CONNECTING W/ YOUR ACADEMIC COLLEGE

COLLEGE OF ENGINEERING AND COMPUTING

George Mason University®

AGENDA

What are we going to do in this session?

THINGS TO KNOW

Important info for CEC students

POLICIES

Important policy information

PREP FOR VIRTUAL ADVISING & REGISTRATION

CEC MAJORS

The College of Engineering and Computing consists of two schools:
Volgenau School of Engineering
&
Long Nguyen & Kimmy Duong
School of Computing

13 MAJORS

Bioengineering
Civil and Infrastructure Engineering
Computer Engineering
Computer Science & Applied Computer Science
Cyber Security Engineering
Electrical Engineering
Information Technology
Mechanical Engineering
Statistics
Systems and Industrial Engineering
Undecided Engineering & Computing
Undeclared Engineering & Computing

CEC MINORS

14 MINORS

Aviation Flight Training and Management
Bioengineering
Computer Science
Data Analysis
Digital Media and Web Design
Electrical and Computer Engineering
Environmental Engineering
Information Technology
Mechanical Engineering
Software Engineering
Statistics
STEM in Society
Sustainable Systems Engineering
Systems Engineering

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School of Computing

CONCENTRATIONS

A more focused area of study within a major.

MINORS

Secondary area of specialization in addition to a major.

SECOND MAJOR OR DEGREE

Studying two majors at same time.

ACCELERATED MASTERS

Earn a B.S. & M.S. degree in less time than traditional 6 years.

WHAT ELSE IS OUT THERE

WELCOME WEEK
August 25-29

BLAST OFF WEEK
September 15-19

INNOVATION WEEK
February 18-21

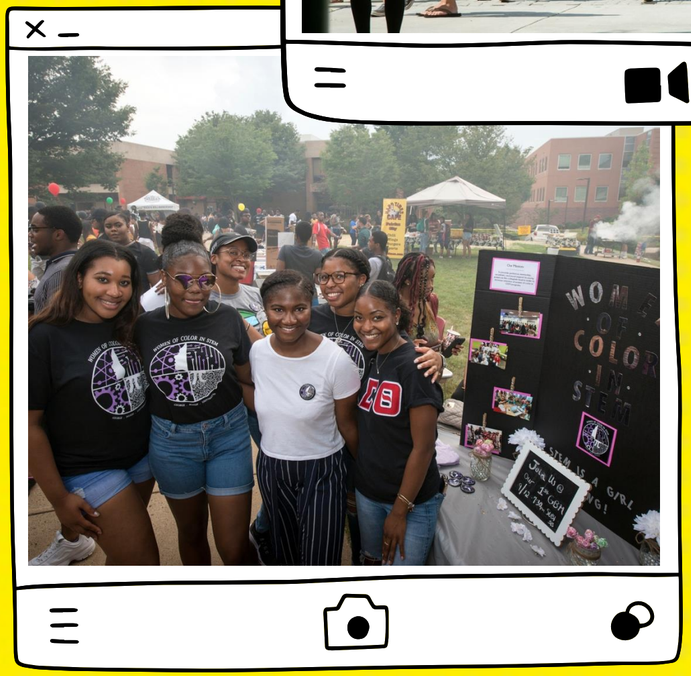
MAKE CONNECTIONS

Participate in upcoming events to engage with CEC Advisors, Faculty, and other students

American Society of Civil Engineers

STUDENT ORGANIZATIONS

Socialize
Network
Leadership
Engagement



Society of Women Engineers

Computer Science Club

What are two ways to stay connected?

ACADEMIC ADVISING

Important to connect with an advisor every semester for a timely graduation!

- SEMESTER-BY-SEMESTER COURSE PLANNING
- DISCUSS ACADEMIC GOALS
- POLICY QUESTIONS
- RESOURCE SHARING

ADVISING IN CEC

- Advisor names & emails
- Major Advising websites
- How to make appointments
- Semester-by-semester course plans

Go to CEC Advising website to get advisor contact information

SCAN ME

RESOURCES

There are many to help students succeed. Talk to an Advisor about using them.

CEC PEER MENTORING-TUTORING

FREE tutoring for CEC, Math, Science classes

LEARNING SERVICES

Workshops, Online Resources, 1:1 Coaching Meetings

CAREER SERVICES

Resumes, Interviews, Career Fair; Security Clearance

DISABILITY SERVICES

Accommodations for classes

JOIN STUDY GROUPS

ATTEND EVERY CLASS

USE RESOURCES

GET TO KNOW PROFESSORS AND CLASSMATES

SUCCESS

If need help contact
CEC Office of Undergraduate Studies
cecugrad@gmu.edu
703-993-1511
Room 2500, Nguyen Engineering Bldg

What are two resources to use to be successful?

CATALOG.GMU.EDU

All the rules and regulations a.k.a. POLICIES are housed in the catalog each academic year.

