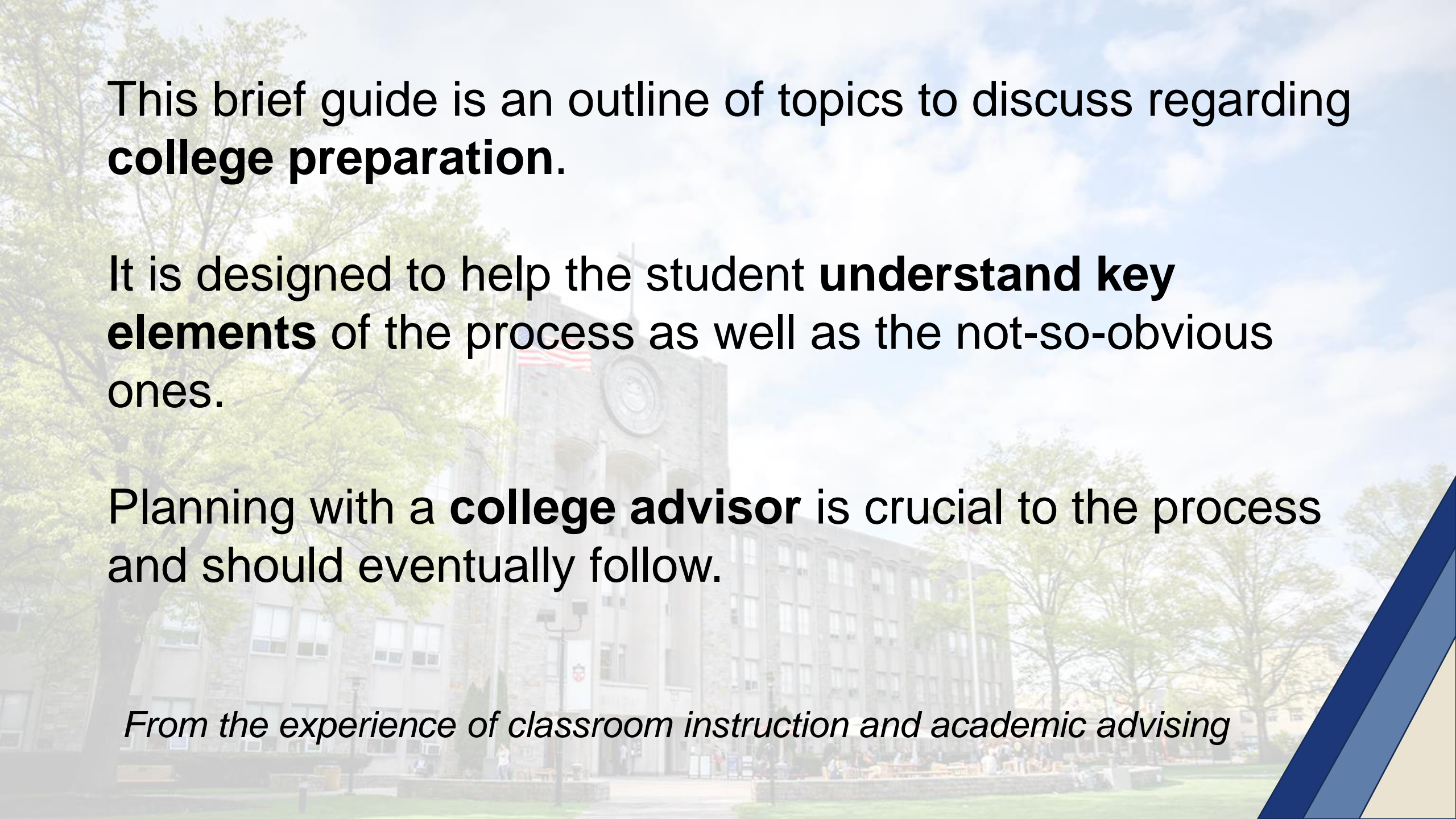


Preparing for College (University) Higher education Career path





This brief guide is an outline of topics to discuss regarding **college preparation**.

It is designed to help the student **understand key elements** of the process as well as the not-so-obvious ones.

Planning with a **college advisor** is crucial to the process and should eventually follow.

From the experience of classroom instruction and academic advising

As you begin preparing for college/university, you open the door to a future of excitement and possibilities which are endless. It's a journey that starts with the first thought of continuing your education to discovering the career possibilities that lie before you, to entering that rich world where you can dedicate yourself in a profession that brings out your gifts and talents.



Your Choice University



Upon the recommendation of the Board of Regents for the State University and Community College system and the faculty of the University, hereby bestows upon

Michael J. Stone

the degree of:

Bachelor of Computer Technology

Together with all the rights, honours and privileges appertaining thereto and consideration of the satisfactory completion of all the prescribed courses therein. In Testimony Whereof the signatures that are authorized by the Board of Regents and Dean of this University are hereunto affixed given at state on this twelfth day of May in the year twenty, twenty two

Peter L. Spanno Ed.D.
President, Board Of Regents



Joseph Brandon Ph.D.
Dean of the University

Exploring reasons for going to college

- 1.
- 2.
- 3.
4. ...etc.



