

RIT

Rochester Institute
of Technology of Dubai



Discovering
YOUR MAJOR
CYBERSECURITY

Our Programs

BUSINESS

Finance
Global Business
Management
Marketing

COMPUTING

CIT
Cybersecurity

ENGINEERING

Electrical
Industrial
Mechanical

LIBERAL ARTS

Psychology
New Media Design

The Department



Dr. Muhieddin Amer
Dean College of Engineering and
Computing



Dr. Jinane Mounsef

Chair of Electrical Engineering and
Computing Sciences Department,



Dr. Omar Abdul Latif

Coordinator of Computing Sciences programs

www.rit.edu/dubai

EVENTS LIBRARY HANDBOOKS AND PUBLICATIONS

INQUIRE VISIT APPLY

About ▾

Academics and Learning ▲

Admissions and Aid ▾

Student Life ▾

Co-op

Alumni



Undergraduate Degrees

Graduate Degrees

Immersions and Minors

General Education

Advising Resources

Program Requirements

Academic Support Center

Schedules

Forms



Transfer and Study Abroad



Academic Calendar



T Dubai / Admissions and Aid / Undergraduate Degrees

Choose "Undergraduate Degrees," and you will find each major listed

On each major's page, click on "Curriculum", then scroll down to find flowcharts and other resources:

RIT / RIT Dubai / Academics and Learning / Undergraduate Degrees / Bachelor of Science in Mechanical Engineering

Overview
Mission Statement
Educational Objectives
Learning Outcomes
Curriculum
Faculty
Advisory Board
Program Laboratories
News

Request Info Visit
Apply

Program Contact
Wael Abdel

Accredited by the UAE Ministry of Education

Mechanical engineers put energy and machines to work—from rockets, robots, and airplanes to automobiles, satellites, and renewable energy systems. In RIT's mechanical engineering BS degree you'll study math, science, physics, engineering science, and engineering systems.

Overview

<https://www.rit.edu/dubai/bachelor-science-mechanical-engineering#curriculum>

Curriculum

- Introduction to Air Conditioning for Hot and Humid Climates
- Renewable Energy Systems
- Introduction to Composite Materials

Options

As a Mechanical Engineering student at RIT Dubai, you have the flexibility to customize your education to suit your career goals. You can choose from one of three options: Energy and Environment, Aerospace Engineering, or Automotive Engineering, or opt to combine with the General Mechanical Engineering option and select technical electives that align with your interests. Additionally, you have the opportunity to complement your education by selecting a minor in a related field, further enhancing your skill set and marketability (see a full list of offered **minors**).

For those interested in exploring even more options, RIT Dubai also offers the opportunity to study abroad or transfer to the RIT New York, where you can specialize in bio-engineering, subject to achieving additional requirements. With the ability to tailor your education to your goals and interests, RIT Dubai provides a dynamic and personalized experience for its mechanical engineering students.

Resources

For information about the RIT New York, Mechanical Engineering program and options [click here >](#)

- [Click here](#) to view/download the flowchart of the BS Mechanical Engineering program (2020-)
- [Click here](#) to view/download the flowchart of the BS Mechanical Engineering program (2018 -)
- [Click here](#) to view/download the flowchart of the BS Mechanical Engineering program (2012 - 2017)
- [Click here](#) to view/download the program-specific handbook
- [Click here](#) for Major Electives and Option Requirements

To graduate, students need to complete all the requirements as listed in the curriculum [graduation policy >](#)

