Degree Works Training Guide for Advisors

SUNY College of Environmental Science & Forestry

Updated July 2025

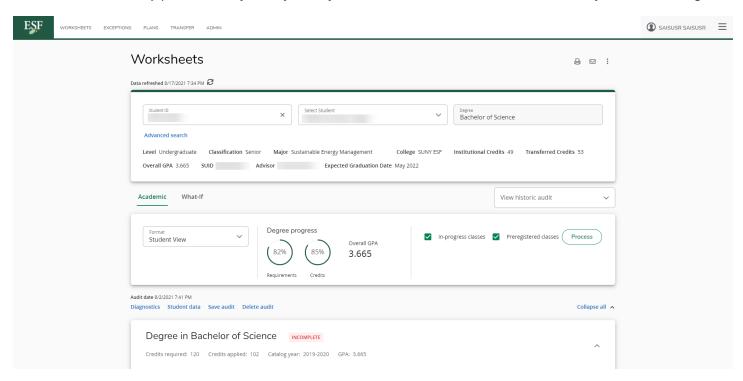
Contents

WHAT IS DEGREE WORKS	3
HOW TO FIND A STUDENT	3
BANNER SELF-SERVICE	2
STUDENT ID BOX	
ADVANCED SEARCH	
ADVANCED SEARCH	
DEGREE WORKS AUDIT OVERVIEW	6
AUDIT VIEWS	6
STUDENT VIEW EXAMPLE	7
REGISTRATION CHECKLIST EXAMPLE	
CLASS HISTORY	8
STUDENT HEADER	9
DEGREE PROGRESSION CARD	
IN-PROGRESS AND PREREGISTERED CHECKBOXES	10
DEGREE AUDIT	
How the Degree Audit Is Organized	11
How to Read A Degree Audit	11
LEGEND	16
Process	16
Printing	17
TABS	18
WHAT IF AUDIT	19
How to Run A What-If Audit	19
GPA CALCULATORS	21
GRADUATION CALCULATOR	24
TERM CALCULATOR	
ADVICE CALCULATOR	
ADVICE CALCULATUR	

What is Degree Works

Degree Works is a degree auditing tool used to track a student's progress towards degree completion based on their academic history and their catalog's program requirements. This user guide will explain how to read a degree audit along with how to use the additional functionality such as performing a what-if audit or using the 3 GPA calculators.

Based on ESF's security permissions, you may or may not have access to all additional functionality detailed in this guide.



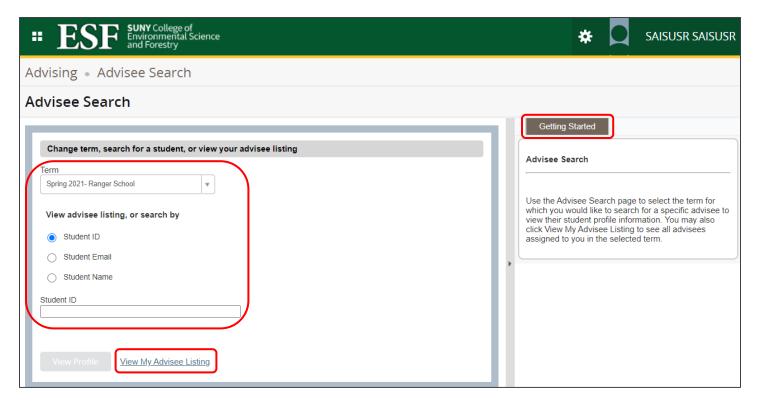
How to Find A Student

Banner Self-Service

- 1. Log into the ESF Faculty and Staff portal.
- 2. Click on the Banner button and enter your ESF credentials.
- 3. At the Advising and Faculty Services landing page, click Advising Student Profile.



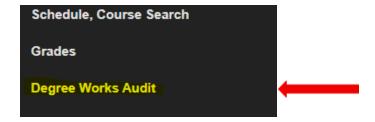
- 4. The Advisee Search page is used to find the student record.
 - a. If the Student ID or Email is known, it can be entered directly without searching.
 - b. A search can be performed by **Student Name**.
 - c. Instead of performing a search, you can click the View My Advisee Listing to select the student.
 - The Getting Started section lists instructions for each page.



5. Once a student is selected using one of available methods (Student ID, Student Email, Student Name, or Advisee Listing), select the desired student and click **View Profile**.

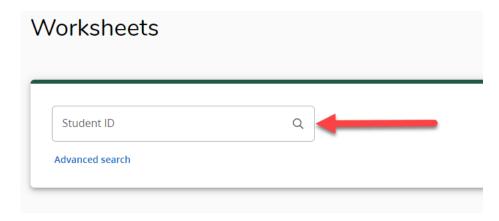


6. Once at the Student's Profile, click the Degree Audit link in the lower-left corner



Finding a student when you are in degree works

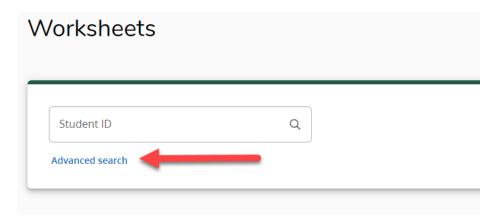
1. Enter a student's ID in the **Student ID** box and press Enter on your keyboard.



2. You will be directed to that student's degree audit.

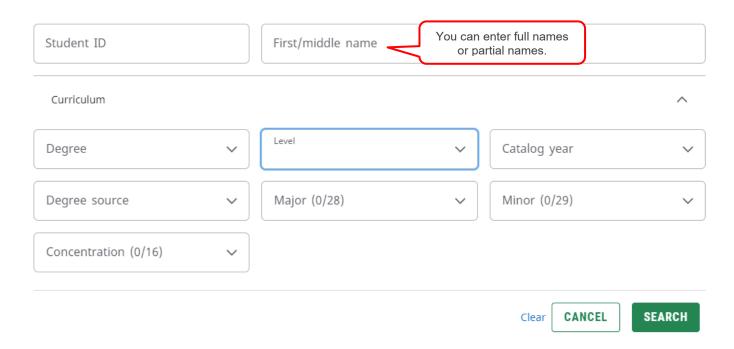
Advanced Search

1. Click on the Advanced Search link below the Student ID box on the landing page.

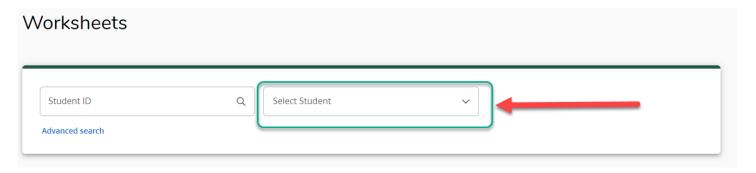


2. From the Find screen, you can search for one or more students using various parameters such as curriculum data, semester entered, or a portion of first and last name.

