete, 7/28 classes

Core Classes:
 CS106a
 CS106b
 CS107
 CS109
 DCS161
 DCS110

Electives:
 Elective 1
 Elective 2
 Elective 3
 Elective 4
 Elective 5
 Elective 6
 Elective 7
Change

DONE

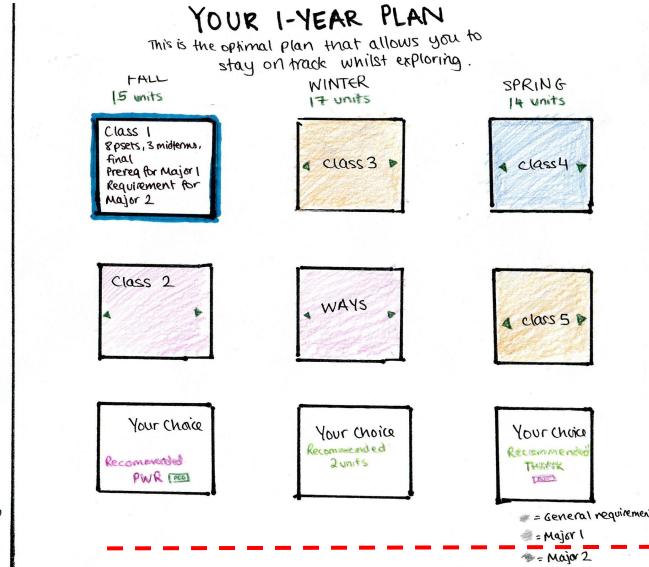


Revision 3

Added an export to Google Calendar functionality (class times, pset due dates, exams)



Jane



UI Revisions



Jane



EQUIREMENTS

YOUR 1-YEAR PLAN
This is the optimal plan that allows you to stay on track whilst exploring.

FALL	WINTER	SPRING
15 units	17 units	14 units
Class 1 8 psets, 3 midterms, final Prereq for Major 1 Requirement for Major 2	Class 3	Class 4

Class 2	WAYS	class 5
Your Choice Recommended PWR (PES)	Your Choice Recommended 2 units	Your Choice Recommended THICKY (PES)

Your Choice Recommended PWR (PES)	Your Choice Recommended 2 units	Your Choice Recommended THICKY (PES)
--------------------------------------	------------------------------------	---

Export to GCal

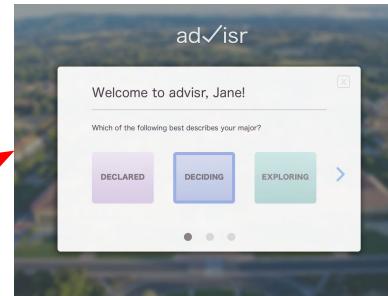
= General requirement
= Major 1
= Major 2

Medium-fi Task Flows



Med-Fi Flow 1

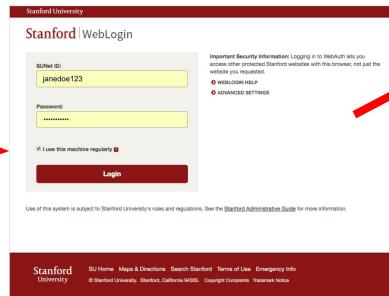
3



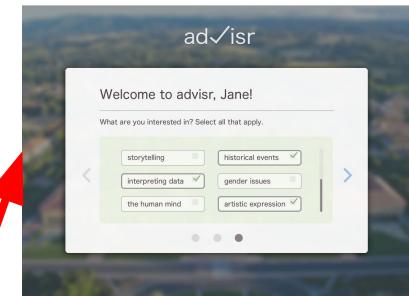
1



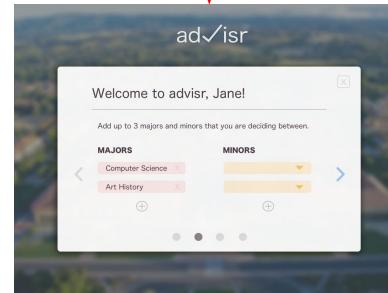
2



5



4



Task 1: Choose major(s) and input skills/interests (easy)



Med-Fi Flow 2

Your Course Requirements

MAJOR 1 (CS) MAJOR 2 (ARTHIST) GERs

WAYS

All	✓
AQR >	ER ✓
CE ✓	PWR 1 ✓
ED >	PWR 2 >
SMA >	SI >
LANG ✓	THINK ✓



Your Course Requirements

WAYS - AQR: Recommended for you
Drag and drop to reorder.