Knowing how to search the catlog is important

COURSE DESCRIPTIONS

Explains what a course is about

PRE-REQS & CO-REQS

Explains what courses must come before or at the same time

DEGREE REQUIREMENTS

All courses required to graduate with a degree

POLICIES

Students are responsible for knowing and following all published policies.

catalog.gmu.edu

UNIVERSITY POLICIES

Apply to all students at the university

CEC POLICIES

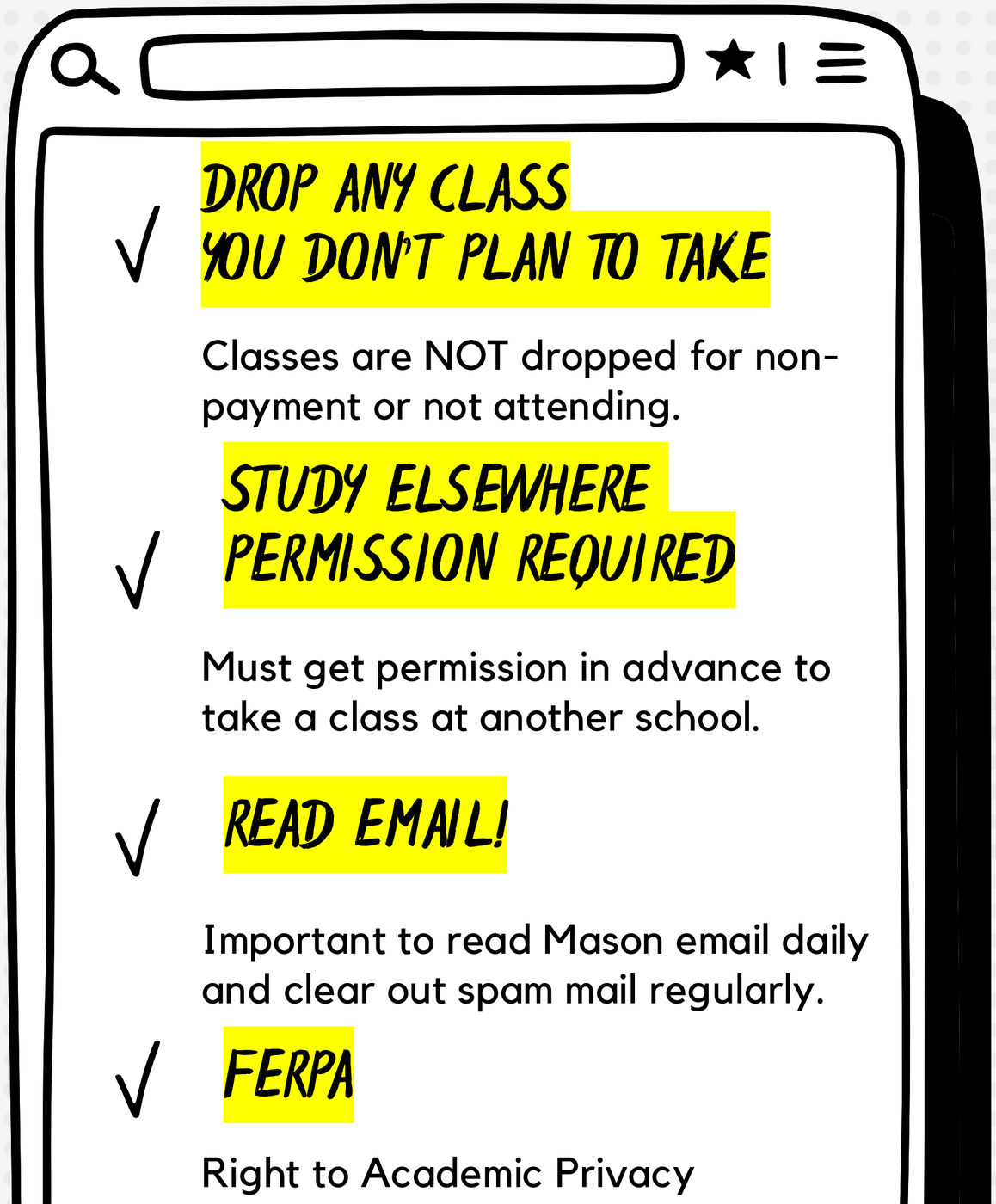
Apply to all students in the College of Engineering and Computing

MAJOR POLICIES

Apply to students in a specific major

IMPORTANT POLICIES

Always ask an advisor to be sure you are within the policies.



Important for being hired for internships and full-time jobs!

MASON CORE

General Education Courses all students must take to graduate*.

VCCS Transfer Students with Associates Degree get all Foundation & Exploration Mason Core waived except ENGH 302

Already Chosen For you

- Written Communication: ENGH 101
- Written Communication: ENGH 302
- Oral Communication: COMM 101
- Global History: HIST 125 (Fr) HIST 394 (Tr)

You pick a course from many options

- Arts
- Global Contexts
- Literature

*Honors College students do not complete Mason Core. Honors College has different general education courses.