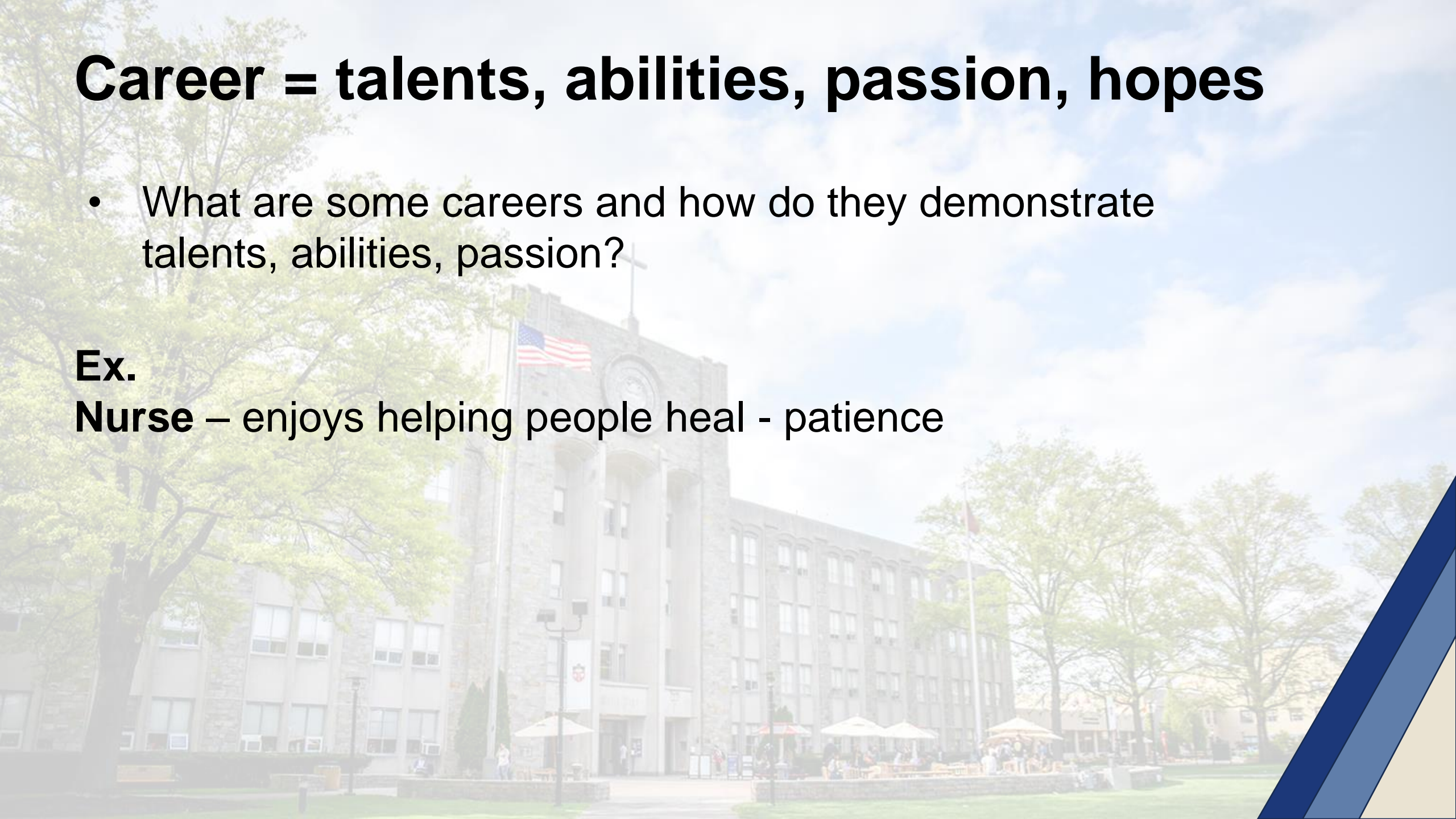
Discussing the reasons helps identify the benefits and needed procedures

Career = talents, abilities, passion, hopes

- What are some careers and how do they demonstrate talents, abilities, passion?

Ex.

Nurse – enjoys helping people heal - patience



**Community college
vs.
4-year university**

FORDHAM UNIVERSITY

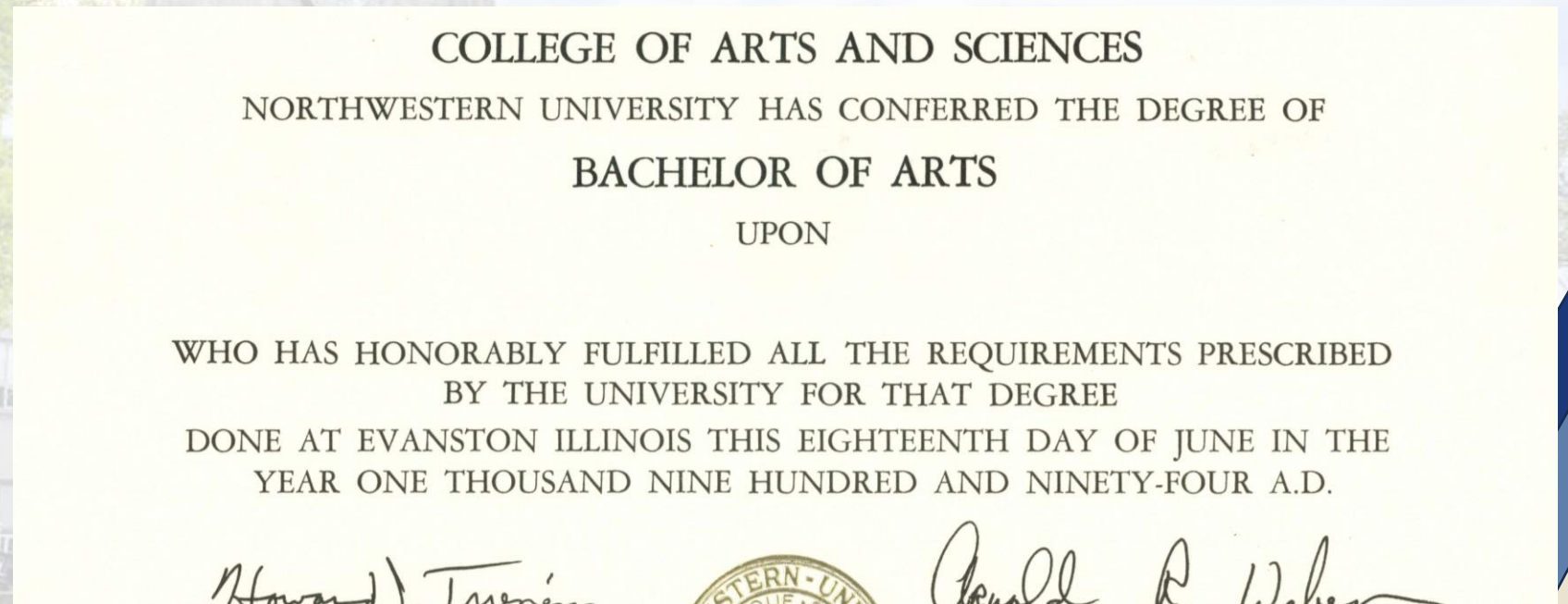
THE JESUIT UNIVERSITY OF NEW YORK

Understanding the various degrees & certificates

Undergraduate & Graduate

AA, AS, BA, BS, MA, MS, Ph D, ...etc.