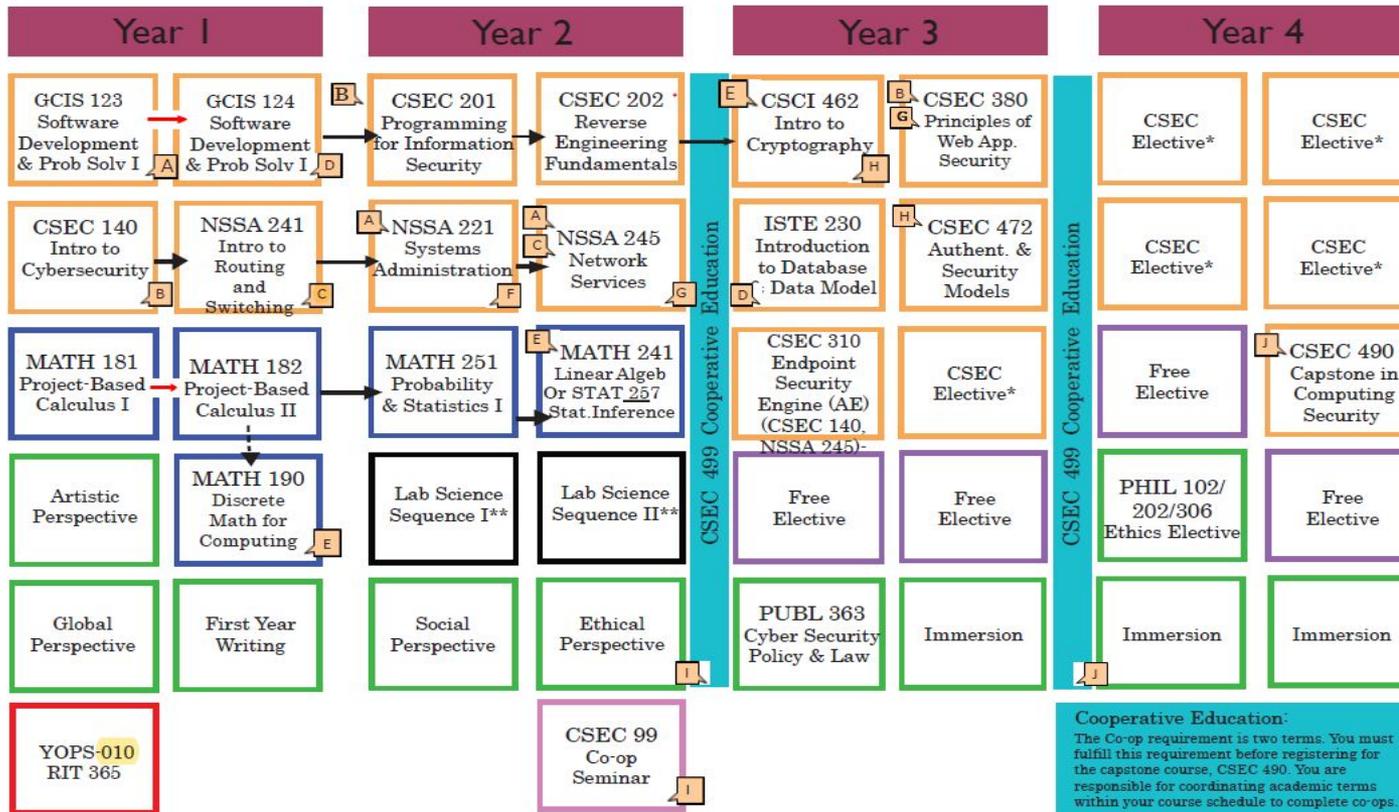
Request Info Visit
Apply

Program Contact

Dr. Wael Abdel Samad, Department Head

Offered within the
Department of Mechanical and Industrial Engineering

Department of Computing and Electrical Engineering Undergraduate Curriculum - Cybersecurity



***Computing Security Advanced Electives**

There are five advanced electives that students must complete; students are required to take at least 4 advanced electives (12 credits) with the CSEC course header, and no more than 1 course (3 credits) from SWEN or CSCI to meet advanced elective requirements.

****Lab Science Sequence:**
Students must choose one of the following lab science sequences and complete the two courses within it.
PHYS 211 & PHYS 212
BIOL 101+103L & BIOL 102+104L
CHMG 141+145L & CHMG 142+145L

Free Elective:
Students are given four 3 credit free electives to complete in their degrees. These required courses are able to be filled with any credit bearing course. The free elective courses can be filled with courses for a minor, or classes of interest.

RIT 365:
This class serves as an interdisciplinary catalyst for first-year students to access campus resources, services, and opportunities. It is also designed to challenge and encourage relationship building and campus community.

Co-op Seminar:
This course helps students prepare for co-op employment by developing job search strategies. Students will explore current & emerging aspects of the Computing Security field with employers, alumni and current students who have already been on co-op.

Key:

- Computing (Orange)
- Math (Blue)
- General Education (Green)
- First Year Requirement (Red)
- Science (Light Blue)
- Free Elective (Light Purple)
- Co-op (Light Green)
- Course label (Orange box)
- Course Pre-req (Orange arrow)
- C- or better (Red arrow)
- Prerequisite (Black arrow)
- Corequisite (Dashed arrow)

***CSEC 461 Computer System Security**
***CSEC 462 Computer System Security**
***CSEC 463 Sensor Network Security**
***CSEC 464 Computer System Forensics**
***CSEC 465 Network and System Security Audit**
***CSEC 467 Mobile Device Security and Forensics**
***CSEC 468 Risk Management for Info Security**
***CSEC 476 Malware Reverse Engineering**
***CSEC 477 Disaster Recovery Planning & Business Continuity**

Perspectives:
Choose a course for the Artistic, Ethical, Global, and Social perspectives. The other three perspectives are specified by the required courses in the CSEC program.