Find Students X



- 3. Once you have entered your desired search criteria and clicked **Search**, the applicable student(s) will display in the **Student Search** area of the screen.
 - a. The list of students will be auto-checked, so that clicking on **Select** will take you to the first audit in the list.
 - b. Selecting more than one parameter will "stack". For example, if you select the following: **Semesters Entered** = 2018-2019, **Major** = Chemistry, and **Class Level** = Junior, your results will meet all 3 parameters.
- 4. Selected students will appear in a dropdown list on the landing page. This list is created dynamically and will only appear if multiple students are selected in the **Advanced Search** query.

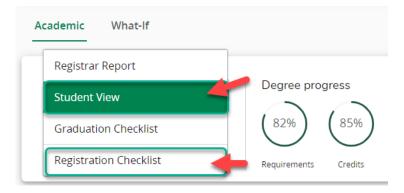


Degree Works Audit Overview

Audit Views

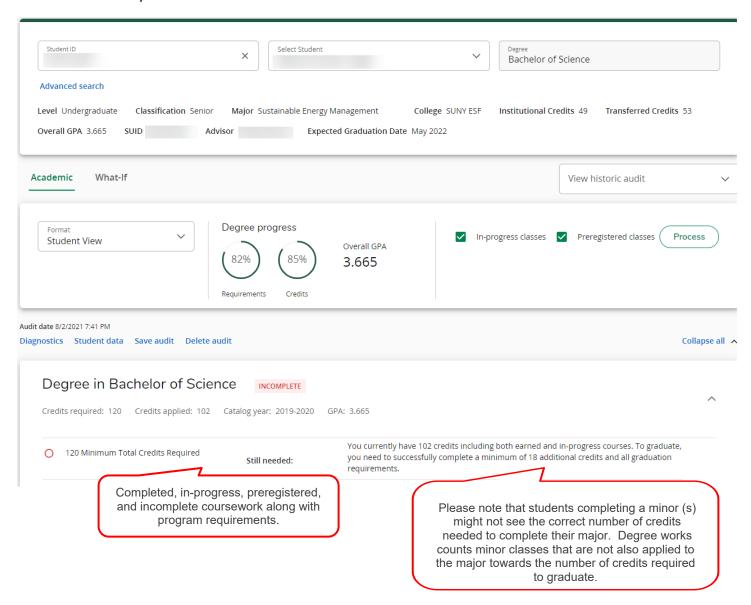
1. Degree Works offers two views – the **Student View** and **Registration Checklist**. The Student View is the default view and consists of the student's degree audit. The Registration Checklist is a future-oriented view that will only display requirements that have not been met. As students progress through their program, the Student View will display more green checkboxes and the Registration Checklist will be shorter.

2. To move to another view, click the down-arrow by your current view and select your desired view. The view selection dropdown menu is located on the left-hand side of the Degree Progress card.

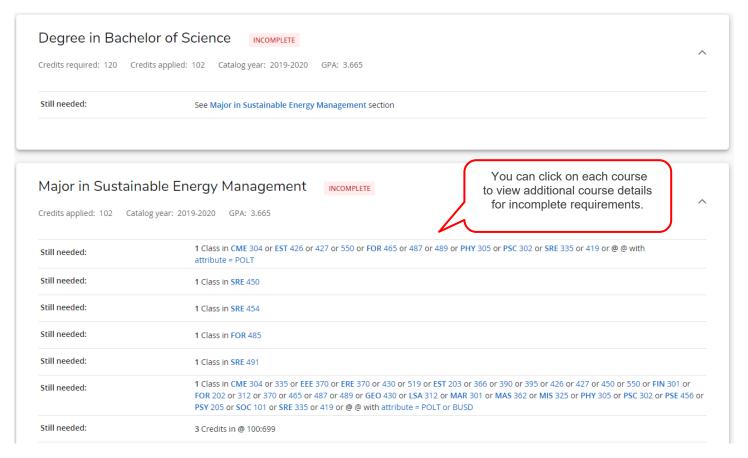


1. Select the desired view and the audit page will automatically adapt to the selected view.

Student View Example

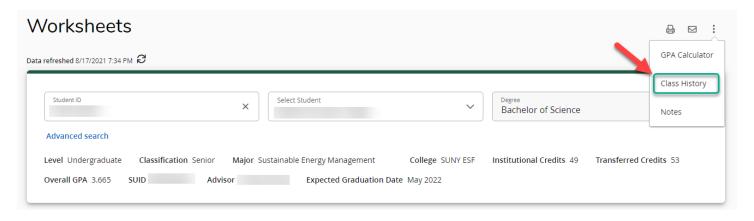


Registration Checklist Example



Class History

1. The **Class History** option in the dotted menu displays a term-by-term list of the student's courses.



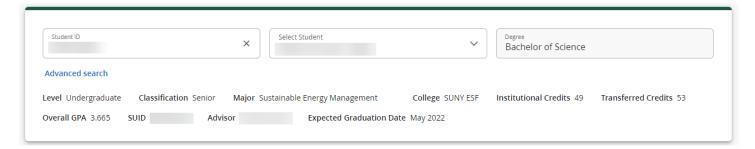


Class History

Course	Title	Grade	Credits
APM 104	Pre-Calculus	TR	3
	Satisfied by: MATH110 - Transfer Course Work	- Glendale Cmty College Ca	
APM 391	MAT136 => STATIS	TR	3
	Satisfied by: CNVXXX - Transfer Course Work -	Glendale Cmty College Ca	
CNV 101	GenEd: Foreign Lang	TR	3
	Satisfied by: CNVXXX - Transfer Course Work -	Glendale Cmty College Ca	
CNV 104	GenEd: The Arts	TR	3
	Satisfied by: CNVXXX - Transfer Course Work -	Glendale Cmty College Ca	
CNV 201	ENGR156 => ELECT	TR	3
	Satisfied by: CNVXXX - Transfer Course Work -	Glendale Cmty College Ca	
CNV 201	MATH104 => ELECT	TR	3
	Satisfied by: CNVXXX - Transfer Course Work -	Glendale Cmty College Ca	
CNV 201	ETHS120 => ELECT	TR	3
	Satisfied by: CNVXXX - Transfer Course Work -	Glendale Cmty College Ca	
CNV 201	ETHS121 => ELECT	TR	3
	Satisfied by: CNVXXX - Transfer Course Work -	Glendale Cmty College Ca	
CNV 201	MATH103 => ELECT	TR	3
	Satisfied by: CNVXXX - Transfer Course Work -	Glendale Cmty College Ca	
CNV 201	MATH108 => ELECT	TR	3
	Satisfied by: CNVXXX - Transfer Course Work -	Glendale Cmty College Ca	
CNV 201	POLS101 => ELECT	TR	3
	Satisfied by: CNVXXX - Transfer Course Work -	Glendale Cmty College Ca	