& number of years and credits



The background of the slide is a photograph of a large, multi-story university building with a prominent clock tower. The building is surrounded by green trees and a clear blue sky with light clouds. In the foreground, there is a paved walkway and some outdoor seating areas with umbrellas. The overall scene is bright and sunny.

The next step after an Associates degree:

transfer

**to a 4-year school (college, university) for a
Bachelor's degree**

1. Classes that transfer (core classes)

2. Classes that don't transfer

Not all classes/courses transfer to a 4-year school.
Careful to take the right classes.

Are you in the right class?



Degree program / Program of study / pathway
= list of classes needed for the degree

Biology, math, history,... etc.

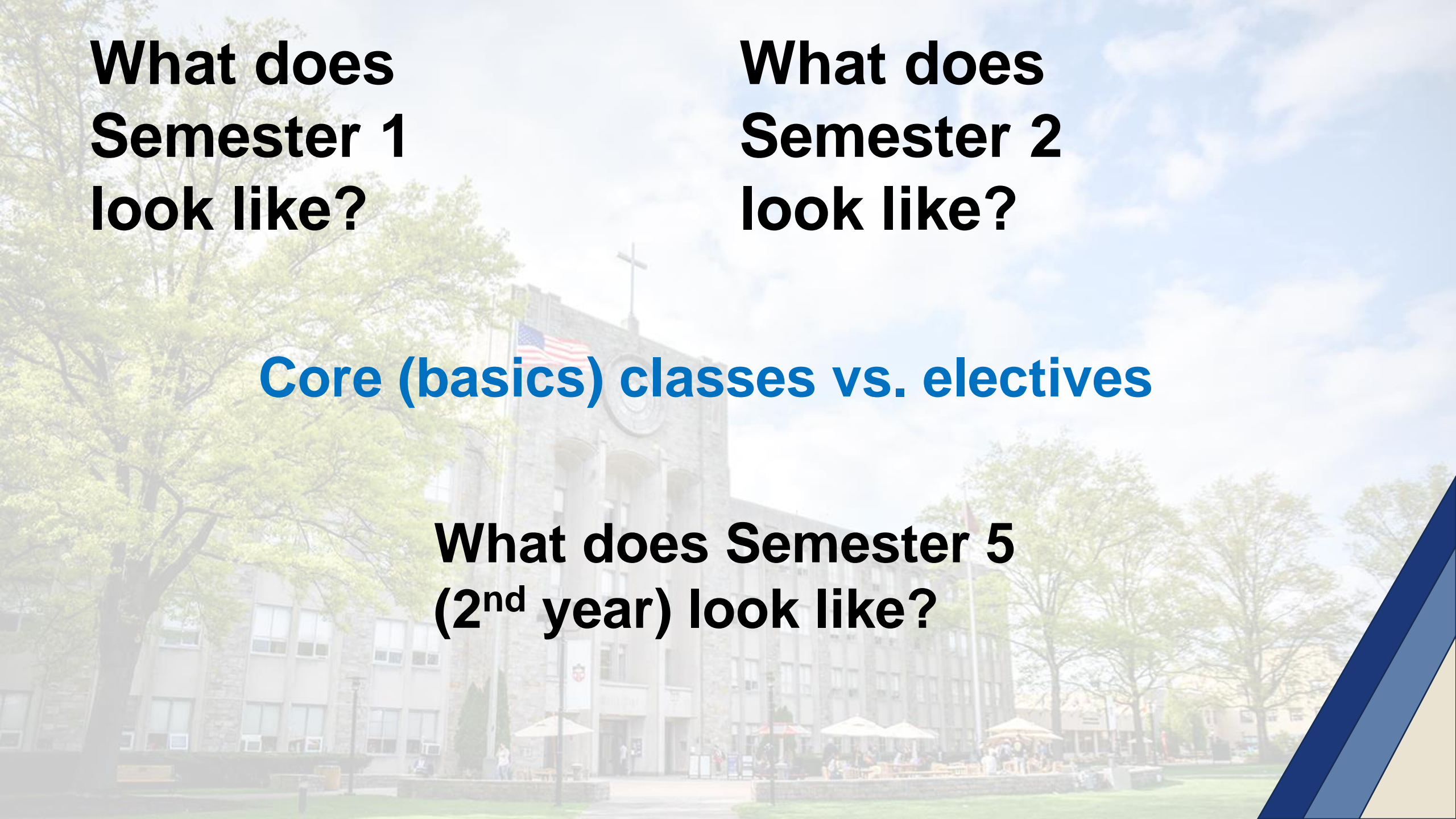


**What does
Semester 1
look like?**

**What does
Semester 2
look like?**

Core (basics) classes vs. electives

**What does Semester 5
(2nd year) look like?**



Program of study – examples...