1. Science as a Creative Process	X
2. It IS Rocket Science	X
3. Dawn of the Drones	X
4. Natural Disaster Risk	X

Browse more AQR classes: +



Your Course Requirements

WAYS - AQR: Recommended for you
Drag and drop to reorder.

1. Dawn of the Drones	X
2. Science as a Creative Process	X
3. It IS Rocket Science	X
4. Natural Disaster Risk	X

Browse more AQR classes: +

Task 2: Select required courses (*moderate*).



Med-Fi Flow 3

Your One Year Plan: 2017-2018
(CS + ArtHist)

Fall Winter Spring

CS 109 x ARTHIST 130 x DRONES 200 x PWR 2 (A) x YOUR CHOICE YOUR CHOICE YOUR CHOICE

2 finals, 2 midterms, 2 weekly PSETS 1 finals, 3 final paper, 1 weekly PSETS 3 finals, 1 final paper, 1 weekly PSETS

Calendar View Required Classes

< CS Major > < Arthist Major > < WAYS >

Search for classes

Your One Year Plan: 2017-2018
(CS + ArtHist)

Fall Winter Spring

CS 109 x ARTHIST 130 x DRONES 200 x PWR 2 (A) x YOUR CHOICE YOUR CHOICE YOUR CHOICE

2 finals, 2 midterms, 2 weekly PSETS 1 finals, 3 final paper, 1 weekly PSETS 3 finals, 1 final paper, 1 weekly PSETS

Calendar View Required Classes

< CS Major > < Arthist Major > < WAYS >

Search for classes

Your Fall Q Plan: 2017
(CS + ArtHist)

OCTOBER 2017

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Calendar View Required Classes

Search for classes

Your Fall Q Plan: 2017
(CS + ArtHist)

OCTOBER 2017

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Calendar View Required Classes

Task 3: Personalize 1 year plan (complex)

Prototype Overview

3

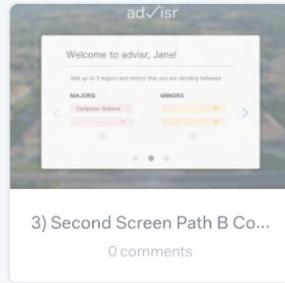
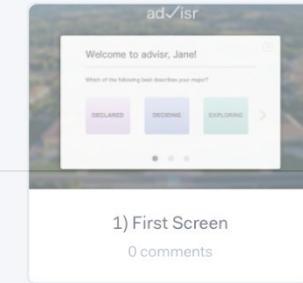
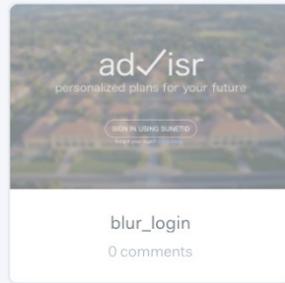
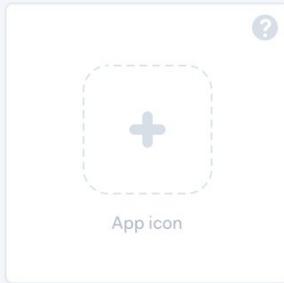
advisr medium-fi prototype

