

# Sophomore Planning Informational Session

## Department of Mathematics and Statistics

Welcome!

A brief presentation will start soon, and then  
there will be time for all your questions ...



# Requirements to be accepted as a major or minor:

- Credit or placement for at least 4 of the following: (in progress is fine)
  - Calculus I (Math 15)
  - Calculus II (Math 25)
  - Linear Algebra (Math 27 or 28)
  - Multivariable Calculus (Math 33, 34, or 35)
  - Discrete Math (Math 39)
- **Course:** at least a C+ average in all courses taken in department;  
and at least one grade of B or above in courses taken in department
- **Honors Major:** at least a B+ average in all courses taken in department
- **Honors Minor:** at least a B average in all courses taken in department

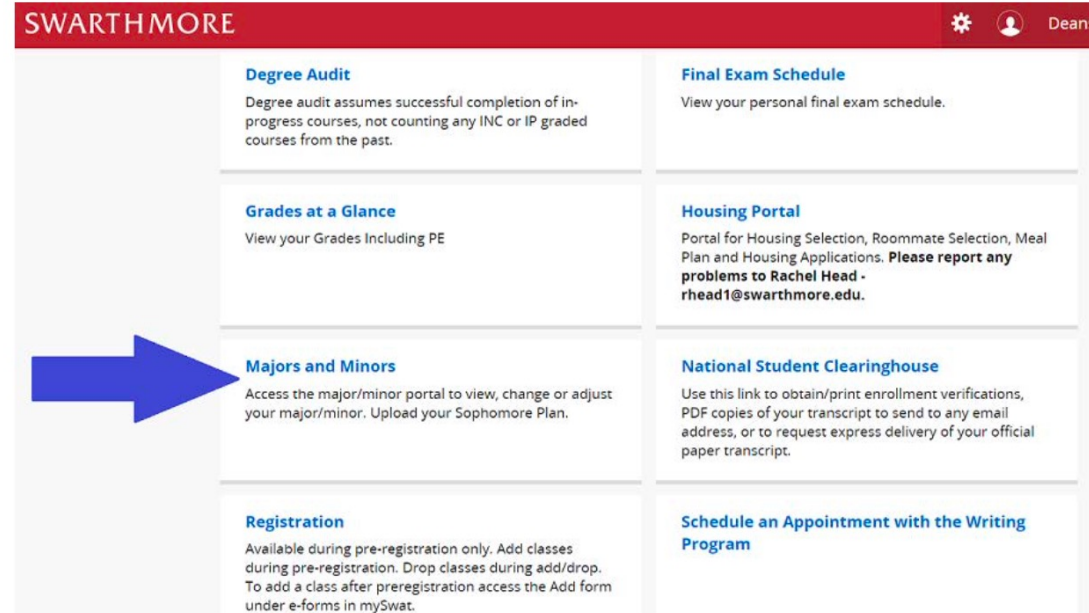
To do:

Click on “Majors and Minors”

in your mySwarthmore

## Sophomore Plan - Student Instructions

**Students complete their sophomore plan in the Student Information menu of mySwarthmore, in the Majors and Minors section.**



The screenshot shows the mySwarthmore Student Information menu. The header is red with 'SWARTHMORE' on the left and a settings gear, a user icon, and 'Deans' on the right. The menu is a grid of eight items:

- Degree Audit**: Degree audit assumes successful completion of in-progress courses, not counting any INC or IP graded courses from the past.
- Final Exam Schedule**: View your personal final exam schedule.
- Grades at a Glance**: View your Grades Including PE
- Housing Portal**: Portal for Housing Selection, Roommate Selection, Meal Plan and Housing Applications. **Please report any problems to Rachel Head - rhead1@swarthmore.edu.**
- Majors and Minors**: Access the major/minor portal to view, change or adjust your major/minor. Upload your Sophomore Plan. (A blue arrow points to this section from the left.)
- National Student Clearinghouse**: Use this link to obtain/print enrollment verifications, PDF copies of your transcript to send to any email address, or to request express delivery of your official paper transcript.
- Registration**: Available during pre-registration only. Add classes during pre-registration. Drop classes during add/drop. To add a class after preregistration access the Add form under e-forms in mySwat.
- Schedule an Appointment with the Writing Program**

# Input the majors and minors in which you're interested

Need to do by Feb 13

Remember: at most 2 majors or 1 major and up to 2 minors.

Also: interested in talking about honors? Etc.  
(click yes there – no commitment!)