N) 2: MATHEMATICS (3 Credits)

> Select from the following:

> MATH 1314, 1316, 1324, 1325, 1332, 1342, 1350, 1414, 1442,

> 2412, 2413, 2414

> Grade of "C" or better required

_____ 3 credits needed

=====

I) 11: FOS CURRICULUM - CRIMINAL JUSTICE (15 Credits)

> Select EACH of the following:

>

CRIJ-1301 Intro Crim Jus.....	2005FA	C	3	MVC
CRIJ-1306 Court Systems and Practic	_____		1	course needed
CRIJ-1310 Fundamentals of Criminal	_____		1	course needed
CRIJ-2313 Correct Systems and Pract	_____		1	course needed
CRIJ-2328 Police Systems and Practi	_____		1	course needed

=====

Paying for college

- You pay (parents,...)
- Financial Aid – money given to you from the state or government (show need)
- Scholarship – money given to you from an organization (school, business,...)
- Student loan – money you borrow from the bank
- Work / study – make money with an on campus job

What's needed to complete the FAFSA

- Personal info & documents

Tips to keep in mind

What can happen to prevent financial aid



Residence Status: 1 In District

FA SAP Status:

2021FA - WARN



2021SU - OK

Restrictions:

NTIX - Training Not Met

MMV - Met Meningitis Vaccine Req

Understanding the documents

Credit:

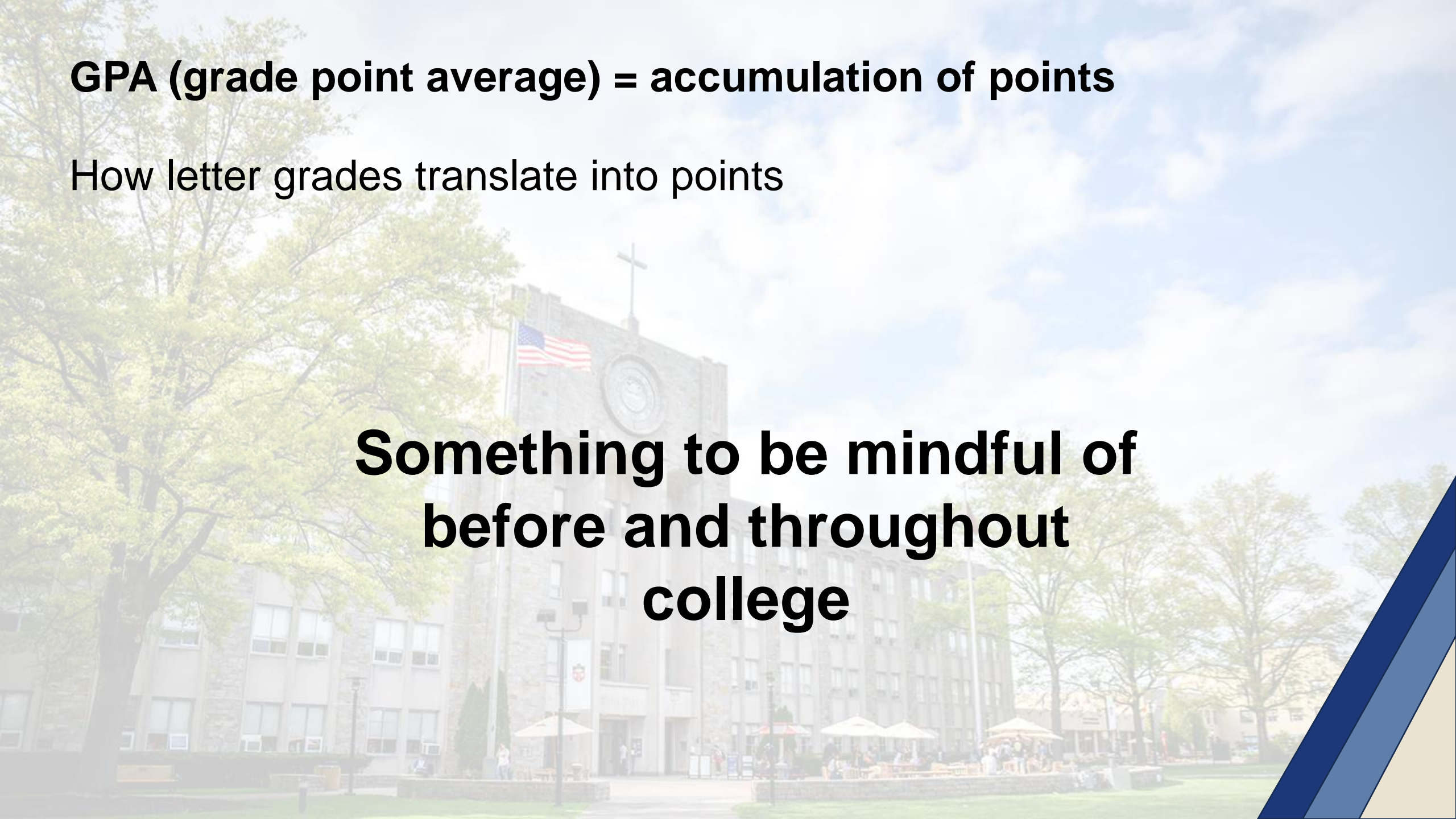
Term	Core	Loc	Course	Title	Credit	Grade
Su 2021	050	EFC	ARTS-1301	Art Appreciation	3.00	B
Su 2021		EFC	GOVT-2305	Federal Government	3.00	W
Su 2021		EFC	HIST-1301	United States History I	3.00	W