AP



+ Add images

Design



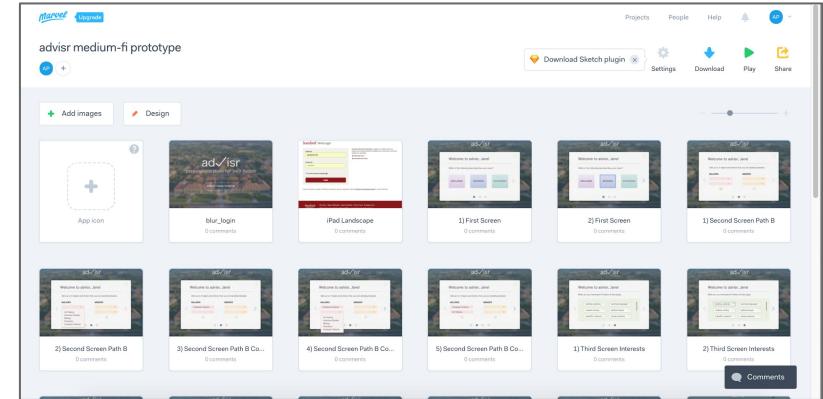
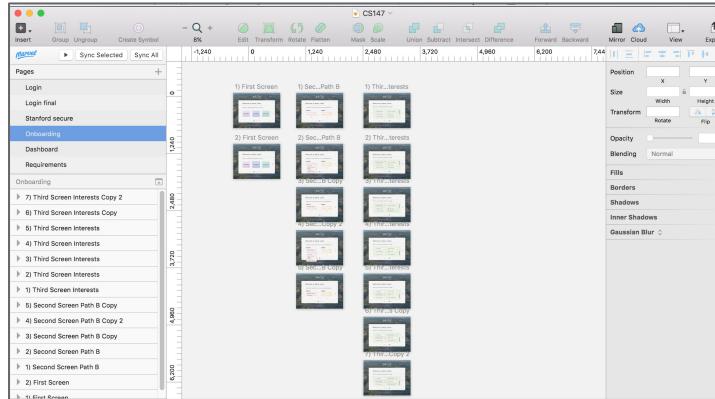
Down



Prototyping Tools

Tools:

We used Sketch to draw up our prototypes, and Marvel to add navigation functionality.





Prototyping Tools

Benefits:

Able to

- + Easily mock up app elements
- + Use hotspots to create realistic interactions

Drawbacks:

Unable to...

- Show 'drag and drop' user action, a key element of our UI



Tradeoffs & Decisions

We decided to....

- + Only choose one user path (a student deciding between a few majors). This would allow us to hone interactions for our most frequent user.
- + Hard code specific majors and paths. Although this eliminates the element of delight that a student might experience, it would be impossible to prototype every such combination.



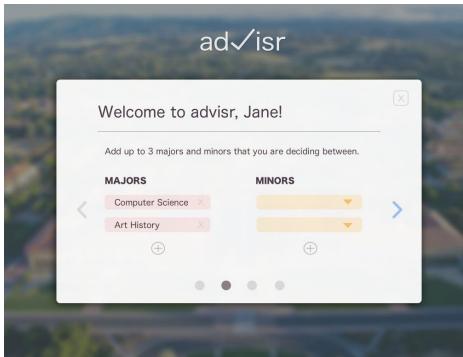
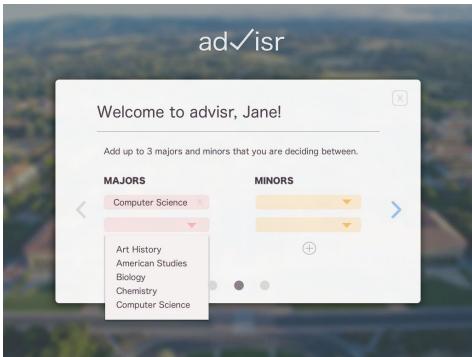
Design Choices

The screenshot shows a user interface titled "Your Course Requirements". At the top, there are three tabs: "MAJOR 1 (CS)", "MAJOR 2 (ARTHIST)", and "GERs". The "MAJOR 1 (CS)" tab is selected. Below the tabs, a message reads: "WAYS - AQR: Recommended for you Drag and drop to reorder." A list of four items is shown, each with a delete icon (three horizontal lines and an 'X'): 1. Science as a Creative Process, 2. It IS Rocket Science, 3. Dawn of the Drones, and 4. Natural Disaster Risk. To the right of the list is a button labeled "Browse more AQR classes:" with a plus sign inside a circle. The overall design is dark-themed with light-colored cards for the course lists.

Wizard-of-Oz'd the AI capabilities by displaying what the UI might look like if we had access to sophisticated technology.