Student Header

- 1. The **Student Header** is located at the top of a student's audit and displays relevant curriculum information.
- 2. Names, such as the student and advisor, appear in this section along with selected additional data. If the student has a lived (preferred) name it will appear in () next their name. Ex; Smith, Jonathan (John)
- 3. If the student has multiple data points (Ex: additional majors, minors, concentrations if required for their major, etc.) those items will all list horizontally next to the respective labels.
- 4. The information that appears in the header is dynamic and may not display if a datapoint is not relevant to the student's record. For example, the student does not have a minor so you will not see a minor label, however one would appear should they choose to declare a minor at some point in the future.



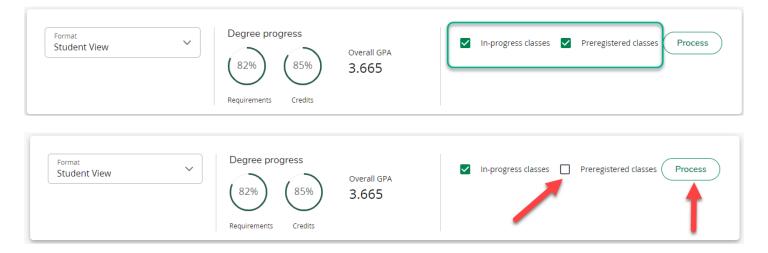
Degree Progression Card

- The Degree Progress graphics are listed under the Student Header and before the first section of the audit in a section known as the Degree Progression Card.
- 2. The **Requirements** bar takes into consideration the number of met versus unmet requirements on the whole audit. For example, a student who has 61 credits applying towards their required 120 credits, equaling 50.83% completed. The progress bar is also looking at the minimum GPA requirement and each section making up the audit, causing this number to reflect a holistic view of progress (75% versus 50.83%).
 - a. If the student has any in-progress, preregistered classes, or I grades applying in their audit, the **Requirements** bar will never be 100%.
- 3. The **Credits** bar takes into consideration the number of completed credits verses required credits for the entire audit.
- 4. The Overall GPA displayed here is the overall GPA from the Banner student information system.



In-Progress and Preregistered Checkboxes

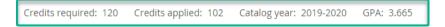
- 1. The **In-progress classes** and **Preregistered classes** checkboxes are listed near the top of the audit on the right-hand side of the Degree Progression Card. These boxes are defaulted to always include their respective type of courses in the audit. You can choose to unselect a box and view the audit with or without certain types of courses.
 - a. After unchecking a box, click the **Process** button to see the updated audit. This will remove or add in-progress or preregistered courses from the audit and doing so will also update the Degree Progress bar.



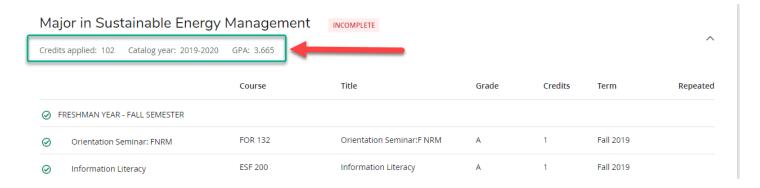
Degree Audit

How the Degree Audit Is Organized

- The Student View of the degree audit will display a student's program requirements starting with the overall degree requirements. The order that sections appear will be determined by how they are listed in the degree section.
- 2. Some section headers (area near the top of each section, below the section title) will display information such as Semester you entered the program, GPA, Credits Required, and/or Credits Applied and the Catalog Year.



- a. The GPAs are calculated from the courses that make up that respective section.
- b. The Catalog Year in each section relates to the specific Catalog that the respective section is tied to in the Banner student information system. For example, if a major is tied to the 2019-2020 Catalog year, then this is the year that would display in this section.
- c. The Credits Applied value will consist of: Completed courses, In-progress courses, and Preregistered courses. (Ex: If you have completed three 3-credit courses, have two 3-credit courses in progress this term and are preregistered for four 3-credit courses next term, the total credits applied would be 27 credits)
 - i. **Completed** = (3 courses * 3 credits) = 9 credits
 - ii. In-progress = (2 courses * 3 credits) = 6 credits
 - iii. **Preregistered** = (4 courses * 3 credits) = 12 credits



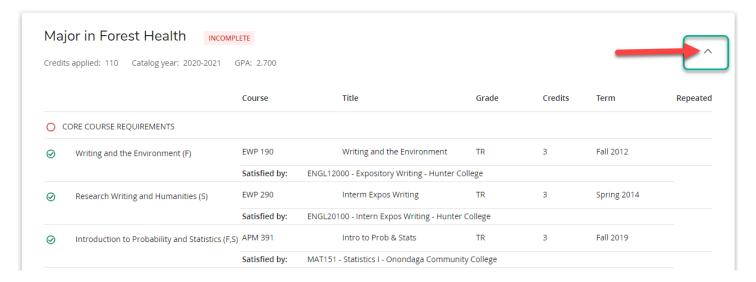
- 1. Each requirement will display a symbol to the left denoting its status.
 - a. Red unchecked circle = Unmet requirement you will see "Still Needed" advice on the right.
 - Blue half-filled circle = In-progress or preregistered you will see the course information on the right.
 - Green checked circle= Completed requirement you will see the course information on the right.