GPA (grade point average) = accumulation of points

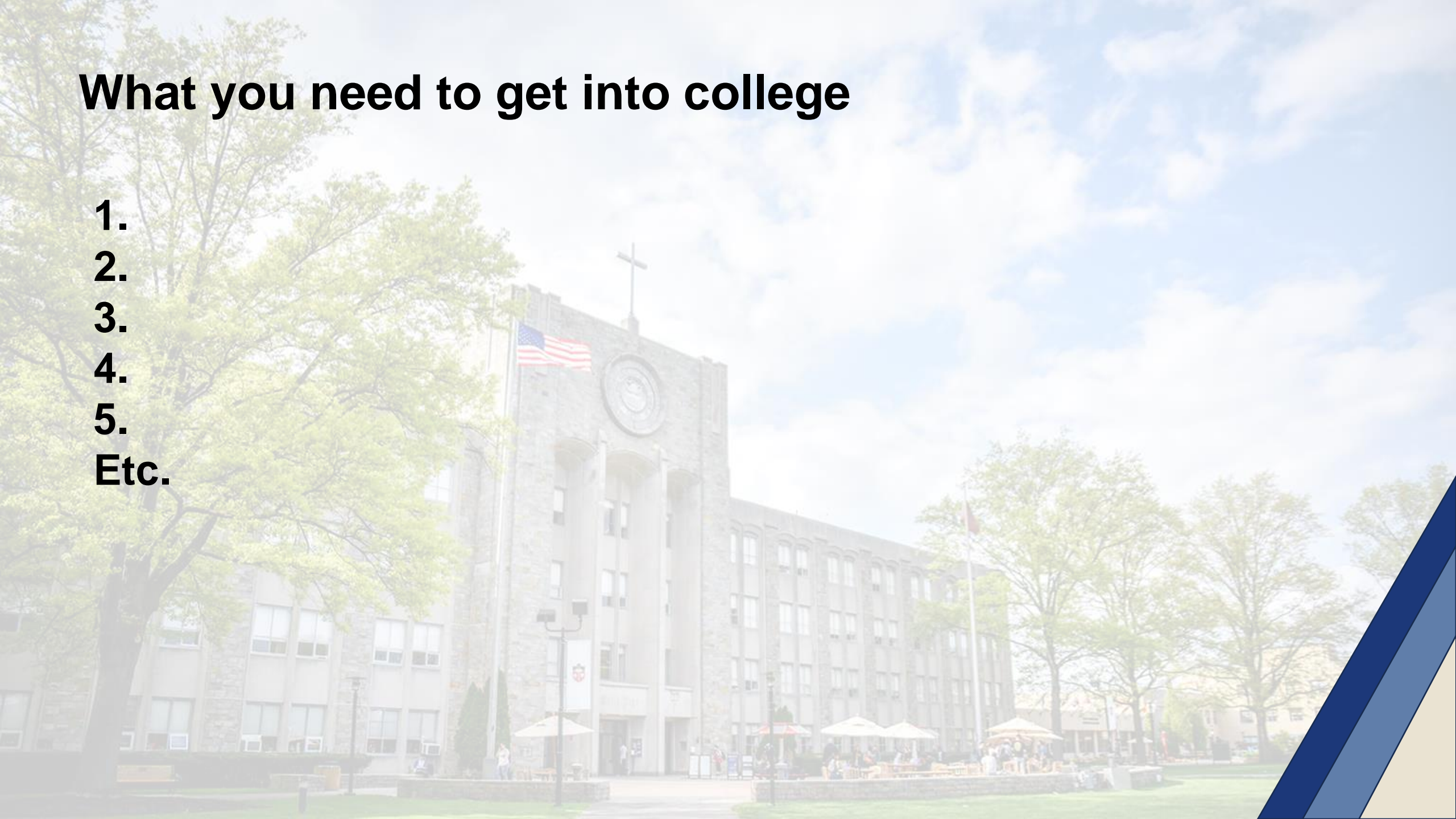
How letter grades translate into points

**Something to be mindful of
before and throughout
college**

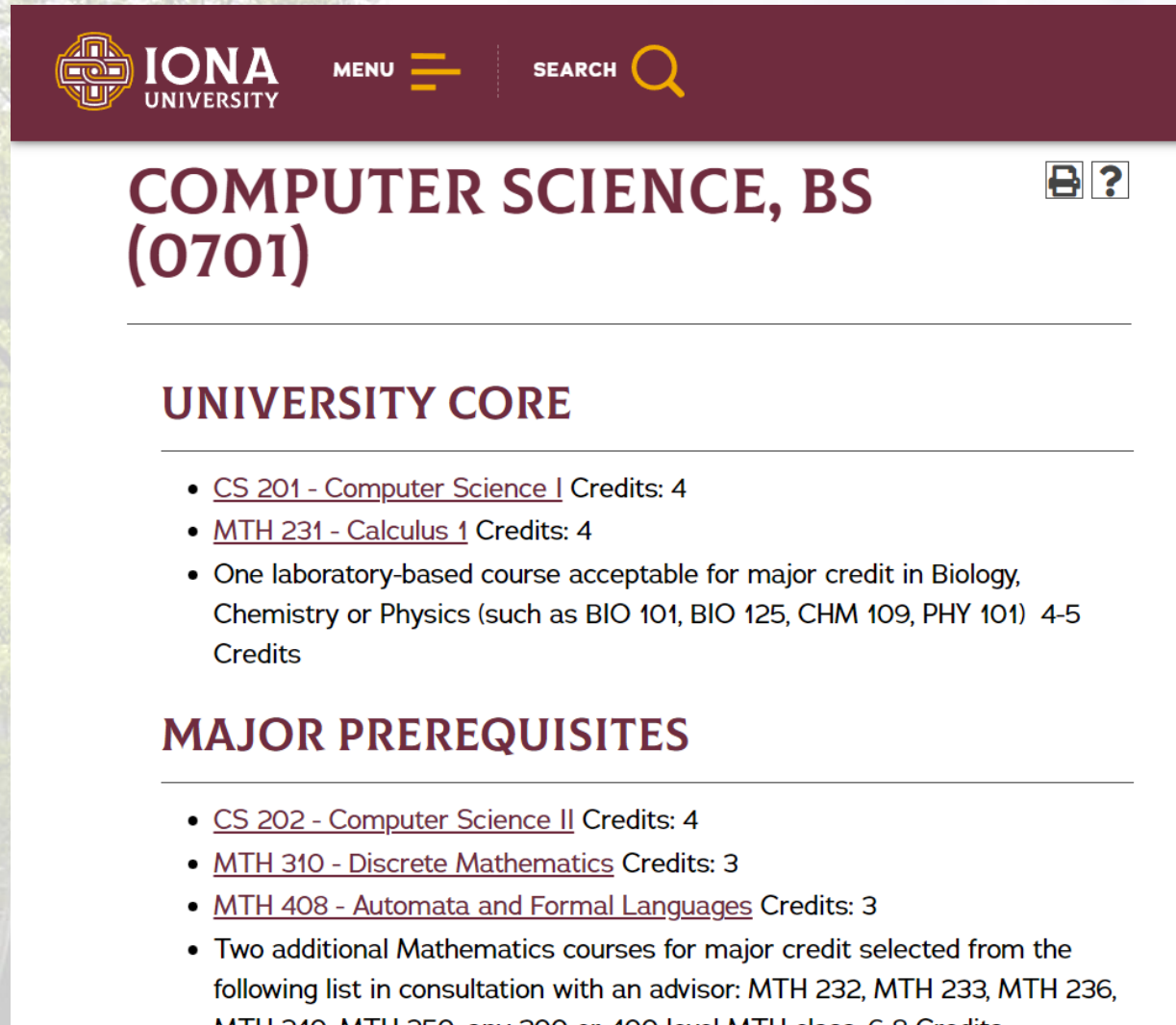


What you need to get into college

- 1.
 - 2.
 - 3.
 - 4.
 - 5.
- Etc.



