COURSE PLANNING

WORKSHOP

Tues 14 2023

student actuaries michigan

MEET THE BOARD MEMBERS

SAJNI

UC Ambassador

ANIKA

Social Chair

JUSTIN

DEI Chair

01

CURRICULUM OVERVIEW

REQUIRED COURSES

Cognates Suggested (2 Required)

- **FIN 302** Making Financial Decisions (SOA VEE Accounting & Finance)
- **ACC 302** Financial Accounting (SOA VEE Accounting & Finance)
- **STATS 415** Data Mining and Statistical Learning (Exam SRM)
- **TO 414** Advanced Analytics for Management Consulting (Exam PA)

CORE Courses

- **MA 423** Mathematics of Finance
- **MA 424 (*)** Mathematical Interest Theory (Exam FM)
- **MA 520 (*)** Life Contingencies Part I (Exam FAM)
- **MA 523 (*)** Loss Models I (Exam FAM)
- **MA 521** Life Contingencies Part II (Exam ALTAM) **OR** **MA 524** Loss Models II (Exam ASTAM)

BASIC Courses

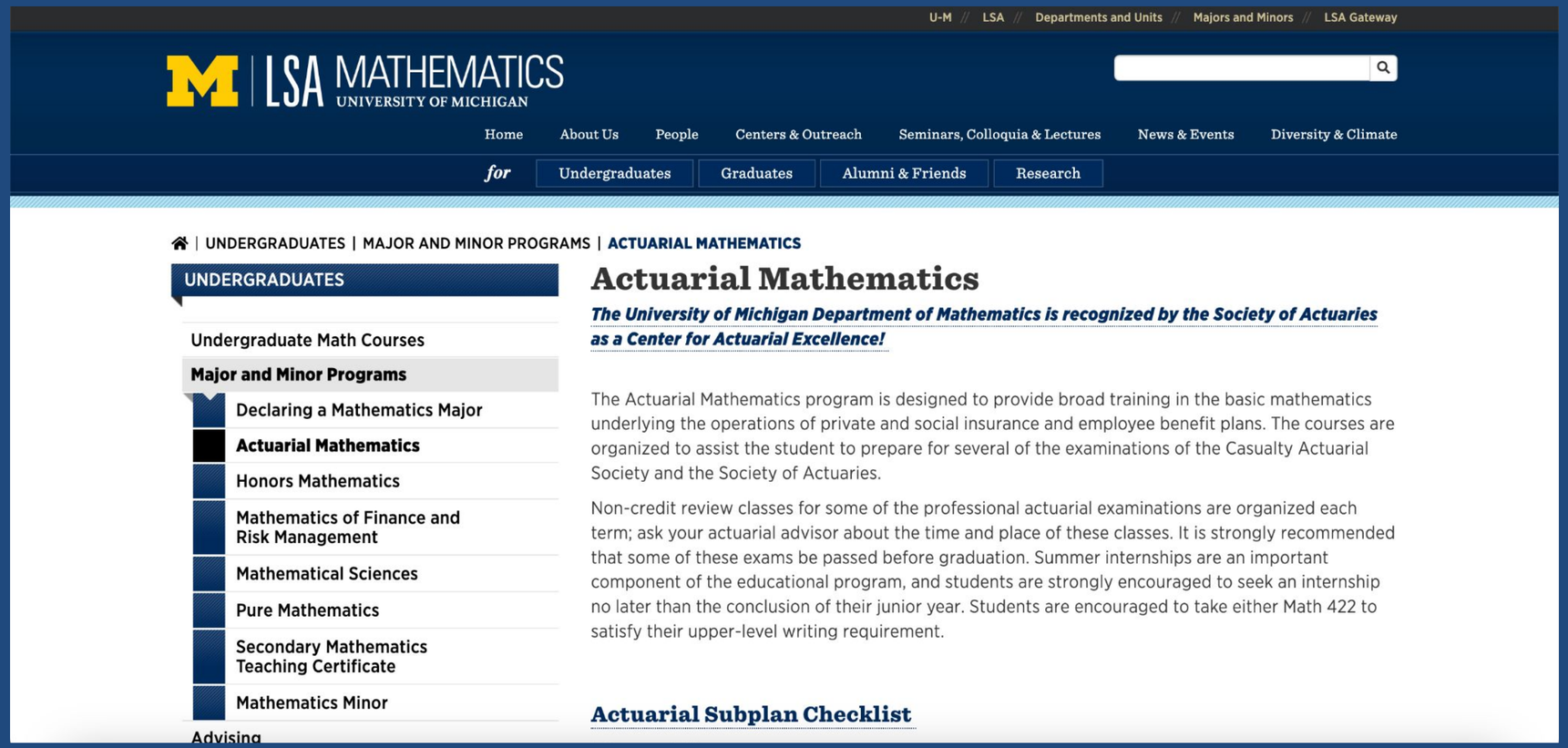
- **MA 316 (*)** Differential Equations OR MA 286
- **MA 351 (*)** Principles of Analysis OR MA 451
- **MA 425 (*)** Introduction To Probability (Exam P)
- **STATS 426 (*)** Introductory Theoretical Statistics (SOA VEE Mathematical Statistics)