\odot	Dendrology (F)	EFB 336	Dendrology I	C+	3	Fall 2020
0	Forest and Shade Tree Pathology (S)	Still needed:	1 Class in EFB 340			
•	Forest Health (CLBS)	EFB 345	Forest Health	IP	(3)	Fall 2021
\odot	Forest Entomology or Entomology (F)	EFB 351	Forest Entomology	С	3	Fall 2020

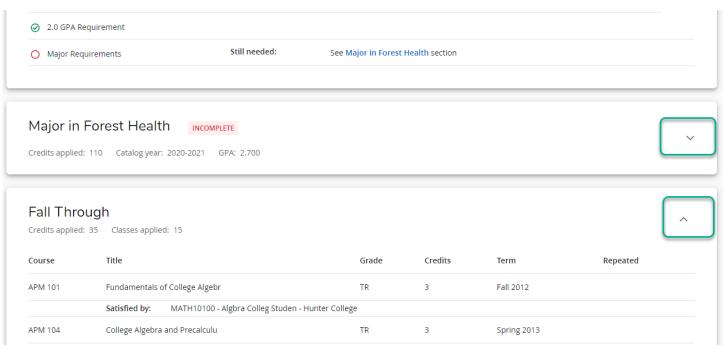
How to Read A Degree Audit

- 1. An audit is made up of several sections. Each section's requirements will differ based on the student's program of study. The section header will display the name of that section along with listing its respective Semester Entered (Catalog Year), GPA, Credits Required, and Credits Applied.
 - a. Credits Required will only display on the degree's section header.

2. Each section can be collapsed and expanded again by clicking on the up arrow located in the upper righthand corner of each block or section.



3. Clicking on the up facing arrow once will collapse the section (as seen below). Clicking on the downfacing arrow will expand the section.

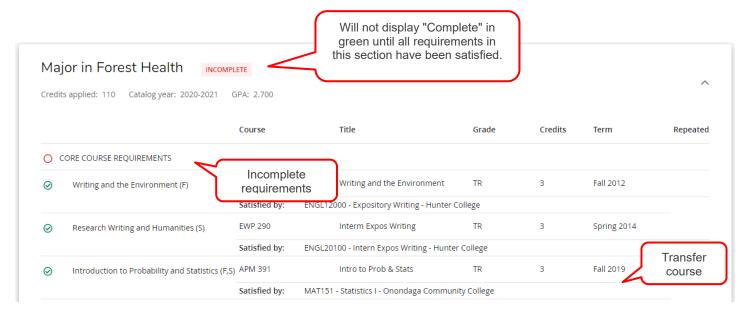


4. All requirements with a red unchecked circle must be completed for the indicator in the section header to be completed.



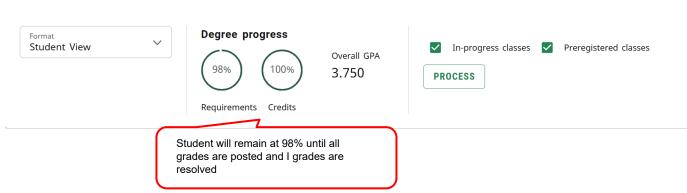
- 5. The labels on the left column will remain stagnant while the advice on the right column will dynamically change based on what the student still needs in order to complete the requirement.
- 6. Once a requirement has been met, the "Still Needed" advice will disappear.

7. Requirements met by transfer courses will display the original course name, course number, transfer institution, and credits earned.



8. Unmet course requirements are linkable. When a course is clicked on, a text box will display that course's title, description, and any other applicable information such as course attributes, section information, and credits.







EFB 420 - 1 Credit - Prof Internship/Envrn Biology

Full- or part-time engagement as volunteer or employee in professional experience having environmental biology focus. Tenure at outside institution under guidance of external supervisor, but with EFB-based faculty sponsor. Requires initial study plan outlining educational goals, plus record of activities and supervisor's assessment of student's performance upon completion. Grading satisfactory/ Unsatisfactory. Fall, Spring, Summer. Prerequisite(s): Permission of Instructor.

Attributes:

SIN SFS

Sections:

Term	CRN	Section	Seats open	Meeting times
Fall 2021	16078	01	5 (out of 5)	Su 11:00pm - 11:50pm
Fall 2021	16079	02	10 (out of 10)	Su 11:00pm - 11:50pm
Fall 2021	16083	03	20 (out of 20)	Su 11:00pm - 11:50pm
Fall 2021	16086	04	5 (out of 5)	Su 11:00pm - 11:50pm
Fall 2021	16087	05	5 (out of 5)	Su 11:00pm - 11:50pm

This displays the scheduled sections for the upcoming semester. Please note the seats open is on a one day lag from MySlice. This information will not display if the course is not being offered. Please refer to MySlice for accurate schedule information.

- 9. The end of that audit may display as needed sections such as Fall through, Insufficient, In-Progress, and/or Exceptions. These sections will also display on the printed view so long as they have been expanded on the web view.
 - a. **Fall through** = Lists courses that have been taken and completed with a passing grade, however they had no requirement to apply towards in the student's program.

Fall Thro						^
Course	Title	Grade	Credits	Term	Repeated	
APM 101	Fundamentals of College Algebr	TR	3	Fall 2012		
	Satisfied by: MATH10100 - Algbra Colleg Studen -	Hunter College				
APM 104	College Algebra and Precalculu	TR	3	Spring 2013		
	Satisfied by: MATH12500 - Precalculus - Hunter C	ollege				

b. **Insufficient** = Lists courses that are not able to fulfill requirements such as Withdrawn, Audit, Failed, Incomplete, or Repeated courses.

Insufficient

Credits applied: 0 Classes applied: 6

Course	Title	Grade	Credits	Term	Repeated
APM 106	Survey Of Calc & Appl II	F	0	Spring 2021	
EFB 101	Gen Bio I:Organismal Bio&Ecol	F	0	Fall 2020	

c. In-Progress, preregistered, and in-progress and preregistered = In-progress lists courses that are in-progress for the current term only. This section may appear as preregistered, which would indicate that there are no in-progress courses for the current term, but the student is registered for courses in a future term. Lastly, this section may display as In-Progress and Preregistered, which would contain courses registered in the current term as well as an upcoming future term.