A look at some Programs of Study (and how to understand them)



The screenshot shows the top navigation bar of the Iona University website with the logo, 'IONA UNIVERSITY', 'MENU', and 'SEARCH' icons. Below the header, the program title 'COMPUTER SCIENCE, BS (0701)' is displayed in large, bold, maroon text. Underneath, there are three sections: 'UNIVERSITY CORE', 'MAJOR PREREQUISITES', and 'MAJOR REQUIREMENTS'. Each section contains a bulleted list of course requirements with their respective credit values.

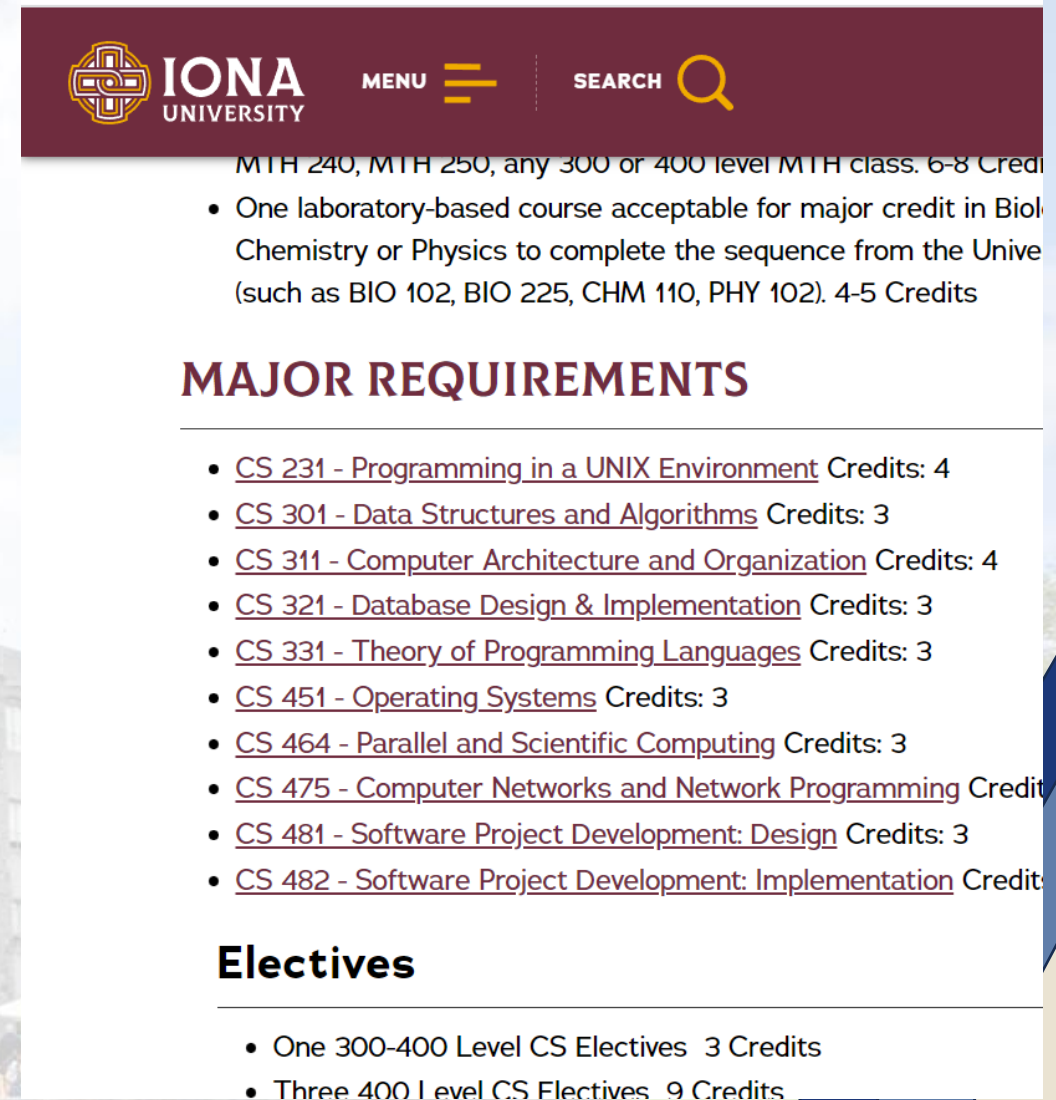
COMPUTER SCIENCE, BS (0701)

UNIVERSITY CORE

- [CS 201 - Computer Science I](#) Credits: 4
- [MTH 231 - Calculus 1](#) Credits: 4
- One laboratory-based course acceptable for major credit in Biology, Chemistry or Physics (such as BIO 101, BIO 125, CHM 109, PHY 101) 4-5 Credits

MAJOR PREREQUISITES

- [CS 202 - Computer Science II](#) Credits: 4
- [MTH 310 - Discrete Mathematics](#) Credits: 3
- [MTH 408 - Automata and Formal Languages](#) Credits: 3
- Two additional Mathematics courses for major credit selected from the following list in consultation with an advisor: MTH 232, MTH 233, MTH 236, MTH 240, MTH 250, any 300 or 400 level MTH class. 6-8 Credits



This section continues the program page from the previous screenshot, showing the 'MAJOR REQUIREMENTS' and 'Electives' sections. The 'MAJOR REQUIREMENTS' section lists ten specific courses with their credit values. The 'Electives' section lists two options for completing the major requirements.