Pre-requisites

- **MA 215** Calculus III OR 255/285/295
- **MA 217** Linear Algebra OR 296/395
- **ECON 101** Microeconomics (SOA VEE MicroEconomics)
- **ECON 102** Macroeconomics (SOA VEE MacroEconomics)
- **EECS 183** Elementary Programming Concepts

LSA DEGREE REQUIREMENTS

[LINK]



02

COURSE INFORMATION

COURSE NAME

PROFESSIONAL NAME

DIFFICULTY (5 = hardest)

WORKLOAD (5 = hardest)

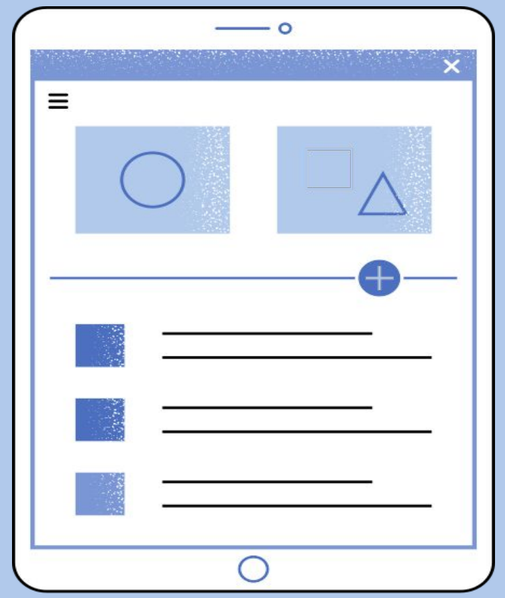
# of CREDITS

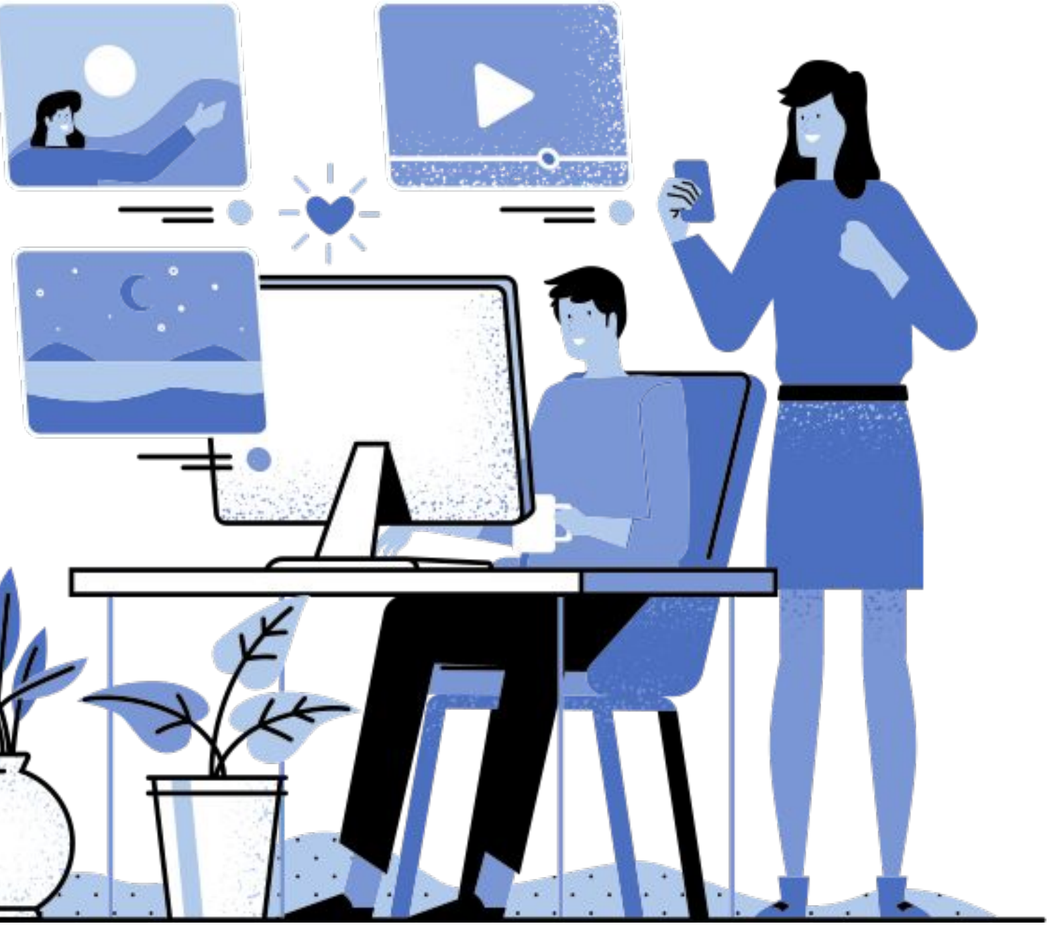
PRE-REQS NEEDED BEFORE CLASS

WHEN IT IS OFFERED

DOES IT COVER ANY EXAMS?