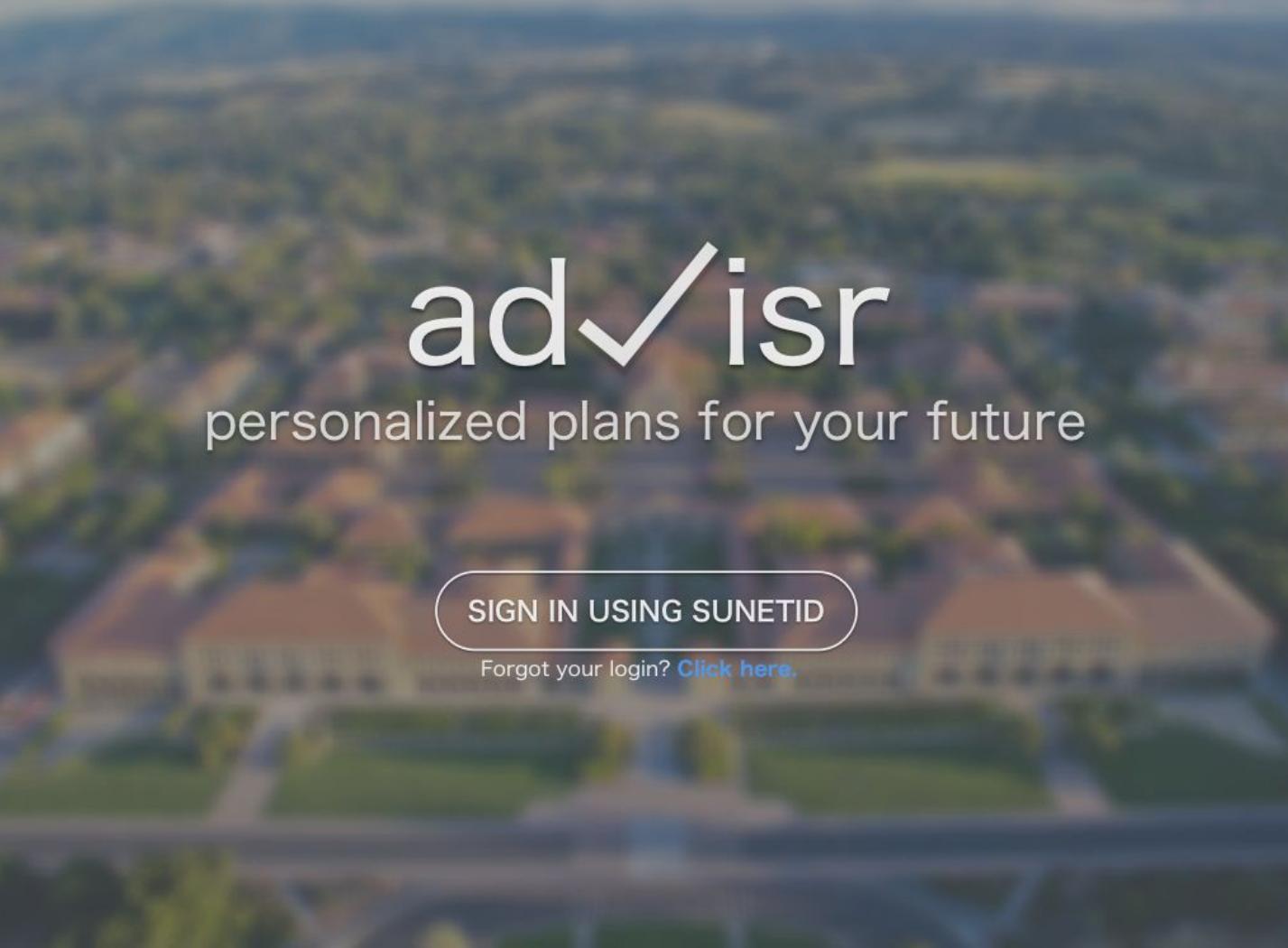


Design Choices



Hard coded user profile as a student considering CS and Art History majors

Additional Prototype Screenshots



ad✓isr

personalized plans for your future

SIGN IN USING SUNETID

Forgot your login? [Click here.](#)

ad✓isr



Welcome to advisr, Jane!

Which of the following best describes your major?

DECLARED

DECIDING

EXPLORING



ad✓isr



Welcome to advisr, Jane!

Add up to 3 majors and minors that you are deciding between.