MTH 240, MTH 250, any 300 or 400 level MTH class. 6-8 Credits

- One laboratory-based course acceptable for major credit in Biology, Chemistry or Physics to complete the sequence from the University (such as BIO 102, BIO 225, CHM 110, PHY 102). 4-5 Credits

MAJOR REQUIREMENTS

- [CS 231 - Programming in a UNIX Environment](#) Credits: 4
- [CS 301 - Data Structures and Algorithms](#) Credits: 3
- [CS 311 - Computer Architecture and Organization](#) Credits: 4
- [CS 321 - Database Design & Implementation](#) Credits: 3
- [CS 331 - Theory of Programming Languages](#) Credits: 3
- [CS 451 - Operating Systems](#) Credits: 3
- [CS 464 - Parallel and Scientific Computing](#) Credits: 3
- [CS 475 - Computer Networks and Network Programming](#) Credits: 3
- [CS 481 - Software Project Development: Design](#) Credits: 3
- [CS 482 - Software Project Development: Implementation](#) Credits: 3

Electives

- One 300-400 Level CS Electives 3 Credits
- Three 400 Level CS Electives 9 Credits

See the [Core Curriculum Requirements](#)

42

Business Core

See the [Business Core Requirements](#)

48

MGT 308 Entrepreneurship 3

ACCT 311 Global Financial Statement Analysis 3

MGT 380 International Management and Business 3

MGT 315 Organizational Behavior 3

Interdisciplinary Studies Minor Required *

9 sh of 300/400 level courses 9

9 sh of any level courses 9

Total Hours 120



How the numbers add up ??

Core Curriculum

A distinguishing characteristic of liberal arts education is a required core curriculum. The Bachelor of Arts programs require the following core courses:

- The Examined Life
- Woods College Formative Seminar
- 2 English courses:
 - College Writing
 - Literary Works or other core literature course
- 2 Philosophy courses (one of which should be an Ethics course)
- 2 Theology courses
- 2 Social Science courses
- 2 History courses (1 must be non-Western)
- 1 Quantitative Reasoning course
- 1 Natural Science course
- 1 Arts course
- 1 Cultural Diversity Course
- The Purposeful Life

Major Requirements

Requirements for Major
Principles of Criminal Justice
Criminology
Criminal Law and Procedure
American Institutions
Corrections: Policies and Practice
Introduction to Psychology
Introduction Social Justice
Introduction to Sociology

Additional electives: Select 4 courses (2 courses from Social and Systemic Courses).

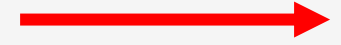


BOSTON COLLEGE
Woods College of Advancing Studies

Foundational Component Areas (36 SCH)

(010) Communications (6 SCH)

??



6

Students must complete two semesters of English composition. Communication courses focus on developing ideas and expressing them clearly, considering the effect of the message, fostering understanding, and building the skills needed to communicate persuasively. Courses in communication promote the Texas state Core Objectives of critical thinking, communication, teamwork, and personal responsibility.

ENG 1301

College Reading & Writing

ENG 1302

Written Argument/Research

CORE CURRICULUM REQUIREMENTS

(020) Mathematics (3 SCH)

3

Students must complete a minimum of one college level mathematics course. Mathematics courses focus on quantitative literacy in logic, patterns, and relationships. Courses in mathematics promote the Texas state Core Objectives of critical thinking, communication, and empirical and quantitative skills. Mathematics courses should be selected based upon completion of the appropriate prerequisites. Math courses also are often very major-specific—in other words, one size does not fit all. All students should refer to the catalog and seek the advice of a professional advisor about the appropriate math selections for their major.