LINK FOR THIS DOCUMENT





03

TEMPLATE FOR PLANNING

TEMPLATE: MAKE A COPY OF YOUR OWN

LINK

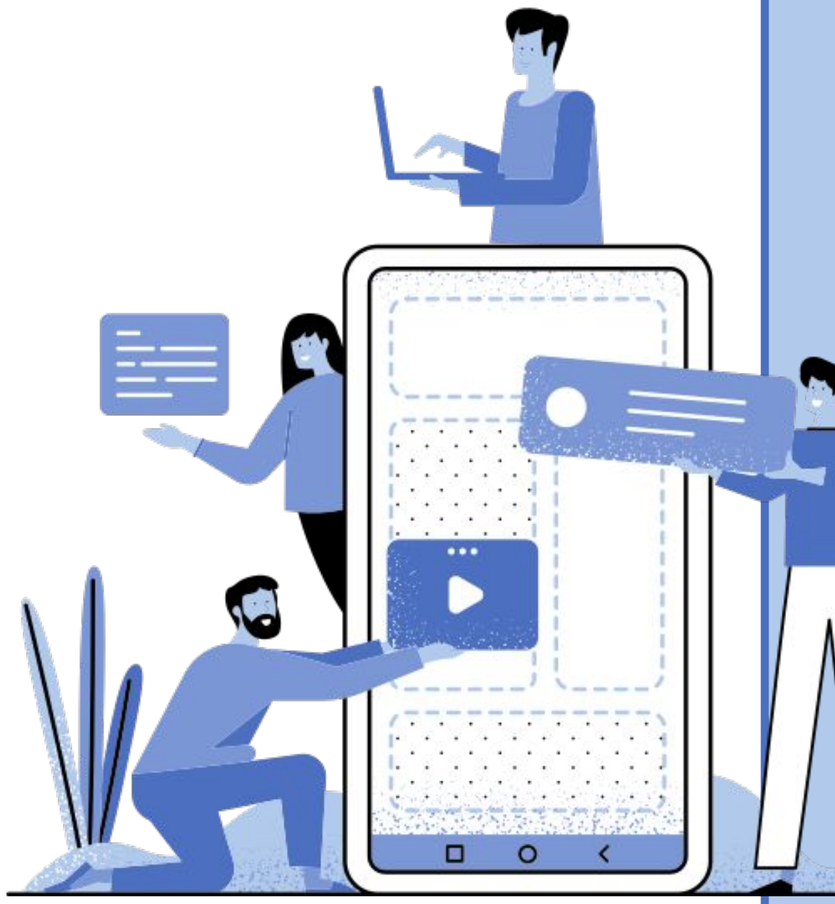
[TEMPLATE] 4-year Course Plan

File Edit View Insert Format Data Tools Extensions Help

Share

	Major: Actuarial Math Minor/Major 2					
	Schedule					
	First Year (20XX - 20XX)					
	Fall Semester	Course Type	Credits	Winter Semester	Course Type	Credits
			0			0
	Second Year (20XX - 20XX)					
	Fall Semester	Course Type	Credits	Winter Semester	Course Type	Credits
			0			0
	Third Year (20XX - 20XX)					
	Fall Semester	Course Type	Credits	Winter Semester	Course Type	Credits