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Determined by CEC major

- Quantitative Reasoning
- Information Technology & Computing
- Natural Science
- Social & Behavioral Science

Built into your major

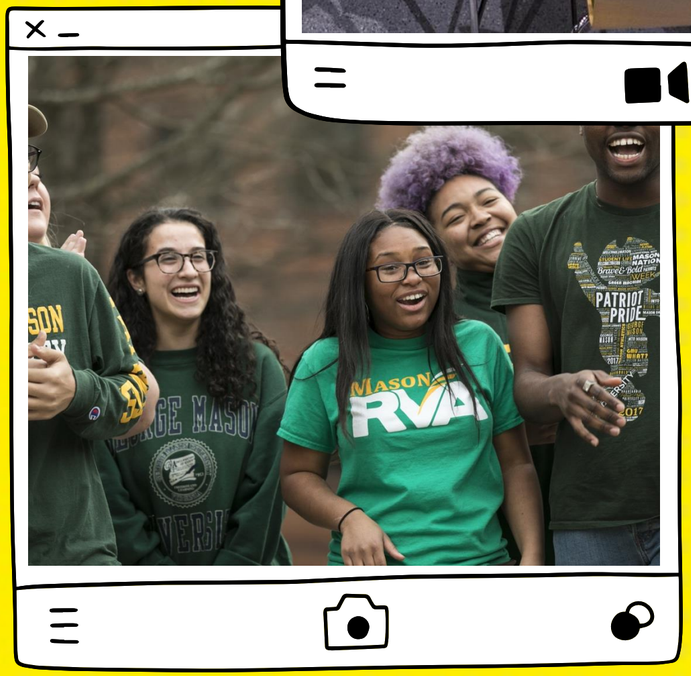
- Writing Intensive
- Mason Apex

*Honors College students do not complete Mason Core. Honors College has different general education courses.

What are two Mason Core categories?

COMING TO MASON WITH CREDITS?

- AP (Advanced Placement)
- IB (International Baccalaureate)
- DE (Dual Enrollment)
- Transfer Credits



Send scores/transcripts to Admissions and inform Advisor of expected credits.

PRE-REQS & CO-REQS

patriotweb.gmu.edu

The Registration System is coded to read for pre-reqs and co-reqs

Pre-req

Courses taken before another course

Co-req

Course taken with another course at the same time

MATH PLACEMENT TEST

Required for all CEC students that don't have college credit for Pre-calc or Calc I already earned!

REGISTRATION FOR MATH CLASSES REQUIRES A SPECIFIC MATH PLACEMENT SCORE OR MATH PRE-REQ

REGISTRATION FOR CS CLASSES REQUIRES A SPECIFIC MATH PLACEMENT SCORE OR MATH PRE-REQ

Freshmen: Taking a required Math class in your first semester is crucial for timely graduation.

PREPARING FOR
VIRTUAL ADVISING &
REGISTRATION

VIRTUAL ADVISING & REGISTRATION

LOOK AT REQUIRED CLASSES FOR YOUR MAJOR OF INTEREST BEFORE YOUR VAR DATE

ON-TIME

Don't be late. Be on Zoom at the start time.

GROUP ADVISING

Advising will be by major in groups on Zoom.

GROUP REGISTRATION

Registration help will be provided on Zoom.

NO MAJOR CHANGES

No major changes processed at VAR.

FEEDBACK

Please scan this QR Code to provide feedback about your experience in this session.

THANK YOU

Office of Undergraduate Studies

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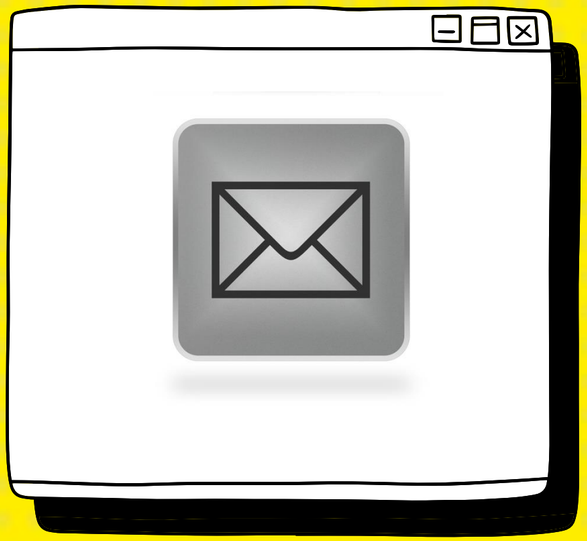
George Mason University

703-993-1511



cecugrad@gmu.edu

Nguyen Engineering Bldg.
Room 2500
Fairfax

STAY IN THIS ROOM

Your next presentation will begin shortly!