

Digital Mockup Images

 **GradTracker Login**

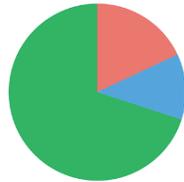
uID

Password 

[Forgot Password?](#)

Progress Report

Progress form due 10/20/2023



Program Requirements



Track Requirements



Completed



In Progress



Unfulfilled

Program Requirements

Suggested Timeframe

	Choose advisor and initial committee	1 semester
	Ethics Training - Link to Schedule	2 semesters
	Program of study approved by advisor and initial committee	3 semesters
	Complete teaching menteeship	3 semesters
	Written qualifier	5 semesters
	Full committee formed	5 semesters

Required Courses

- CS 6140 - Data Mining
FA19 3.0 Hours A
- CS 6150 - Graduate Algorithms
SP20 4.0 Hours A-
- CS 3530 - Advanced Database Systems
FA21 3.0 Hours IP

Electives

Complete one course from each of the three areas.

Algorithmics

Select From: [CS 6160](#), [CS 6170](#), [CS 6180](#), [CS 6966](#)

Analytics

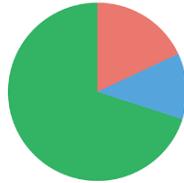
Select From: [CS 6190](#), [CS 6210](#), [CS 6300](#), [CS 6340](#), [CS 6355](#)

Management

Select From: [CS 6230](#), [CS 6235](#), [CS 6480](#), [CS 6490](#), [CS 6963](#)

Progress Report

Progress form due 10/20/2023



Program Requirements



Track Requirements



✔ Completed
 ⋮ In Progress
 ✘ Unfulfilled

Program Requirements

Suggested Timeframe

✔ Choose advisor and initial committee	1 semester
⋮ Ethics Training - Link to Schedule	2 semesters
✘ Program of study approved by advisor and initial committee	3 semesters
⋮ Complete teaching menteeship	3 semesters
✘ Written qualifier	5 semesters
✘ Full committee formed	5 semesters

Required Courses

- ✔ CS 6140 - Data Mining
FA19 3.0 Hours A
- ✔ CS 6150 - Graduate Algorithms
SP20 4.0 Hours A-
- ⋮ CS 3530 - Advanced Data Mining
FA21 3.0 Hours IP

Electives

Complete one course from

✘ Algorithmics

Select From: [CS 6160](#),

✘ Analytics

Select From: [CS 6190](#),

✘ Management

Select From: [CS 6230](#), [CS 6235](#), [CS 6460](#), [CS 6490](#), [CS 6965](#)

CS6160 - Computational Geometry

Title

Computational Geometry

Credits

3

Prerequisite/Co-requisite

Prerequisites: CS 4150.

Course Description

Topics include: Convex hulls, Voronoi diagrams and Delaunay Triangulations, range searching, nearest neighbors, all in low and high dimension. Geometric duality, linear programming, Geometric approximations, High dimensional geometry and its relation to machine learning and data analysis.

Component

Lecture



Profile

Name	Jackie Stevenson
Student ID	8675309
Email	jackie.stevenson@utah.edu
Degree Type	PhD
Degree	Computing
Track	Data Management and Analysis
GPA	3.92
Semester Admitted	Fall 2019
Homepage	
DBLP Homepage	
Google Scholar Homepage	
Chair Person / Advisor	Bert McCullough

[Edit Profile](#)

Committee

	Name	Approval	DGS Approval
Chair Person	Derek Hendrix	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Jennifer Martinez	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Co Advisor	Taylor Schwartz	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Sylvia Jensen	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

[Edit Committee](#)

Progress Form

Instructions

Activity	Total Semesters	
Identify Advisor	2 Semesters (Acceptable Progress)	i
Program of study approved by advisor and initial committee	4 Semesters (Good Progress)	i
Complete teaching mentorship	4 Semesters (Good Progress)	i
Complete required courses	Not yet fulfilled	<input type="checkbox"/> i
Full committee formed	Not yet fulfilled	<input type="checkbox"/> i
Program of study approved by the committee	Not yet fulfilled	<input type="checkbox"/> i
Written qualifier	Not yet fulfilled	<input type="checkbox"/> i
Oral qualifier / Proposal	Not yet fulfilled	<input type="checkbox"/> i
Dissertation defense	Not yet fulfilled	<input type="checkbox"/> i
Final document	Not yet fulfilled	<input type="checkbox"/> i