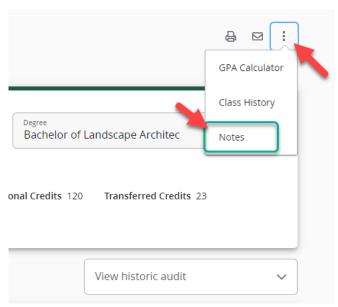
In-progress Credits applied: 16						^
Course	Title	Grade	Credits	Term	Repeated	
APM 105	Survey Of Calc & Appl I	IP	(4)	Fall 2021		
EFB 101	Gen Bio I:Organismal Bio&Ecol	IP	(3)	Fall 2021		
EFB 102	General Biology I Laboratory	IP	(1)	Fall 2021		

In-progress and Preregistered

Credits applied: 29	Classes applied: 10				
Course	Title	Grade	Credits	Term	Repeated
APM 307	Multivariable Calculus	IP	(4)	Fall 2021	
ENS 494	Capstone Seminar	IP	(1)	Fall 2021	
ENS 498	Resrch Prob/Envrn Science	IP	(3)	Fall 2021	
ERE 335	Numerical & Computing Methods	IP	(3)	Fall 2021	
EWP 407	Writing/Env & Sci ProfessionIs	IP	(3)	Fall 2021	
FCH 360	Physical Chemistry I	IP	(3)	Fall 2021	
APM 485	Diff Equat/Engr&Scientist	IP	(3)	Spring 2022	
CHE 356	Physical Chemistry II	IP	(3)	Spring 2022	
EFB 305	Indigenous Issues&the Envrnmnt	IP	(3)	Spring 2022	
FCH 381	Analytical Chemistry II	IP	(3)	Spring 2022	

Adding a note

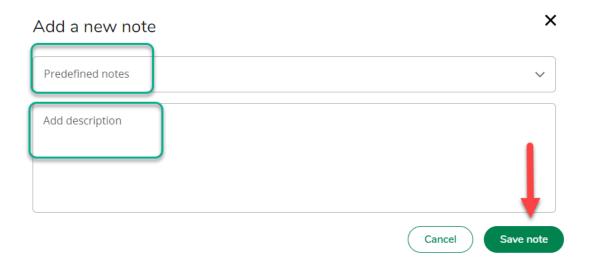
1. Click on the Notes selection in the dotted menu located in the upper righthand section of the audit.



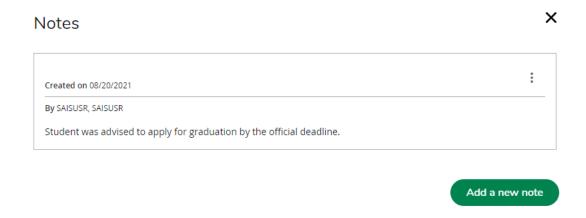
2. You will be taken to the list of outstanding notes for the student. If the student has no notes added to their audit, this screen will be blank. This is the View Note screen. To add a note, click the Add a new note button.



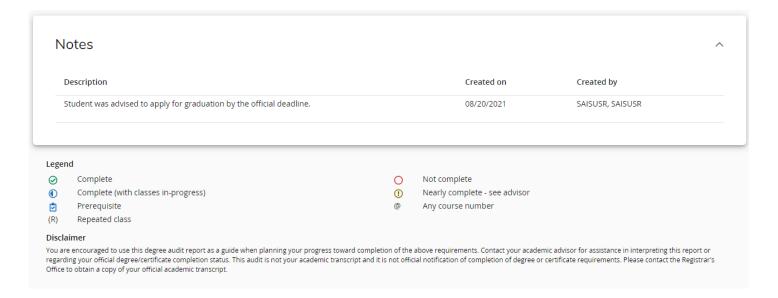
- 3. You can select from a list of predefined notes or use the text box to enter free-formed text (Add description box). You are not able to save blank notes.
- 4. Click the Save Note button to add this note to the student's audit or click the Clear button to remove your text.



5. Once your note is saved, the audit will be updated automatically.

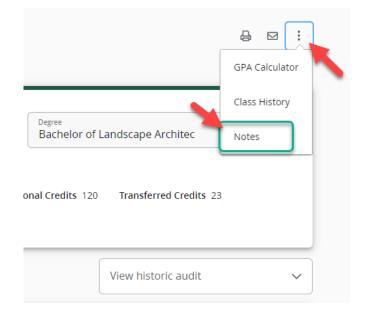


6. Notes appear at the bottom of the student's audit along with other as needed sections.



How to Delete a Note:

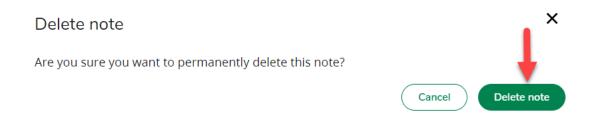
1. Click on the Notes selection in the dotted menu located in the upper right-hand section of the audit.



1. You will be taken to the list of outstanding notes for the student. You will be taken to the View Notes screen where you can see all notes for this student. Click the dotted menu on the note that you wish to remove, then click Delete note.



2. You will receive a warning message. At this point you can either cancel and be taken back to the View Notes screen or click Delete note. Once you click Delete note, the note will be instantly deleted.

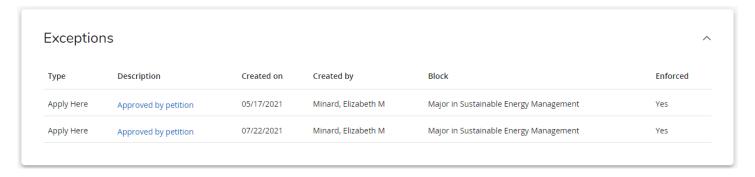


3. You will be prompted briefly with a confirmation message, and be taken back to the view notes screen. If there are no additional notes on the student's record, the screen will appear as it is in the example below. The audit is automatically updated.



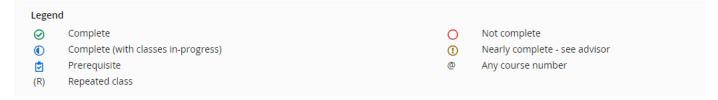
e. Exceptions = Lists all exceptions applied to the student's audit (Ex: Substituting one course for another

or waiving a requirement). The exception will list the type of exception applied, the description placed by the person who entered the exception, and the date the exception was entered on. The Block and Enforced columns are used by the person entering the exception only. Exceptions are placed on the audit by the Registrar's Office when processing a petition or a substitution approved by the advisor. The Undergraduate Admissions Office can also add an exception prior to enrollment for transfer credits with approval from the Curriculum Coordinator or Department Chair.



