

# New Student Orientation

Lyman Briggs College

College and University Requirements



Lyman Briggs College  
MICHIGAN STATE UNIVERSITY

# What we will cover today:

1. Core Lyman Briggs Requirements
2. University Requirements
3. Next Steps



# 120 credits to Graduate

Your University,  
college, major,  
and  
elective/minor  
courses make  
up your degree.

You will have  
specific college  
requirements  
for Lyman  
Briggs, that ALL  
will complete.

**UNIVERSITY  
REQUIREMENTS**

**COLLEGE  
REQUIREMENTS**

**MAJOR  
REQUIREMENTS**

**ELECTIVE/  
EXPLORATORY  
COURSES/MINO  
R/SECOND  
DEGREE, ETC.**



	<b>Fall Credits</b>	<b>Spring Credits</b>	<b>Total # of Credits</b>	<b>Summer (options)</b>
<b>Freshman</b> (1-27 credits)	14-16	14-16	30	Local college
<b>Sophomore</b> (28-56 credits)	14-16	14-16	60	Internship
<b>Junior</b> (56-87 credits)	14-16	14-16	90	Study Abroad
<b>Senior</b> (88+ credits)	14-16	14-16	120	If needed



# Core Lyman Briggs Requirements:

Science and Society	Math	Chemistry	Biology	Physics	Senior Seminar
<p><b>LB 133:</b> Introduction to Science and Society (tier I writing)</p> <p><b>LB 321-327A:</b> Upper-level Science and Society</p> <p><b>LB 321-327B:</b> Upper-level Science and Society</p>	<p><b>LB 118:</b> Calculus I</p> <p><b>LB 119:</b> Calculus II</p> <p>OR</p> <p><b>STT 231:</b> Statistics for Scientists</p>	<p><b>LB 171/LB 171L:</b> Principles of Chemistry I/Introductory Chemistry Laboratory</p> <p><b>LB 172/LB172L:</b> Chemistry II/Reactivity Laboratory</p>	<p><b>LB 144:</b> Biology I: Organismal Biology</p> <p><b>LB 145:</b> Biology II: Cellular and Molecular Biology</p>	<p><b>LB 273:</b> Physics I: Mechanics</p> <p><b>LB 274:</b> Physics II: Electricity/Magnetism</p>	<p><b>LB 492:</b> Senior Seminar (capstone)</p>

College requirements in Science and Society and mathematics will fulfill University requirements for graduation.



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# Math:

- Math determines your placement into science courses because math is foundational to the sciences
- **REMEMBER: everyone starts in the course that is best for their success at MSU**
- **Math Placement:**
  - Will determine your math coursework for fall and spring semester
  - Do you have transfer/IB/AP credit for mathematics?
    - Credit **MUST** be on file
  - Every student will have credit for calculus (LB 118/MTH 132)
  - You will need either LB 119 or STT 231 (your major determines this) to complete your Lyman Briggs mathematics requirement
  - You may take more math, it depends on your interests



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Admissions > Admitted > First-year prepare to enroll

## Prepare to enroll

After you have reserved your place in the incoming class at Michigan State University, you must complete your final enrollment steps throughout your New Student Orientation (NSO). Visit the orientation website to complete the applicable items on the [first-year student checklist](#).

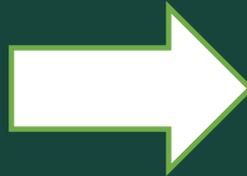
Continue to the first-year orientation checklist:

[Orientation checklist](#)

**First-year next steps**

- Reserve your place
- Send final transcripts
- Prepare to enroll**
- Complete orientation

[Submit deposit](#)



## FIRST-YEAR STUDENT CHECKLIST

Wondering what you need to do during New Student Orientation (NSO) and your transition to MSU? Check your progress! The NSO experience is organized into a series of **five checkpoints**, which will be completed in the following order:

- **Checkpoint 1: Getting started** – All new undergraduate students will review and complete the following items to start their NSO experience: submit the Access & Technology survey, the **Math Placement Assessment**, the Writing Self-Directed Placement Assessment, and the Language Placement Assessments. **Note: Fall 2024 students** are highly encouraged to complete the necessary course assessments and survey tools before academic advising and course enrollment occur in June and July, 2024. **Spring 2024 students** are highly encouraged to complete these items starting in late October before advising and enrollment occurs in January.



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## Mathematics Placement Service Assessment

If you have your MSUNet login information and you are ready to have your placement in mathematics determined by the Mathematics Placement Service now, you may proceed to

[Take the MPS Assessment.](#)



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# Math, Continued:

Math Placement	Fall Math Course	Spring Math Course
0-11	MTH 103	LB 117
12-18	LB 117	LB 118
19+	LB 118	LB 119 <b>OR</b> STT 231  (STT 231 may not be available. You can take this the following school year.)



# Lyman Briggs Science Coursework:

- Based on your math placement score, you will be placed into the appropriate math courses and science courses for your first year
- Your academic interests will also play into what science courses you take:
  - First-year students interested in chemistry or biology majors, will likely take chemistry courses
  - To take biology, you must first understand chemical reactions
- First-year students interested in a physics major will likely take physics coursework



# Math for Chemistry/Biology Interests:

Math Placement	Fall Math Course	Spring Math Course	Fall Science Coursework	Spring Science Coursework
0-11	MTH 103	LB 117	LB 155	LB 171/LB 171L
12-18	LB 117	LB 118	LB 171/LB 171L	LB 172/LB 172L
19+	LB 118	LB 119 <b>OR</b> STT 231	LB 171/LB 171L	LB 172/LB 172L



# Math for Physics Interests:

Math Placement	Fall Math Course	Spring Math Course	Fall Science Coursework	Spring Science Coursework
0-11	MTH 103	LB 117	LB 155	LB 171/LB 171L
12-18	LB 117	LB 118	LB 171/LB 171L	LB 273 <b>OR</b> PHY 183/PHY 191
19+	LB 118	LB 119	LB 273	LB 274



# Science and Society:

## Science and Society

LB 133: Introduction to Science and Society, tier I University writing requirement

- LB 133 will cover University writing requirement WRA 101

LB 321-327A/B Two upper-level Science and Society courses, tier II University writing requirement

- LB 321-327A will cover University Integrative Studies requirement IAH 211+
- LB 321-327B will cover University Integrative Studies requirement ISS 300+

- Take writing placement, if needed
- Science and Society coursework replaces the University tier writing I requirement, WRA 101
- Lyman Briggs students will take LB 133, not WRA 101
- You are completing University requirements in the "Briggs" way, with a science focus through these courses.



# University Requirements:

<b>Integrative Studies in Social Science (ISS)</b>	<b>Integrative Studies in Arts and Humanities (IAH)</b>
ISS 210-235	IAH 201-210

- Integrative Studies coursework provides a background in social science and arts and humanities
- This coursework is required for graduation
- ISS 210-235 and IAH 201-210 can be taken anytime. However, it is likely you will take at least one of the courses in your first year
- Honors College (HC) students will not take ISS and IAH courses. Please refer to your appointment with your HC Advisor and substitutions you agreed upon during your Advising Appointment



# Next Steps:

1. Continue completing ALL the sessions
2. Review resources and complete activities for each session
3. Check your MSU email regularly
  - We will be communicating with you through your MSU email
4. Come back to this session as needed, when you are completing your Homework