Dissertation

Funding*

Fall 2020	N/A	<input type="checkbox"/>
Spring 2021	N/A	<input type="checkbox"/>
Summer 2021	N/A	<input type="checkbox"/>

Related Documents

Document Type	Document Name
<input type="text" value="Select type"/>	<input type="text" value="Browse..."/> <input type="button" value="X"/>
<input type="button" value="+ Add Document"/>	

Progress

Student Submitted	Advisor Accepted	Status
<input type="checkbox"/>	<input type="checkbox"/>	Awaiting Student Submission

Progress

Your Comments

Comments

No public comments available.

[Back](#)[Save](#)[Submit](#)

Progress Form

Instructions

Activity	Total Semesters	
Identify Advisor	2 Semesters (Acceptable Progress)	i
Program of study approved by advisor and initial committee	4 Semesters (Good Progress)	i
Complete teaching mentorship	4 Semesters (Good Progress)	i
Complete required courses	Not yet fulfilled	▼ i
Full committee formed	5 Semesters (Good Progress)	▼ i
Program of study approved by the committee	Not yet fulfilled	▼ i
Written qualifier	Not yet fulfilled	▼ i
Oral qualifier / Proposal	Not yet fulfilled	▼ i
Dissertation defense	Not yet fulfilled	▼ i
Final document	Not yet fulfilled	▼ i

Dissertation ▼

Funding

Fall 2020	Fellowship	▼
Spring 2021	Teaching Assistant	▼
Summer 2021	Teaching Assistant	▼

Related Documents

Document Type	Document Name
PhD Proposal	proposal.pdf ✖
PhD Proposal Defense Slides	slides.pptx ✖
CV	resume.pdf ✖
Select type ▼	Browse... ✖
Select type ▼	Browse... ✖

+ Add Document

Progress

Student Submitted	Advisor Accepted	Status
Not Submitted	Not Accepted	Awaiting Student Submission

Progress

Your Comments

Comments

No public comments available.

[Back](#)[Save](#)[Submit](#)

Progress Form

Instructions

Activity	Activity:		
Identify Advisor	- For any activities that have been completed, select the semester in which it was completed from the dropdown. Items default to "Not yet fulfilled" -- Please make sure this is accurate before submitting.		
Program of study approved by advisor and initial committee	- If you completed your dissertation, upload it		
Complete teaching mentorship	Funding: - Select your funding sources for each semester from the dropdowns		
Complete required courses	Related Documents: - Upload any related documents for reporting your progress	<input checked="" type="checkbox"/>	
Full committee formed	Progress/Comments: - Enter any additional information you would like the graduate school to know about your progress	<input checked="" type="checkbox"/>	
Program of study approved by the committee		<input checked="" type="checkbox"/>	
Written qualifier		<input checked="" type="checkbox"/>	
Oral qualifier / Proposal	* Indicates required items	<input checked="" type="checkbox"/>	
Dissertation defense		Not yet fulfilled	<input type="checkbox"/> 
Final document		Not yet fulfilled	<input type="checkbox"/> 

Dissertation

Funding

Fall 2020	Fellowship	<input type="checkbox"/>
Spring 2021	Teaching Assistant	<input type="checkbox"/>
Summer 2021	Teaching Assistant	<input type="checkbox"/>

Progress Form

Instructions

Activity	Total Semesters		
Identify Advisor	2 Semesters (Acceptable Progress)		
Program of study approved by advisor and initial committee	4 Semesters (Good Progress)		
Complete teaching mentorship	4 Semesters (Good Progress)		
Complete required courses	Not yet fulfilled	<input type="checkbox"/>	
Full committee formed	5 Semesters (Good Progress)	<input type="checkbox"/>	
Program of study approved by the committee	Not yet fulfilled	<input type="checkbox"/>	
Written qualifier	Not yet fulfilled	<input type="checkbox"/>	
Oral qualifier / Proposal	Not yet fulfilled	<input type="checkbox"/>	
Dissertation defense	Not yet fulfilled	<input type="checkbox"/>	
Final document	Not yet fulfilled	<input type="checkbox"/>	