Legend

- 1. The **Legend** displays icons frequently used in a degree audit.
 - a. Complete = This requirement has been met.
 - b. Not Complete = This requirement has not been met. Unmet requirements will display 'Still Needed' advise to the right of the requirement.
 - c. **Complete (with classes in-progress)** = The requirement is pending completion and will be met upon completion of an in-progress or pre-registered course.
 - d. **Nearly complete see advisor** = All requirements within a section are met except for a pending requirements. The whole section will be met upon completion of an in-progress or pre-registered course.
 - e. **Prerequisite** = Course has a prerequisite that must be completed prior to registration.
 - f. **Any course number** = Requirements displaying an '@' sign in the 'Still Needed' advice represents any course number that could fulfill the requirement. (Ex: EFB @ would represent any EFB course could be used to fulfill the requirement.)
 - g. Repeated class = Course has been repeated in an attempt to earn a higher grade.



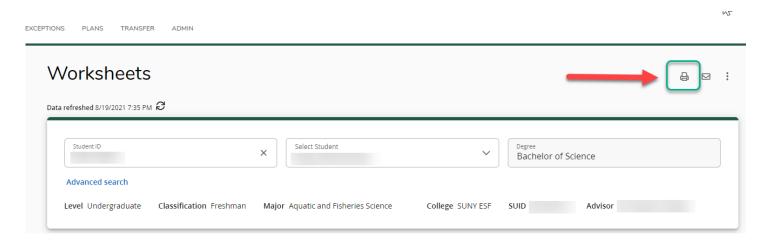
Process

- 1. The **Process** button refreshes the degree audit after making a change. This button does not update data changes outside of Degree Works (Ex: Banner). Examples of when to click this button:
- a. You want to select or deselect the Include in-progress/preregistered classes box and view the updated audit.

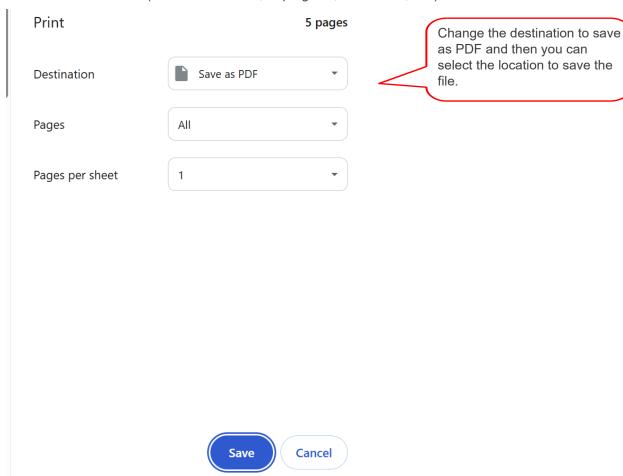


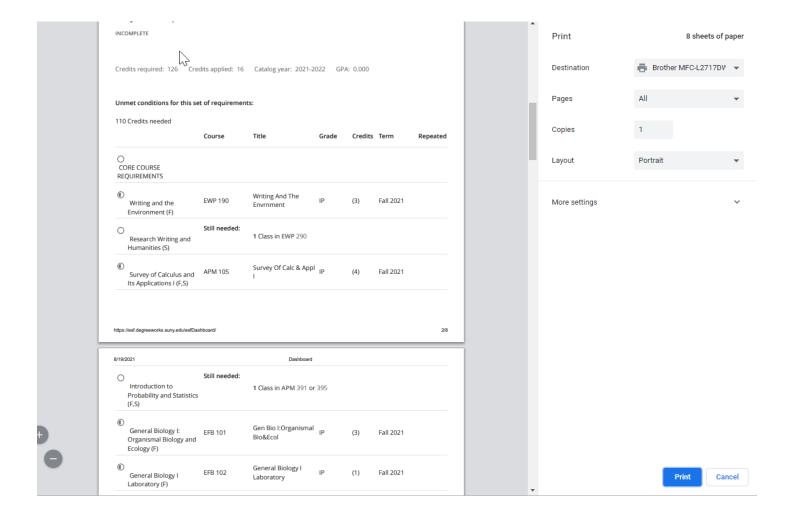
Printing or saving as a PDF

1. To print or save the audit, click the **Print** icon on the upper right-hand corner of the page or use the web browsers print menu



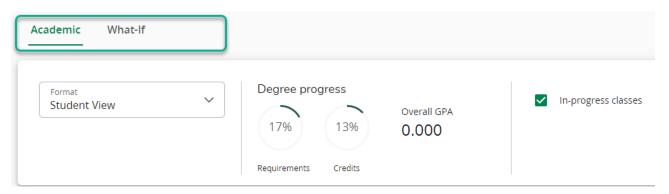
1. A box will open displaying the printer friendly view where you can change the destination box to select the printer attached to your computer or you can select save as a PDF to download this to your device. This view will include everything from the Student View of the web audit such as the sections making up a student's audit and all as needed sections (Courses Not Used, In-progress, Insufficient, etc.).



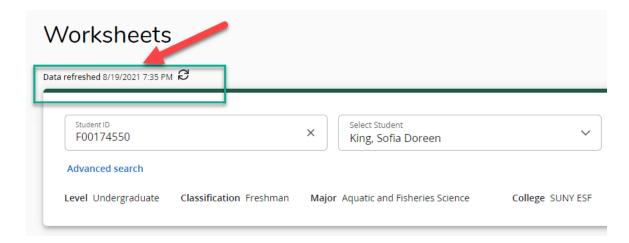


Tabs

- 1. This row contains the following screens to navigate to:
 - a. **Academic** = Access the student's degree audit.
 - b. **What-If** = Allows you to run an audit for another program of study or different Catalog year. You may also run an audit against an added minor or second major.



c. Last Refresh = This is the last date the student's data from Banner was updated.

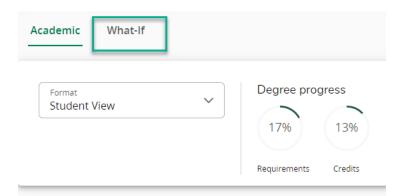


What If Audit

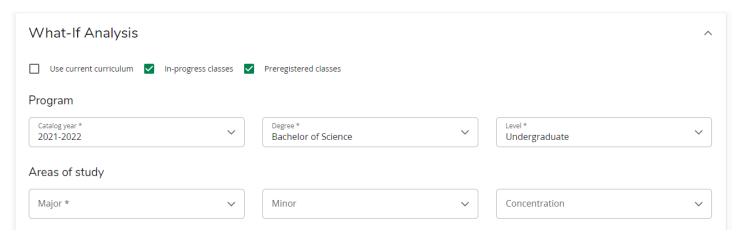
1. The What If functionality allows you to view a degree audit with hypothetical curriculum changes applied.