It will ask if you have a request for a sophomore plan advisor. Feel free to ask! (perhaps a current or past professor)

**Majors and Minors Student Portal**

The following three questions are questions about your possible interest. By clicking "yes," you are not making any firm commitment or decision.

1. Are you interested in talking about Honors with your Advisor?  
 No  Yes

2. Are you interested in pursuing Teacher Certification?  
 No  Yes

3. Are you interested in Pre-Med?  
 No  Yes

You need only have one major; all others are optional. The department(s) will use this information from you to assign your Sophomore Plan Advisor. Your Sophomore Plan Advisor is a temporary advisor for February 2018.

You will be able to modify your major selections from 01/26/2018 until 02/12/2018

If including a minor or minors in your plan of study, you should request advisor for the minor(s). Be sure to read about Majors and Minors, and that some departments do not offer Course Minors:  
<http://www.swarthmore.edu/registrar/majors-minors-honors?sidebar=majors&content=newcurriculum>

You will be able to modify your minor selections from 01/26/2018 until 02/12/2018

**Majors**

Major Code: \*  
--Select Major--  
FRST: French & Francophone Studies  
GMST: German Studies  
GREK: Greek  
HIST: History  
INDIVIDUALIZED SPECIAL MAJOR  
LATN: Latin  
LING: Linguistics  
**EAGLES Eagles**  
MDST: Medieval Studies  
MUSI: Music  
PEAC: Peace & Conflict Studies  
PHIL: Philosophy  
PHYS: Physics  
POLS: Political Science  
RELG: Religion  
RUSS: Russian

guaranteed to get (ed.):

Submit Major

**Minors**

Minor Code: \*  
--Select Minor--

Requested Sophomore Plan Advisor (You are not guaranteed to get the particular sophomore advisor that you requested.):  
--Request Minor Advisor--

Cancel Submit Minor

# Find advisor assigned to you

By end of Feb 17, you should find the advisor that was assigned to you. Arrange to meet them in the next week!

The screenshot displays the 'Majors and Minors Student Portal' interface. On the left is a dark red navigation sidebar with menu items: 'Majors/Minors', 'Sophomore ...', 'Honors Plan', 'e Major/Minor', and 'g'. An orange arrow points from the text on the left to the 'g' menu item. The main content area has a dark red header with the title 'Majors and Minors Student Portal' and a user profile icon labeled 'ederick1'. Below the header are three sections:

- Pre-Major Advisor(s)**: A section with a dark red header. Below it, text states: 'Pre-Major Advisor(s) are assigned to you by the Dean's Office before an official Major has been declared and a Departmental Advisor has been assigned.' Below this text is a table with three columns: 'Advisor Name', 'Advisor E-mail', and 'Department'. The table contains one row of redacted information.
- Sophomore Plan Advisor(s)**: A section with a dark red header. Below it, text states: 'Sophomore Plan Advisor(s) are assigned to you by the individual Departments after you have indicated your intended Major(s)/Minor(s) (See Step 1: Majors/Minors above).' An orange arrow points from the right side of the screen towards this section.
- Major/Minor Advisor(s)**: A section with a dark red header. Below it, text states: 'Major/Minor Advisor(s) are assigned to you by individual Departments after they have reviewed your completed Sophomore Plan. During the advising period for course registration for Fall semester you should meet with your Major/Minor Advisor.' Below this text is a table with three columns: 'Advisor Name', 'Advisor E-mail', and 'Department'. The table contains one row of redacted information.

What you'll do when you meet your  
sophomore plan advisor:

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-Figure out how you will meet the requirements

Whatever you decide isn't written in stone, but we will use these to estimate the number of sections we need in future semesters.

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What are those requirements?



## Requirements for All Course Majors:



- Take 10 credits in math/stat
- Have credit or placement for: Math 15, Math 25, Math 27/28, Math 33/34/35
- Math 63 (real analysis)
- Math 97 during both your last two semesters at Swarthmore

## Then for various pathways:

### *No special emphasis:*

- 1) Math 67 (modern algebra)
- 2) 3 additional courses numbered above 38

### *Special emphasis applied math:*

- 1) Math 66 (numerical methods ...)
- 2) Math 43/44 (diff'l eqns)
- 3) One of Math 54/Math 56 (modeling or pdes)
- 4) one more class from Math 54, Math 56, Stat 51 (probability), Math 103 (complex analysis), ...