6 semesters - Good Progress
7 semesters - Acceptable Progress

Dissertation

Funding

Fall 2020	Fellowship	<input type="checkbox"/>
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Logout

Program of Study [i](#)

Program of Study has not been created

[Create](#)



Logout

Progress Forms [i](#)

	Years	Form	Status i
Current Form	2020-2021	Start	Awaiting Student Submission
Past Forms	2019-2020	View	Good
	2018-2019	View	Good

		Logout
Progress Forms (i)		
Current Form	Years 2020-2021	<div style="background-color: #ffffcc; padding: 5px; border: 1px solid #ccc;"> <ul style="list-style-type: none"> - Awaiting Student Submission: This form needs to be filled out and submitted. - Awaiting Advisor Review: This form is awaiting review by your advisor. - Awaiting Staff Review: This form is awaiting review by the staff overseeing your program. - Revisions Required: This form has been submitted previously, but requires revisions. - Good: This is good progress as defined by the Graduate Handbook. - Acceptable: This is acceptable progress as defined by the Graduate Handbook. </div>
Past Forms	2019-2020 2018-2019	<div style="text-align: center;"> View </div>

		Logout
Progress Forms (i)		
Current Form	Year: 2020-2021	<div style="background-color: #ffffcc; padding: 5px; border: 1px solid #ccc;"> <p>Progress Forms will be reviewed by your advisor and the Graduate school staff overseeing your program. Progress forms are used by faculty to ensure students are progressing as expected.</p> <p>Estimated time for completion: 30 minutes</p> </div>
Past Forms	2019-2020 2018-2019	<div style="text-align: center;"> View View </div>



Logout

- Profile
- Progress Report
- Progress Forms
- Program of Study
- Graduate Resources

Progress Forms ⓘ

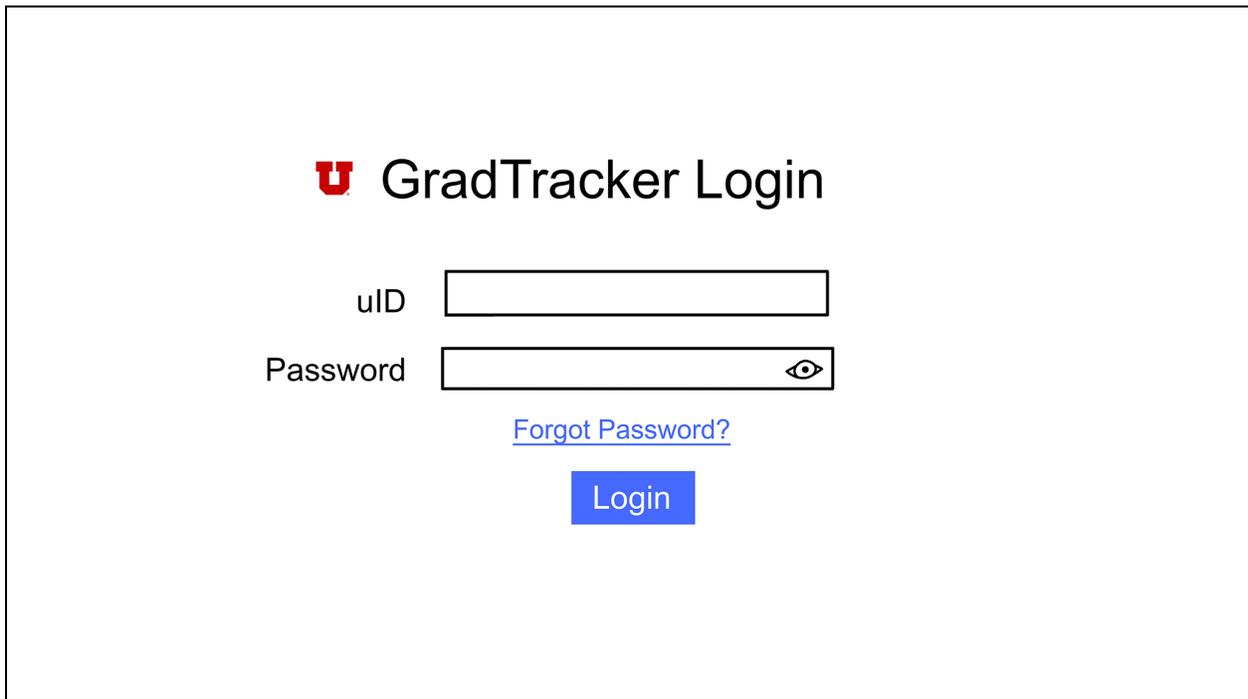
Years	Form	Status ⓘ
2020-2021	Start	Awaiting Student Submission
2019-2020	View	Good
2018-2019	View	Good