MATH 1314

College Algebra

MATH 1324

Math for Business Applications I

MATH 1325

Mathematics for Business Applications II

MATH 1332

Contemporary Mathematics

MATH 1342

Elementary Statistical Methods

MATH 2312

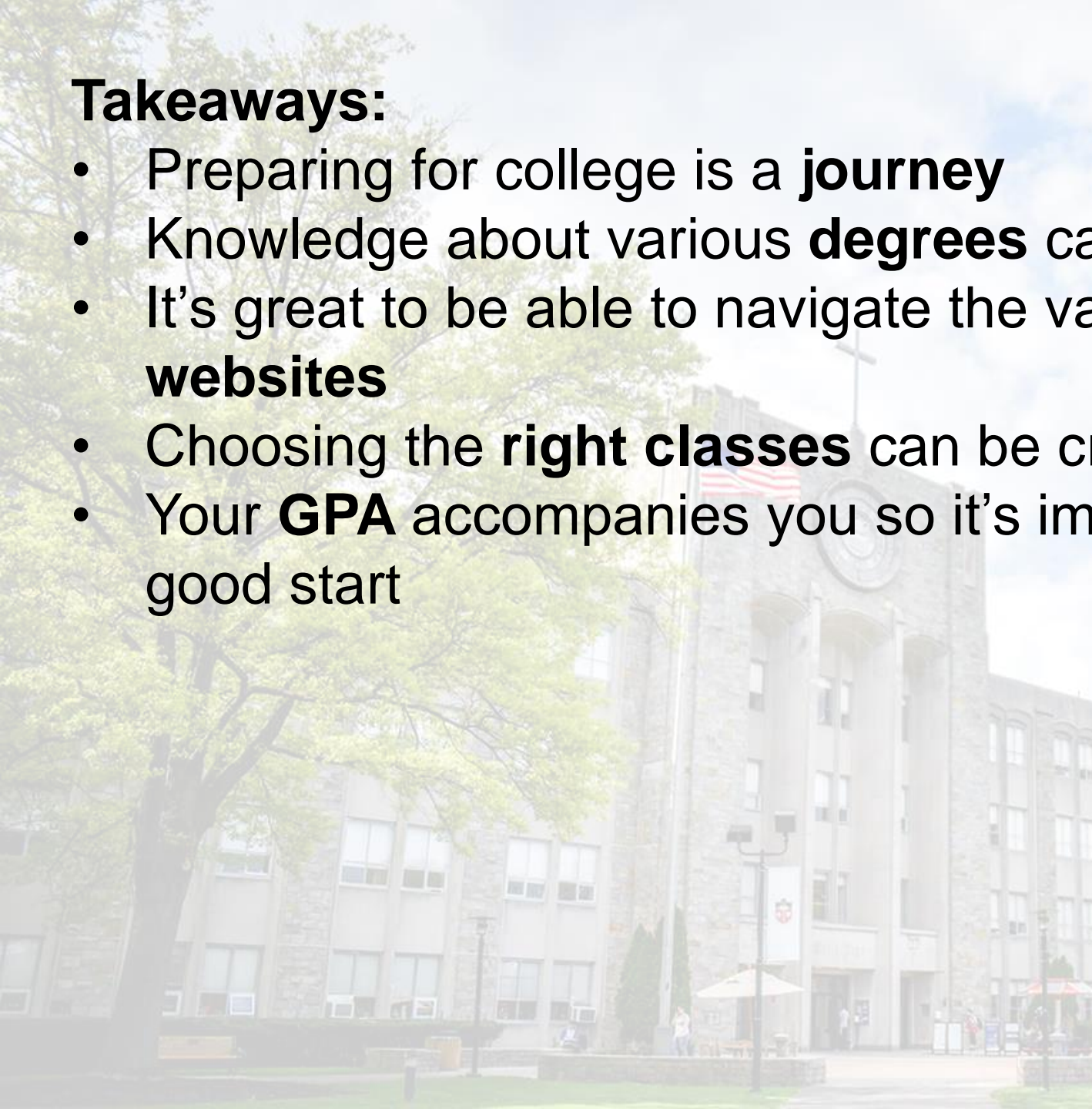
Pre-Calculus

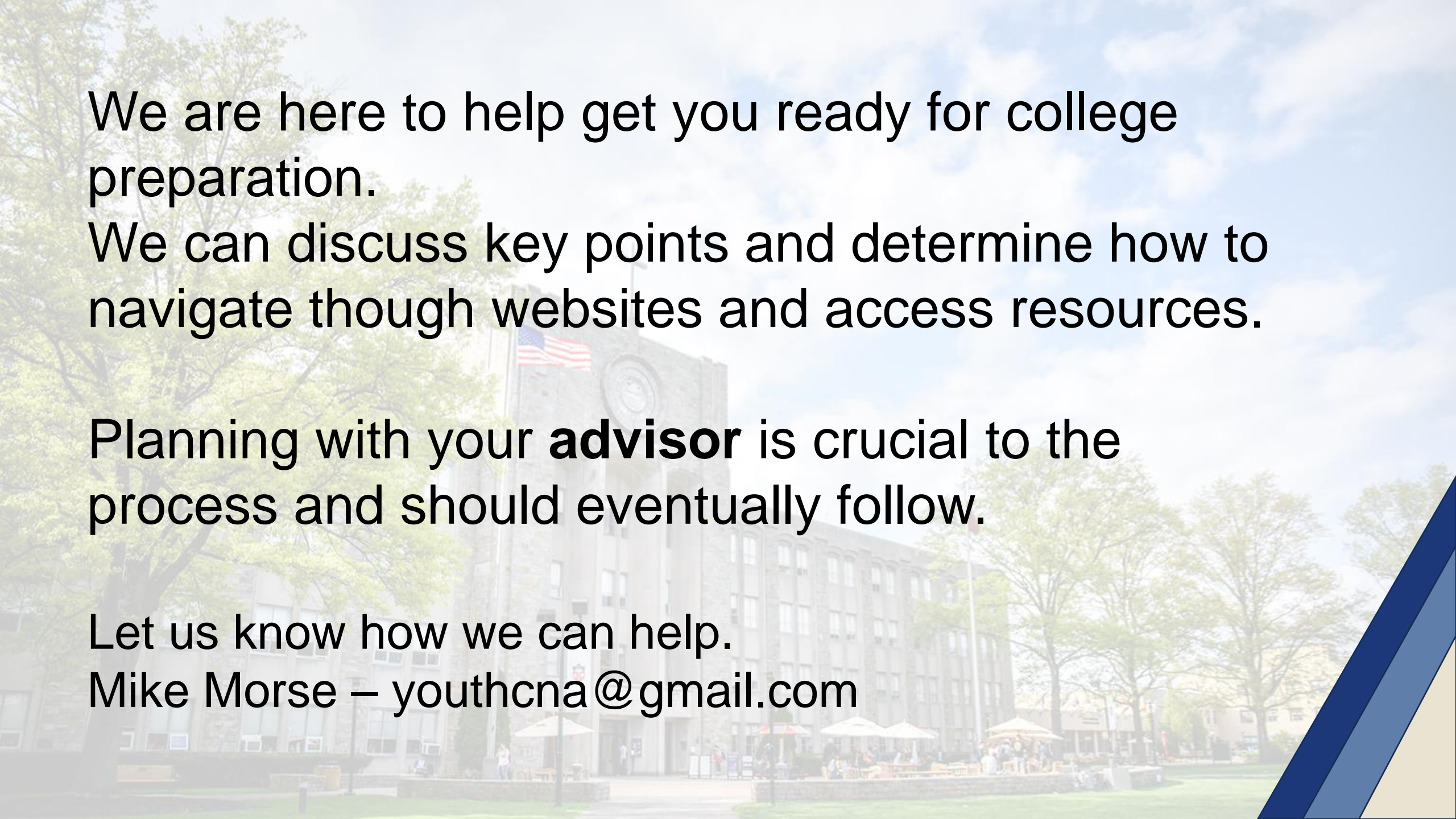
MATH 2413

Calculus I

Takeaways:

- Preparing for college is a **journey**
- Knowledge about various **degrees** can be helpful
- It's great to be able to navigate the variety of **college websites**
- Choosing the **right classes** can be crucial
- Your **GPA** accompanies you so it's important to get a good start





We are here to help get you ready for college preparation.

We can discuss key points and determine how to navigate through websites and access resources.

Planning with your **advisor** is crucial to the process and should eventually follow.

Let us know how we can help.

Mike Morse – youthcna@gmail.com