- 5) Also need CS21

### *Special emphasis statistics:*

- 1) Stat 21
- 2) Stat 51 (probability)
- 3) Stat 61 (math statistics I)
- 4) Stat 111 (math statistics II)
  
- 5) Also need CS21

### **Academic Program**

- Major/Minor Requirements
- Teaching Certification
- **Program for the Next Two Years**
- Department Data

For full rules, see “Program for the next two years” on our website:

# Requirements for Course Minor

All Minors:

Have credit or placement for:

Math 15, Math 25, Math 27/28, Math 33/34/35

At least 6 math/stat credits

For Stat Minor:

- 1) Stat 21
- 2) Stat 51
- 3) Stat 61
- 4) CS 21

For Math Minor:

2 pathways –

Regular: Math 63 or Math 67

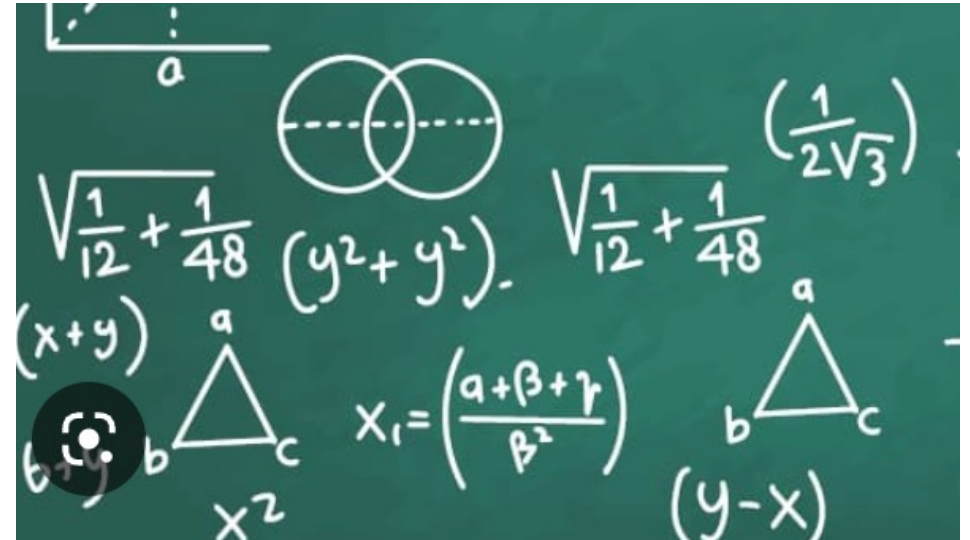
2 other courses numbered above 43

Applied: Math 66

Math 43/44

one of Math 54/Math 56/Stat 51

(Also need CS 21)



Again: full descriptions are on our website

## Requirements for Honors Majors:

- Take 10 credits in math/stat
- Have credit or placement for: Math 15, Math 25, Math 27/28, Math 33/34/35
- Three preparations of 2-credits each:
  - Analysis (real Math 63/101 or complex Math 63/103)
  - Algebra (Math 67/102)
  - One other from Statistics (Stat 61/111),  
Geometry (Math 65/105),  
Topology (Math 104)
- Have an honors minor

## Requirements for Honors Minor:

- Take 6 credits in math/stat
- Have credit or placement for: Math 15, Math 25,  
Math 27/28, Math 33/34/35
- One of the above 2-credit preparations
- Have an honors major



Prof. Weinberg will host a meeting  
about honors Friday, 7 pm

**Schedule of most upper-level credit-bearing courses offered during the next two years**

From:  
Last page of  
*Program for  
the next two  
years*

Academic Year 2023-2024

Fall Semester		Spring Semester	
Math 58	Number Theory	Math 43	Basic Differential Equations
Stat 61	Mathematical Statistics I	Math 44*	Differential Equations
Math 63	Introduction to Real Analysis	Stat 51	Probability
Math 66	Stochastic & Numerical Methods	Math 56	Modeling
		Math 57/77	Topics in Algebra
		Math 67	Introduction to Modern Algebra
Math 102	Modern Algebra II	Math 101	Real Analysis II
Math 103	Complex Analysis	Math 104	Topology
		Stat 111	Mathematical Statistics II

Academic Year 2024-2025

Fall Semester		Spring Semester	
Stat 61	Mathematical Statistics I	Math 43	Basic Differential Equations
Math 63	Introduction to Real Analysis	Math 44*	Differential Equations
Math 65	Introduction to Geometry	Stat 51	Probability
Math 66	Stochastic & Numerical Methods	Math 53/73	Topics in Analysis
Math 69	Combinatorics	Math 54	Partial Differential Equations
		Math 67	Introduction to Modern Algebra
Math 102	Modern Algebra II	Math 101	Real Analysis II
		Math 105	Geometry II
		Stat 111	Mathematical Statistics II

**Questions?**