How to Run A What-If Audit

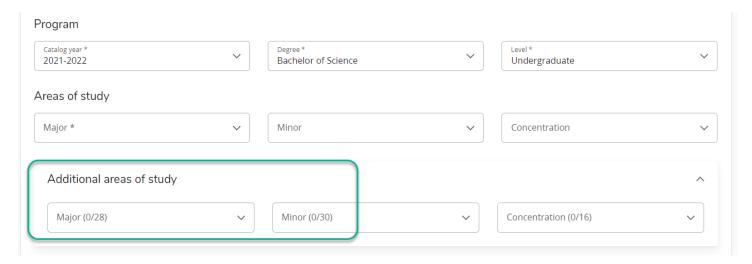
1. From the Student View on the Academic tab, click on the What If tab.



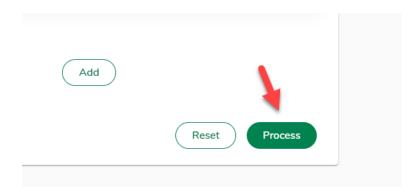
2. The student's current program information will be populated in the Program section. Update the Areas of Study section, along with the Program section (if applicable) to run the What-If audit for the new program of study. Please make sure you select the current catalog year because that will changed to the current year for a change of major. If you are running the What-If to add a minor or a concentration then you will need to change the catalog year to the year the student entered ESF.

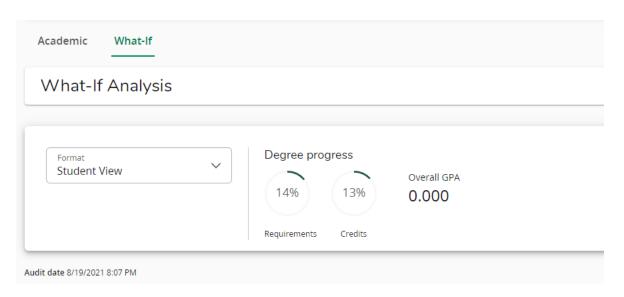


3. If you want to run the What-If audit for 2 hypothetical programs, fill out the Program and Areas of Study sections in addition to the Additional areas of study section. If not, leave this section blank and just fill out the Program and Areas of study sections.



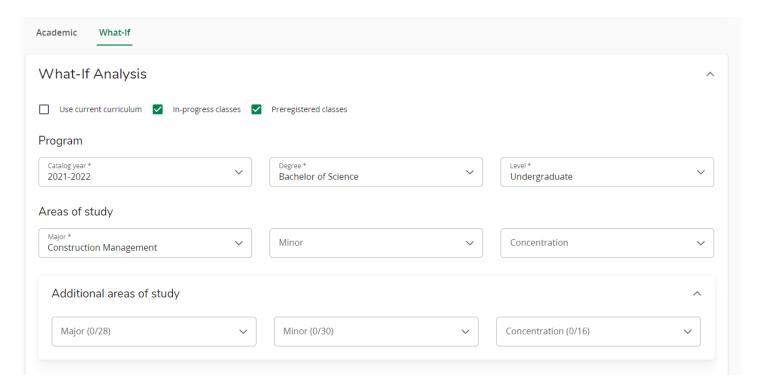
4. Click Process to run the What-If audit.





5. You will be re-directed to the Student View of the What-If audit. You can print this temporary audit or save as a pdf by clicking the **Printer icon** or by using the browsers print menu. When finished, click the **down arrow** to run a new What-If audit or click the **Academic** tab to be taken back to the active program's audit.



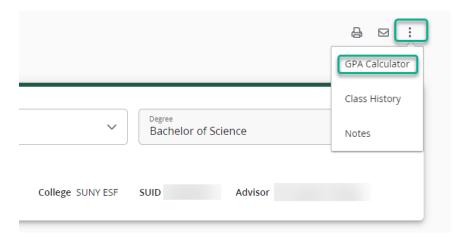


Please note that exceptions for petitions and other changes to your current major will not appear in a What-if for change of majors. Exceptions will be manually applied to the new major if applicable when the change of major is complete.

GPA Calculators

Graduation Calculator

1. Click the **dotted menu** located in the upper righthand side of the audit. Select **GPA Calculator** from the menu to be taken to the GPA Calculator module. This GPA calculator will inform you if the student's desired GPA is possible given their current grades and how their desired GPA may be achieved.



2. Once in the GPA Calculator, you will be taken to the **Graduation Calculator** tab. Your Current GPA, Credits Remaining, and overall Credits Required for your current program of study will be filled in automatically. You will need to enter your Desired GPA.

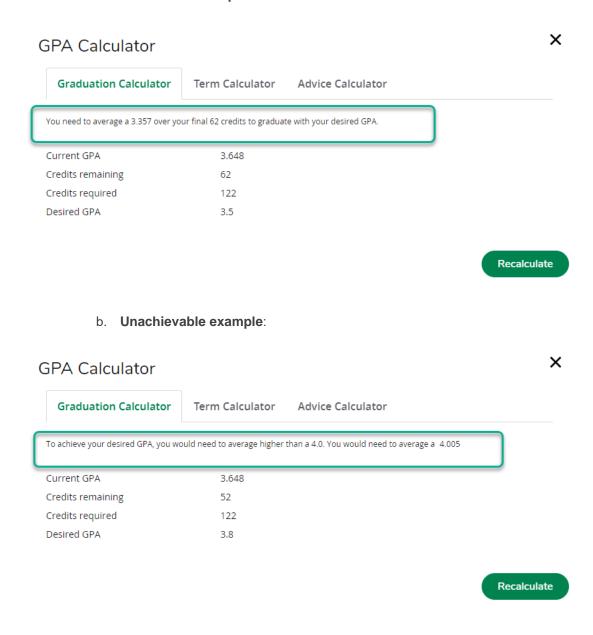
Desired GPA * 3.8



iraduation Calculator	Term Calculator	Advice Calculator
ter your desired GPA at g naining terms to achieve		e the average GPA you need to maintain in your
Current GPA * 3.648		
Credits remaining * 52		
Credits required * 122		
Desired GPA *		
		Calc
PA Calculator Graduation Calculator	Term Calculator	Advice Calculator
Graduation Calculator	graduation to calculat	
Graduation Calculator	graduation to calculat	Advice Calculator
nter your desired GPA at g emaining terms to achieve Current GPA*	graduation to calculat	Advice Calculator