Actuarial Major | Course Checklist | Exam Checklist | Networking List

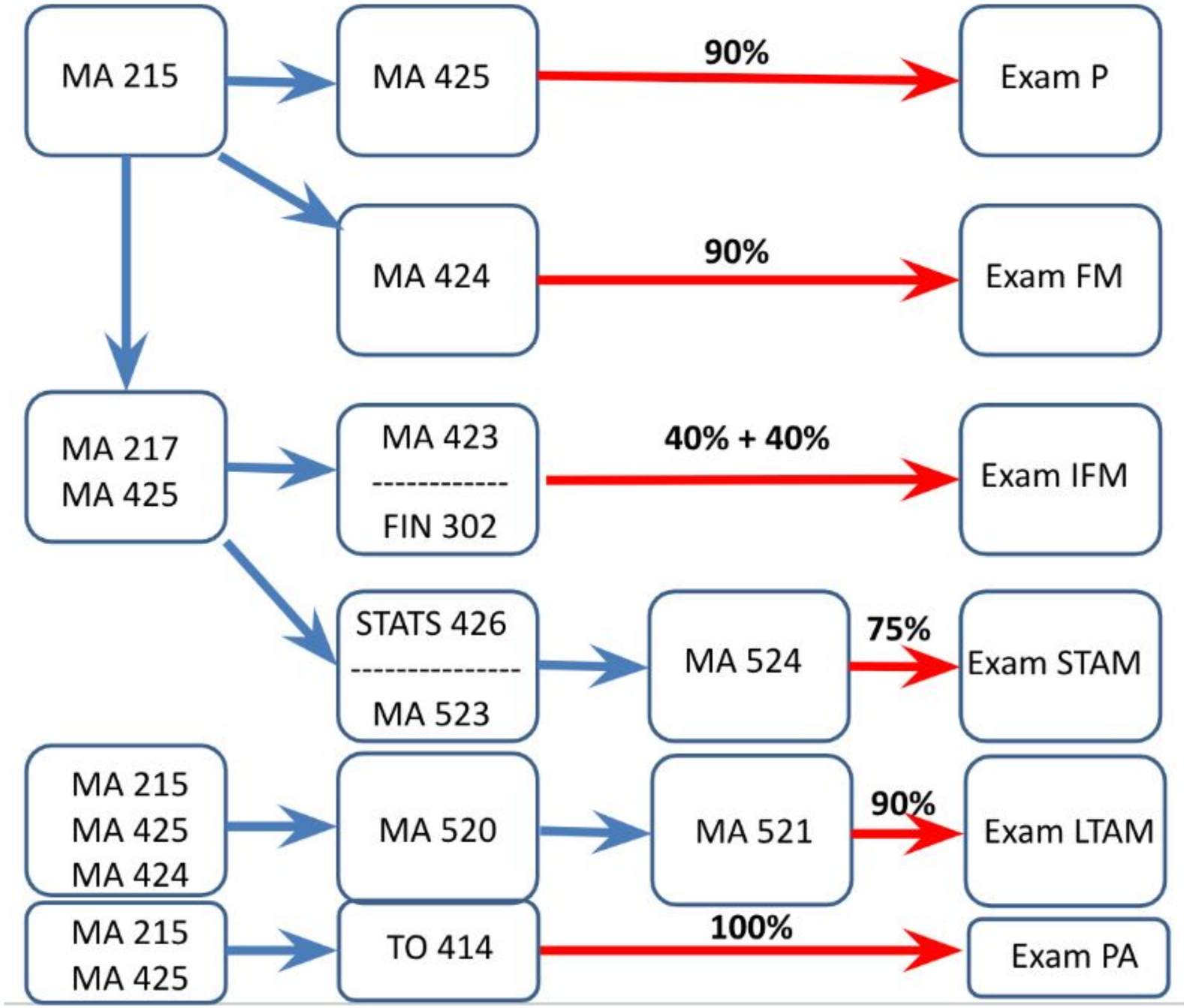


BE SURE TO COPY ALONG ANY COMMENTS LEFT ON THE TEMPLATE

04

EXAM STRATEGY

plan your courses based on exam sittings!

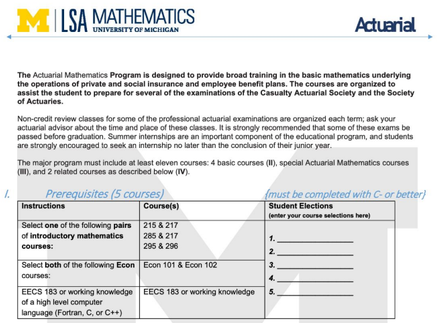


05

RESOURCES

ACTUARIAL SUBPLAN CHECKLIST

Link →



LSA MATHEMATICS
UNIVERSITY OF MICHIGAN
Actuarial

The Actuarial Mathematics **Program is designed to provide broad training in the basic mathematics underlying the operations of private and social insurance and employee benefit plans. The courses are organized to assist the student to prepare for several of the examinations of the Casualty Actuarial Society and the Society of Actuaries.**

Non-credit review classes for some of the professional actuarial examinations are organized each term; ask your actuarial advisor about the time and place of these classes. It is strongly recommended that some of these exams be passed before graduation. Summer internships are an important component of the educational program, and students are strongly encouraged to seek an internship no later than the conclusion of their junior year.

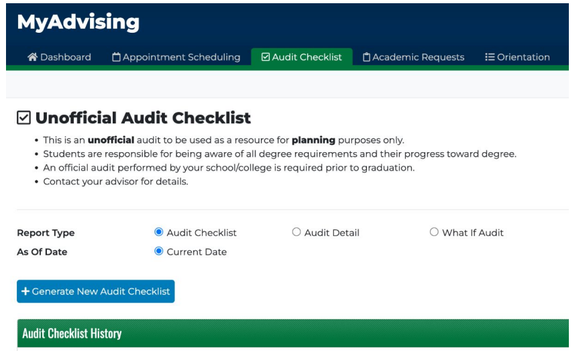
The major program must include at least eleven courses: 4 basic courses (**II**), special Actuarial Mathematics courses (**III**), and 2 related courses as described below (**IV**).

I. Prerequisites (5 courses) (must be completed with C- or better)

Instructions	Course(s)	Student Elections (enter your course selections here)
Select **one** of the following **pairs** of **introductory mathematics courses:**	215 & 217 285 & 217 295 & 296	*1.* _____ *2.* _____
Select **both** of the following **Econ** courses:	Econ 101 & Econ 102	*3.* _____ *4.* _____
EECS 183 or working knowledge of a high level computer language (Fortran, C, or C++)	EECS 183 or working knowledge	*5.* _____

DEGREE AUDIT

wolverine access → search 'degree audit' → 'generate new audit checklist'



MyAdvising

Dashboard | Appointment Scheduling | Audit Checklist | Academic Requests | Orientation

Unofficial Audit Checklist

- This is an **unofficial** audit to be used as a resource for **planning** purposes only.
- Students are responsible for being aware of all degree requirements and their progress toward degree.
- An official audit performed by your school/college is required prior to graduation.
- Contact your advisor for details.