Task 1 Images

Task 1: Students need to access information about their graduate track and program requirements. They need to access this information to be able to compare their completed and remaining milestones to be able to efficiently prioritize and plan what they need to work on next.

“Using this system, would you mind trying to find out what graduation requirements you still have to complete?”

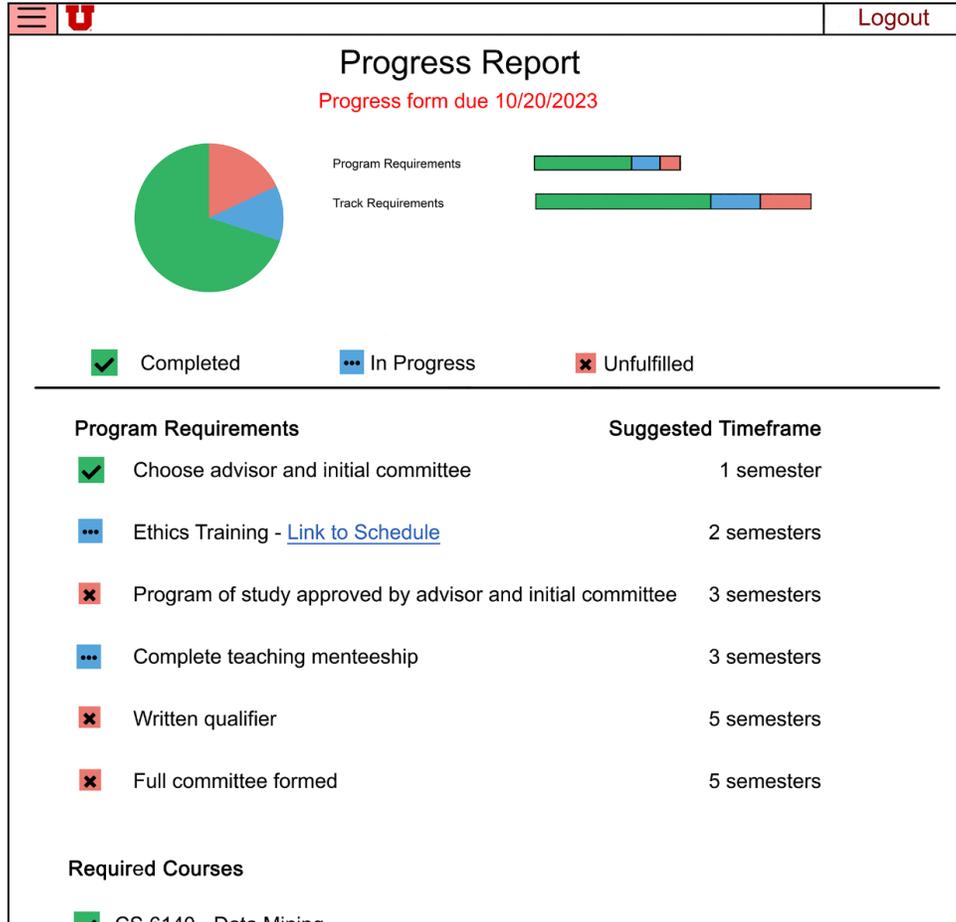
Image 1.