MAJORS

Computer Science



- Art History
- American Studies
- Biology
- Chemistry
- Computer Science

MINORS



ad✓isr



Welcome to advisr, Jane!

Add up to 3 majors and minors that you are deciding between.

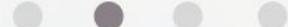
MAJORS

Computer Science X

Art History X



MINORS



ad✓isr

Welcome to advisr, Jane!

What are you interested in? Select all that apply.

storytelling



historical events



interpreting data



gender issues



the human mind



artistic expression





Your Graduation Progress Report

Summary: November 3, 2017

Sophomore: Undeclared

50 units

complete

130 units

incomplete

16 units/q

avg. needed to
go abroad

Dashboard
Settings



View Plans

Major 1: Computer Science



20%
complete

Core Requirement

CS106A



CS106B



CS107



Electives

CS147



CS142



CS108





Your Graduation Progress Report

Summary: November 3, 2017

Sophomore: Undeclared

50 units

complete

130 units

incomplete

16 units/q

avg. needed to
go abroad

Dashboard
Settings



View Plans

Major 1:
Computer Science



20%
complete

Major 2:
Art History



30%
complete

GERs

PWR 1



WAYS

PWR 2



2/8
complete

THINK



LANG





Your Course Requirements

MAJOR 1 (CS)

MAJOR 2 (ARTHIST)

GERs

WAYS

All



AQR



CE



ED



ER



FR



SI



SMA



PWR 1



PWR 2



THINK



LANG





Your Course Requirements

MAJOR 1 (CS)

MAJOR 2 (ARTHIST)

GERs

WAYS - AQR: Recommended for you
Drag and drop to reorder.

1. Science as a Creative Process X

2. It IS Rocket Science X

3. Dawn of the Drones X

4. Natural Disaster Risk X

Browse more
AQR classes:





Your Course Requirements

MAJOR 1 (CS)

MAJOR 2 (ARTHIST)

GERs

WAYS - AQR: Recommended for you
Drag and drop to reorder.

1. Dawn of the Drones X

2. Science as a Creative Process X

3. It IS Rocket Science X

4. Natural Disaster Risk X

Browse more
AQR classes:





Your One Year Plan: 2017-2018

(CS + ArtHist)

Fall	Winter	Spring
CS 109 X	CS 103 X	CS 110 X
ARTHIST 130 X	ARTHIST 172 X	ARTHIST 145 X
DRONES 200 X	PWR 2 (A) X	YOUR CHOICE
YOUR CHOICE	YOUR CHOICE	YOUR CHOICE

Calendar View

Required Classes

[< CS Major >](#)

[< ArtHist Major >](#)

[< WAYS >](#)

Search for classes

2 finals,
2 midterms,
2 weekly PSETS

1 finals,
3 final paper,
1 weekly PSETS

1 finals,
1 final paper,
.7 weekly PSETS



Your One Year Plan: 2017-2018

(CS + ArtHist)

Fall	Winter	Spring
CS 109 X	CS 103 X	CS 107 X
ARTHIST 130 X	ARTHIST 172 X	ARTHIST 145 X
DRONES 200 X	PWR 2 (A) X	YOUR CHOICE
YOUR CHOICE	YOUR CHOICE	YOUR CHOICE

Calendar View

Required Classes

[< CS Major >](#)

[< ArtHist Major >](#)

[< WAYS >](#)

Search for classes

2 finals,
2 midterms,
2 weekly PSETS

1 finals,
3 final paper,
1 weekly PSETS

1 finals,
1 final paper,
.7 weekly PSETS



Your Fall Q Plan: 2017

(CS + ArtHist)



OCTOBER 2017



1	2	3	4	5	6	7
8	9	due: Pset 2	10	11	12	13
15	16	17	18	19	20	21
22	Pset 3	24	25	26	27	28
29	EXAM	30	31			

Calendar View



Required Classes

CS 109 X

ARTHIST 130 X

DRONES 200 X



Search for classes



Your Fall Q Plan: 2017

(CS + ArtHist)



OCTOBER 2017



1	2	3	4	5	6	7
8	9	due: Pset 2	10	11	12	13
15	16	17	18	19	20	21
22	due: Pset 3	24	25	26	27	28
29	30	31				

Calendar View



Required Classes

CS 109 X

ARTHIST 130 X



Search for classes