Report Type ◉ Audit Checklist ○ Audit Detail ○ What If Audit

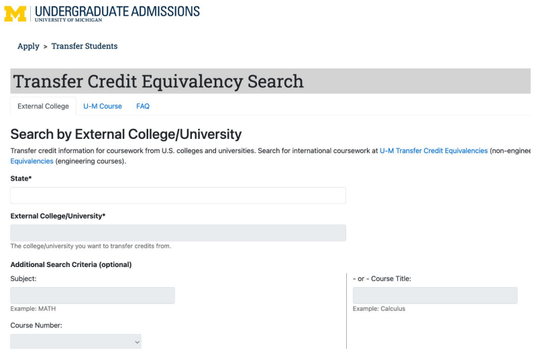
As Of Date ◉ Current Date

+ Generate New Audit Checklist

Audit Checklist History

TRANSFER EQUIVALENCY WEBSITE

Link →



UNDERGRADUATE ADMISSIONS
UNIVERSITY OF MICHIGAN

Apply > Transfer Students

Transfer Credit Equivalency Search

External College | U-M Course | FAQ

Search by External College/University

Transfer credit information for coursework from U.S. colleges and universities. Search for international coursework at U-M Transfer Credit Equivalencies (non-engineering Equivalencies (engineering courses).

State*

External College/University*

The college/university you want to transfer credits from.

Additional Search Criteria (optional)

Subject:

Example: MATH

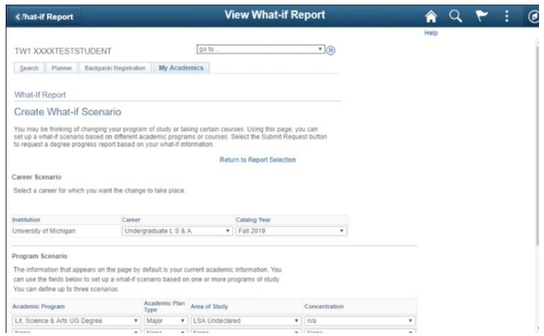
Course Number:

- or - Course Title:

Example: Calculus

WHAT-IF REPORT

wolverine access → student business → search 'what if report'



What-if Report | View What-if Report | Help

TW1 XXXXTESTSTUDENT | go to

Search | Planner | Backpack/ Registration | My Academics

What-If Report

Create What-if Scenario

You may be thinking of changing your program of study or taking certain courses. Using this page, you can set up a what-if scenario based on different academic programs or courses. Select the Submit Request button to request a degree progress report based on your what-if information.

Return to Report Selection

Career Scenario

Select a career for which you want the change to take place.

Institution	Career	Catalog Year
University of Michigan	Undergraduate L S & A	Fall 2019

Program Scenario

The information that appears on the page by default is your current academic information. You can use the fields below to set up a what-if scenario based on one or more programs of study. You can define up to three scenarios.

Academic Program	Academic Plan Type	Area of Study	Concentration
Lit, Science & Arts UG Degree	Major	LSA Undeclared	n/a