The image shows a login page for GradTracker. At the top center, there is a red 'U' logo followed by the text 'GradTracker Login'. Below this, there are two input fields: one for 'uID' and one for 'Password'. The 'Password' field has an eye icon on the right side, indicating a toggle for password visibility. Below the input fields, there is a blue link that says 'Forgot Password?'. At the bottom center, there is a blue button with the text 'Login'.

The image above displays the login page. Here the user can enter their Unid and corresponding password to access their account and reveal the rest of the website. Alternatively, if a user forgot their password they are also able to follow prompts to reset their password by selecting the “Forgot Password?” link.

Image 2.



The image above is a partial display (1/2) of the landing page also known as the “Progress Report” page. Here the user can quickly glance over the top section of the page to easily understand how much progress they have made towards graduation (in terms of items completed, in progress, and unfulfilled categorized by program and track requirements) as well as be notified of their progress report due date for the current year.

On the lower section the user can see a check list of graduate requirements along with their status (completed, in progress, unfulfilled) and the suggested time frame to complete the task to make ‘good progress’ as defined by the handbook.

Image 3.

Required Courses

- ✓ CS 6140 - Data Mining
FA19 3.0 Hours A
- ✓ CS 6150 - Graduate Algorithms
SP20 4.0 Hours A-
- ⋮ CS 3530 - Advanced Database Systems
FA21 3.0 Hours IP

Electives

Complete one course from each of the three areas.

- ✗ Algorithmics
Select From: [CS 6160](#), [CS 6170](#), [CS 6180](#), [CS 6966](#)
- ✗ Analytics
Select From: [CS 6190](#), [CS 6210](#), [CS 6300](#), [CS 6340](#), [CS 6355](#)
- ✗ Management
Select From: [CS 6230](#), [CS 6235](#), [CS 6480](#), [CS 6490](#), [CS 6963](#)

The image above is a partial display (2/2) of the landing page also known as the “Progress Report” page. Here the user can understand what courses they have completed (along with the credit hours and grade received), what courses they are currently enrolled in (in progress), and what courses they have yet to complete to fulfill their track requirements.

Image 4.

The image shows a user interface for a course progress report. It is divided into two main sections: 'Required Courses' and 'Electives'.
Required Courses:

- CS 6140 - Data Mining (FA19, 3.0 Hours, A) - marked with a green checkmark.
- CS 6150 - Graduate Algorithms (SP20, 4.0 Hours, A-) - marked with a green checkmark.
- CS 3530 - Advanced Data (FA21, 3.0 Hours, IP) - marked with a blue ellipsis icon.

Electives:

Complete one course from:

- Algorithms (marked with a red 'x') - Select From: [CS 6160](#)
- Analytics (marked with a red 'x') - Select From: [CS 6190](#)
- Management (marked with a red 'x') - Select From: [CS 6230](#), [CS 6233](#), [CS 6460](#), [CS 6490](#), [CS 6963](#)

Hover tooltip for CS6160 - Computational Geometry:

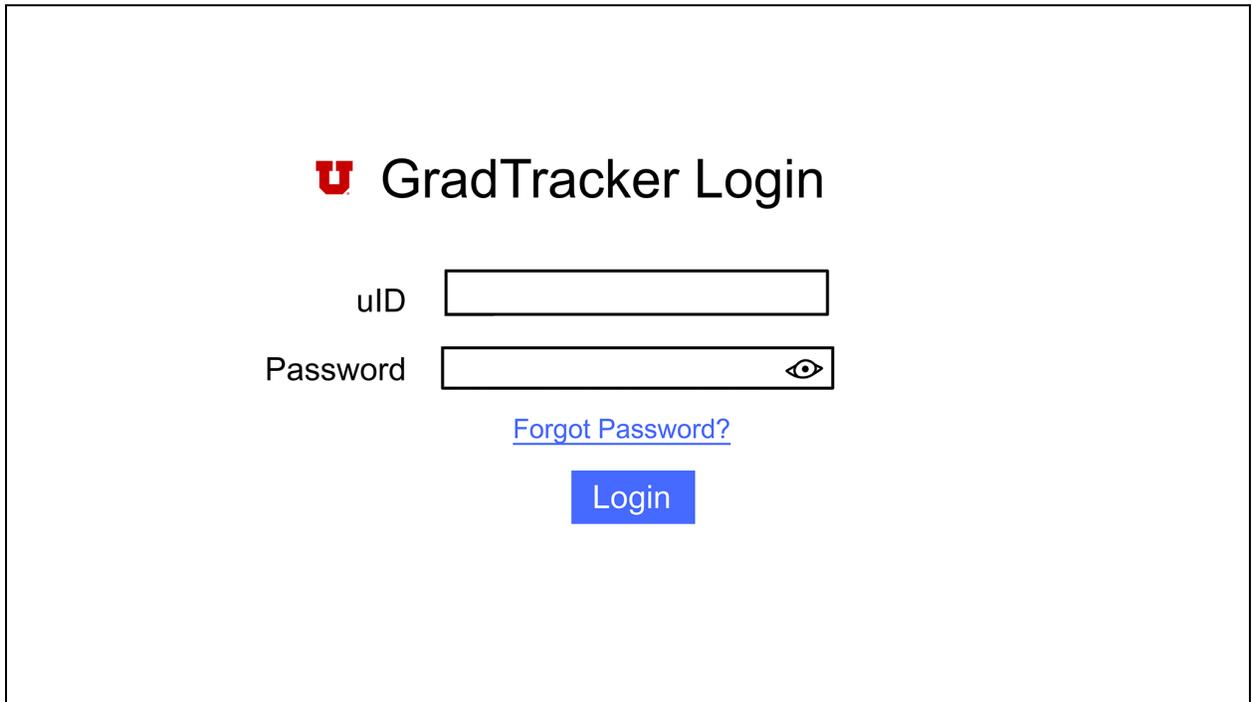
- Title: Computational Geometry
- Credits: 3
- Prerequisite/Co-requisite: Prerequisites: CS 4150.
- Course Description: Topics include: Convex hulls, Voronoi diagrams and Delaunay Triangulations, range searching, nearest neighbors, all in low and high dimension. Geometric duality, linear programming, Geometric approximations, High dimensional geometry and its relation to machine learning and data analysis.
- Component: Lecture

The image above is the same partial display (2/2) of the landing page (a.k.a “Progress Report” page) as image 3. With the additional view of a user hovering over a course link. As a user is planning what courses they should enroll in to remain on track for next semester, they are able to hover over courses to see a brief description of the course as described by the University Course Catalog.

Task 2 Images

Task 2: Students need to submit progress information. To do this, students need to be able to easily understand what information they need to submit and where to submit it. They may not know what information they need to provide in the progress forms or how much detail they need to go into.

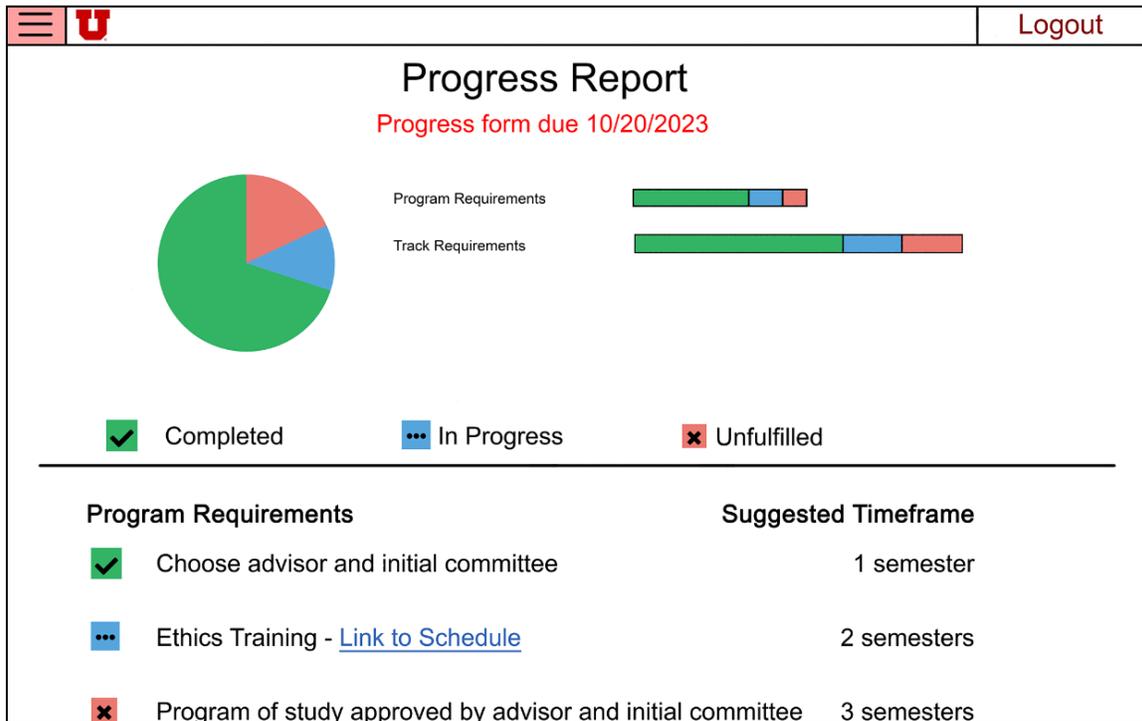
Image 1.