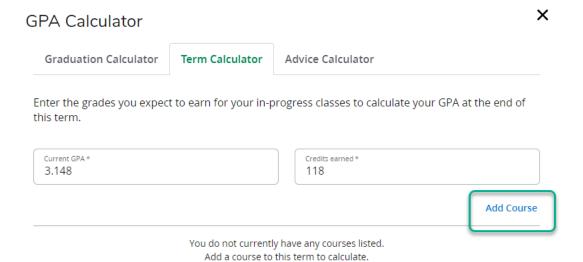


- 3. Click Calculate to see if the Desired GPA is possible.
 - a. Achievable example:

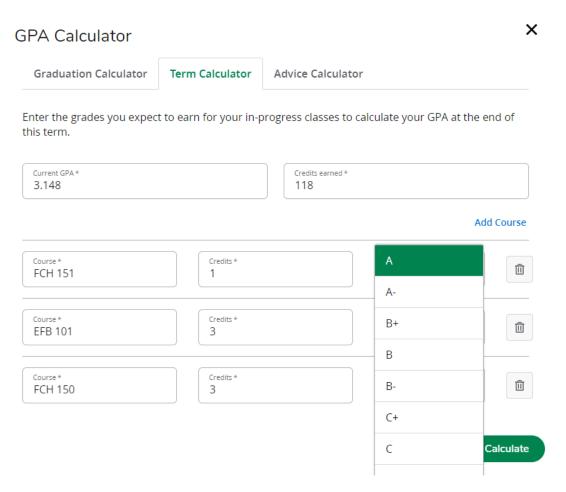


Term Calculator

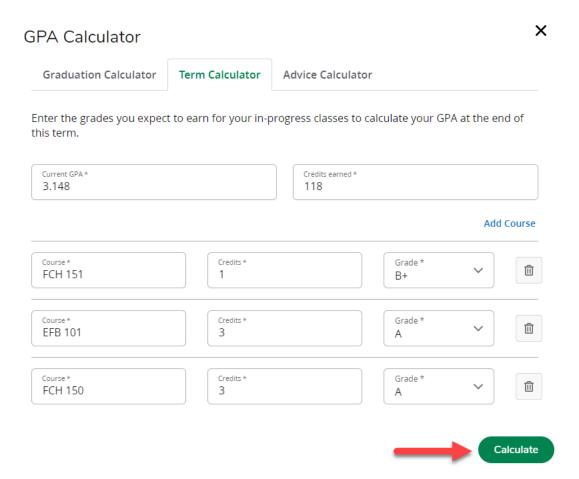
- 1. This GPA calculator calculates the student's GPA after the current term's grades have been considered. Click on the **Term Calculator** tab.
 - a. If the student has in-progress coursework, those courses will auto-populate into the course list along with their credit values. Additionally, you may add courses by clicking on the **Add Course** link in the lower left corner.



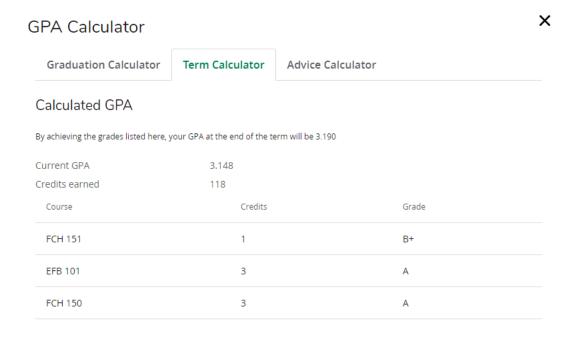
2. Enter the course prefix and number, credits, (if not registered and therefore automatically populated) and estimated grade you wish to have calculated in the GPA.



3. Click the Calculate button to view the term's estimated GPA.



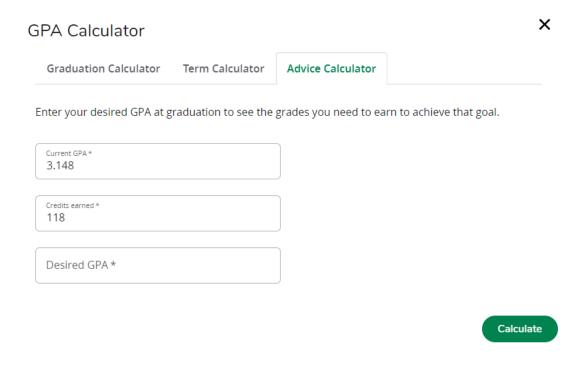
Result displayed from the Term Calculator:



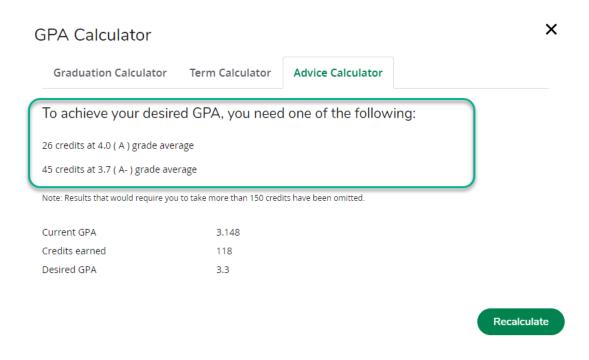
Recalculate

Advice Calculator

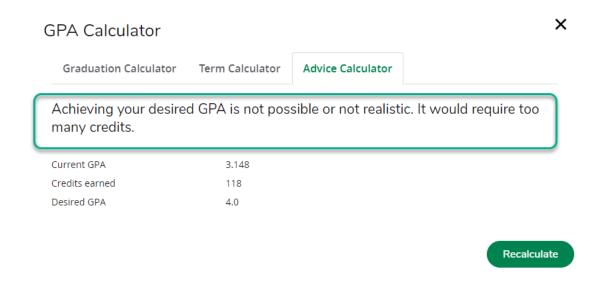
This GPA calculator displays the various options available to achieve a desired GPA. Click on the Advice Calculator tab



- 1. The current GPA and credits earned will be auto-populated. Enter the desired GPA and click Calculate.
 - a. Achievable example:



b. Unachievable example:



If you have questions then please review the FAQ for degree works. Please contact Beth Minard at emminard@esf.edu if you still have questions, find an error in the audit, or need to have a class moved to a different requirement.