TIMELINE

TODAY

Access Template and familiarize yourself with curriculum

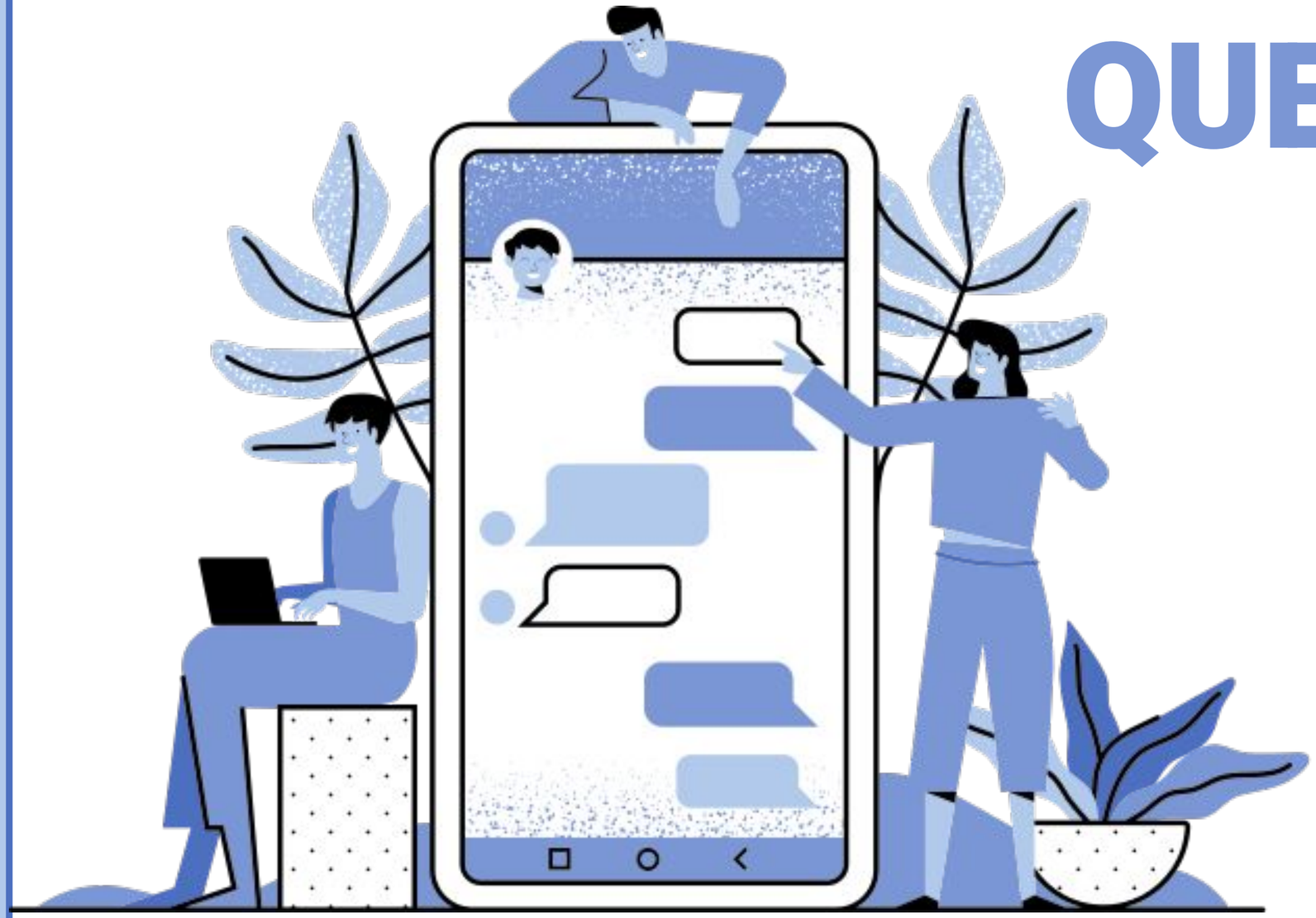
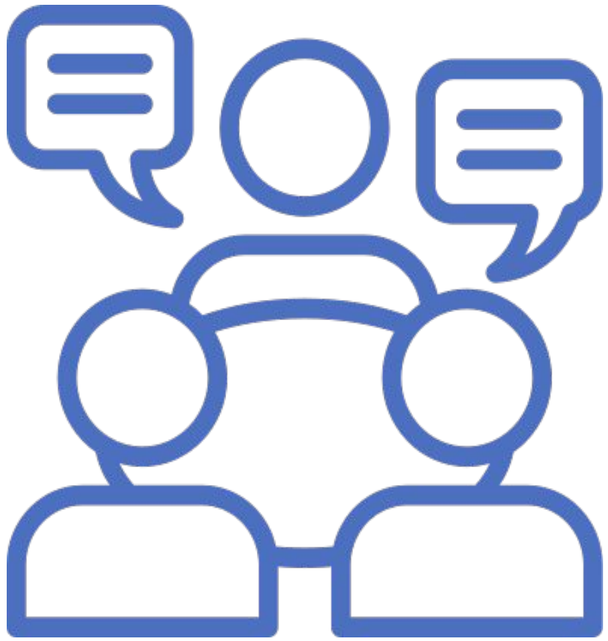
EARLY NOVEMBER

Make your plan!

LATE NOVEMBER

Reach out to SAM members about your plan

EARLY DECEMBER

Course Selection

QUESTIONS?