The image shows a login page for GradTracker. At the top center is a red 'U' logo followed by the text 'GradTracker Login'. Below this, there are two input fields: one labeled 'uID' and one labeled 'Password'. The 'Password' field has a small eye icon on the right side, indicating a toggle for password visibility. Below the 'Password' field is a blue underlined link that says 'Forgot Password?'. At the bottom center is a blue button with the text 'Login' in white.

The image above displays the login page. Here the user can enter their Unid and corresponding password to access their account and reveal the rest of the website. Alternatively, if a user forgot their password they are also able to follow prompts to reset their password by selecting the “Forgot Password?” link.

Image 2.



When users log in they land on the Progress Report page. From here users will need to navigate through the website to accomplish Task 2.

Image 3.



Users will see the hamburger menu in the top right corner of the website which is available for website navigation from any page. This follows Jakob Nielsen's principle of consistency and standards and is easily recognizable by users as a navigation menu. Once the hamburger menu is open, users will recognize that they should click on "Progress Forms."

Image 4.

 	Logout		
Progress Forms 			
	Years	Form	Status 
Current Form	2020-2021	Start	Awaiting Student Submission
Past Forms	2019-2020 2018-2019	View View	Good Good

Once users click “Progress Forms” in the hamburger menu they will land on the “Progress Forms” page, as they would expect. They can view the status of all forms they have submitted in the past as well as see what forms they need to submit. There are info bubbles which provide more information for the user if they need it.

Image 5.

 	Logout		
Progress Forms 			
	Year:		
Current Form	2020-2021	View	Submission
<div style="background-color: #ffffcc; padding: 5px; border: 1px solid #ccc;">Progress Forms will be reviewed by your advisor and the Graduate school staff overseeing your program. Progress forms are used by faculty to ensure students are progressing as expected. Estimated time for completion: 30 minutes</div>			
Past Forms	2019-2020 2018-2019	View View	Good Good

If a user clicks on the info bubble next to “Progress Forms” they are provided with a description of what progress forms are and what they are used for. Additionally, there is an estimate of how long a progress form takes to complete.

Image 6.

 		Logout	
Progress Forms 			
	Years	Form	Status 
Current Form	2020-2021	<ul style="list-style-type: none">- Awaiting Student Submission: This form needs to be filled out and submitted.- Awaiting Advisor Review: This form is awaiting review by your advisor.- Awaiting Staff Review: This form is awaiting review by the staff overseeing your program.- Revisions Required: This form has been submitted previously, but requires revisions.- Good: This is good progress as defined by the Graduate Handbook.- Acceptable: This is acceptable progress as defined by the Graduate Handbook.	
Past Forms	2019-2020 2018-2019		
		View	Good

If a user clicks on the info bubble next to “Status” they are provided with a list of the different statuses that a form can have and what that status indicates.

Image 7.

Activity	Total Semesters	
Identify Advisor	2 Semesters (Acceptable Progress)	
Program of study approved by advisor and initial committee	4 Semesters (Good Progress)	
Complete teaching mentorship	4 Semesters (Good Progress)	
Complete required courses	Not yet fulfilled	
Full committee formed	Not yet fulfilled	
Program of study approved by the committee	Not yet fulfilled	
Written qualifier	Not yet fulfilled	
Oral qualifier / Proposal	Not yet fulfilled	
Dissertation defense	Not yet fulfilled	
Final document	Not yet fulfilled	

Dissertation

Funding*

Fall 2020	N/A	
Spring 2021	N/A	
Summer 2021	N/A	

(Image 1/2) This is the top portion of an unfilled out progress form. This is what users see after users click on “Start” for the 2020-21 progress form on the “Progress Forms” page. In this portion of the page, users need to fill out how long each activity they have completed took them to complete. If they have a dissertation to upload, they can upload that as well. Lastly, they must provide information on their funding sources for each semester. Additionally, if they need instructions for the progress form they can click on the “Instructions button.” They may also click on info bubbles to the right of each activity to view more details about what progress is expected.

Image 8.

The image shows a web form interface for a progress report. It is divided into several sections:

- Related Documents:** Contains two columns: "Document Type" with a dropdown menu set to "Select type" and a "+ Add Document" button; and "Document Name" with a "Browse..." button and a red "X" icon.
- Progress:** A summary section with three columns: "Student Submitted" (with "Not Submitted" below it), "Advisor Accepted" (with "Not Accepted" below it), and "Status" (with "Awaiting Student Submission" below it).
- Progress:** A large empty text input box for summarizing progress.
- Your Comments:** A large empty text input box for additional comments.
- Comments:** A section with the text "No public comments available." and a horizontal line below it.
- Buttons:** At the bottom, there are three buttons: "Back" (red), "Save" (blue), and "Submit" (blue).

(Image 2/2) This is the lower portion of an unfilled out progress form. Users may upload documents, submit a summary of their progress over the past year, and leave any additional comments if they desire. They may then use the buttons at the bottom of the page to go back to the “Progress Forms” page, save their work, or submit the form. When the user has completed their progress form they will click submit to complete the task.

Image 9.

Progress Form

[Instructions](#)

Activity:

- For any activities that have been completed, select the semester in which it was completed from the dropdown. Items default to "Not yet fulfilled" -- Please make sure this is accurate before submitting.
- If you completed your dissertation, upload it

Funding:

- Select your funding sources for each semester from the dropdowns

Related Documents:

- Upload any related documents for reporting your progress

Progress/Comments:

- Enter any additional information you would like the graduate school to know about your progress

* Indicates required items

Identify Advisor	Not yet fulfilled	▼	i
Program of study approved by advisor and initial committee	Not yet fulfilled	▼	i
Complete teaching mentorship	Not yet fulfilled	▼	i
Complete required courses	Not yet fulfilled	▼	i
Full committee formed	Not yet fulfilled	▼	i
Program of study approved by the committee	Not yet fulfilled	▼	i
Written qualifier	Not yet fulfilled	▼	i
Oral qualification	Not yet fulfilled	▼	i
Dissertation defense	Not yet fulfilled	▼	i
Final document	Not yet fulfilled	▼	i

Dissertation ▼

Funding

Fall 2020	Fellowship	▼
Spring 2021	Teaching Assistant	▼
Summer 2021	Teaching Assistant	▼

If a user clicks on "Instructions" they see a tool tip providing a summary of what they need to do to complete a progress form.

Image 10.

Progress Form

[Instructions](#)

Activity	Total Semesters		
Identify Advisor	2 Semesters (Acceptable Progress)	▼	i
Program of study approved by advisor and initial committee	4 Semesters (Good Progress)	▼	i
Complete teaching mentorship	4 Semesters (Good Progress)	▼	i
Complete required courses	Not yet fulfilled	▼	i
Full committee formed	5 Semesters (Good Progress)	▼	i
Program of study approved by the committee	Not yet fulfilled	▼	i
Written qualifier	Not yet fulfilled	▼	i

6 semesters - Good Progress
7 semesters - Acceptable Progress

If a user clicks on an info bubble next to an activity, they see what progress is expected.