Immersion:
Select an Immersion approved in the General Education Framework. An Immersion consists of three pre-defined upper level courses focusing in one topic area. See the College of Liberal Arts website for a listing.

Get To Know Your Advisor:
You should meet with your advisor regularly to plan your courses, get help with scheduling problems, or to just check in on your academic progress.
This is the recommended course sequence. Individual course schedules may vary. You are responsible for verifying course offerings and pre-requisites. For additional information refer to the department website: <http://www.rit.edu/gccis/computingsecurity/>

How to Read Your Flowchart

Prerequisite = A requirement that must be met/completed first **before** you can take a course

- Types of Prerequisites

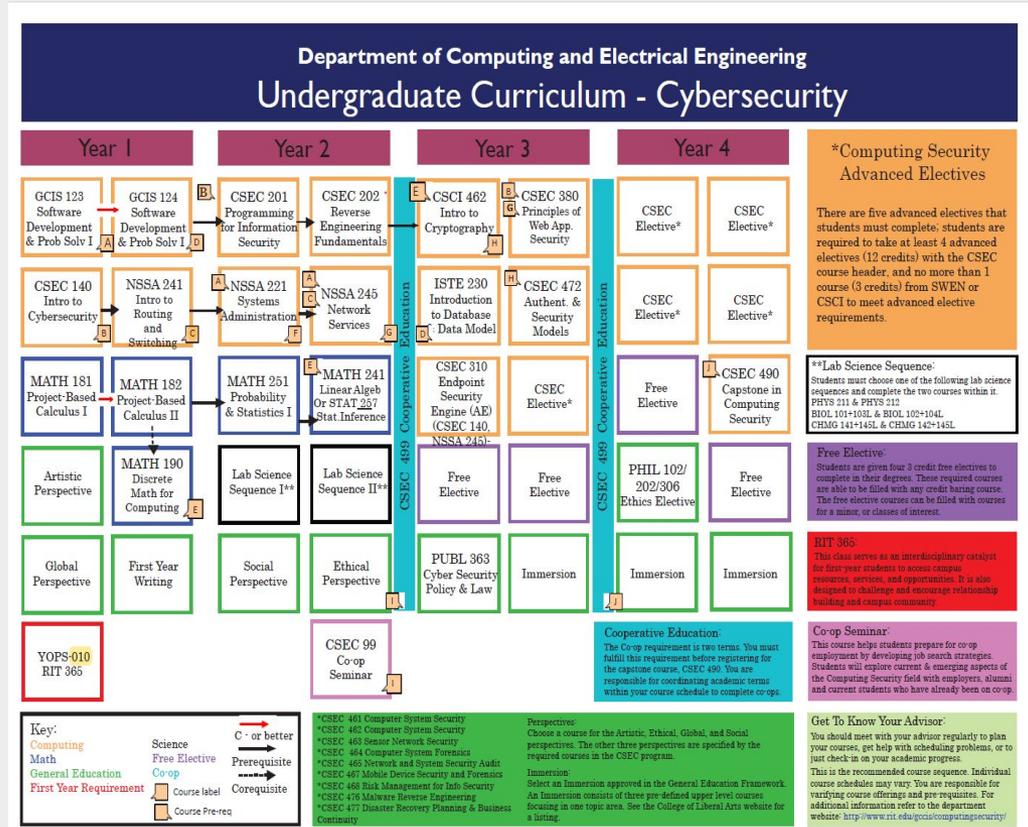
- **Course** (eg. The *prerequisite* for Beginning French II is Beginning French I (you just need to pass with a D))
- **Year-Level** (eg. The *prerequisite* for Organizational Behavior is 2nd Year Standing)
- **A Grade in a course** (eg. The *prerequisite* for Calculus II is a C- in Calculus I)

Corequisite = A course that must either be taken **at the same time as** or completed before another course

choose from

- Eg.: The *corequisite* for Physics I is Calculus II

- Corequisites only work in one direction, so you could take Calculus II by itself



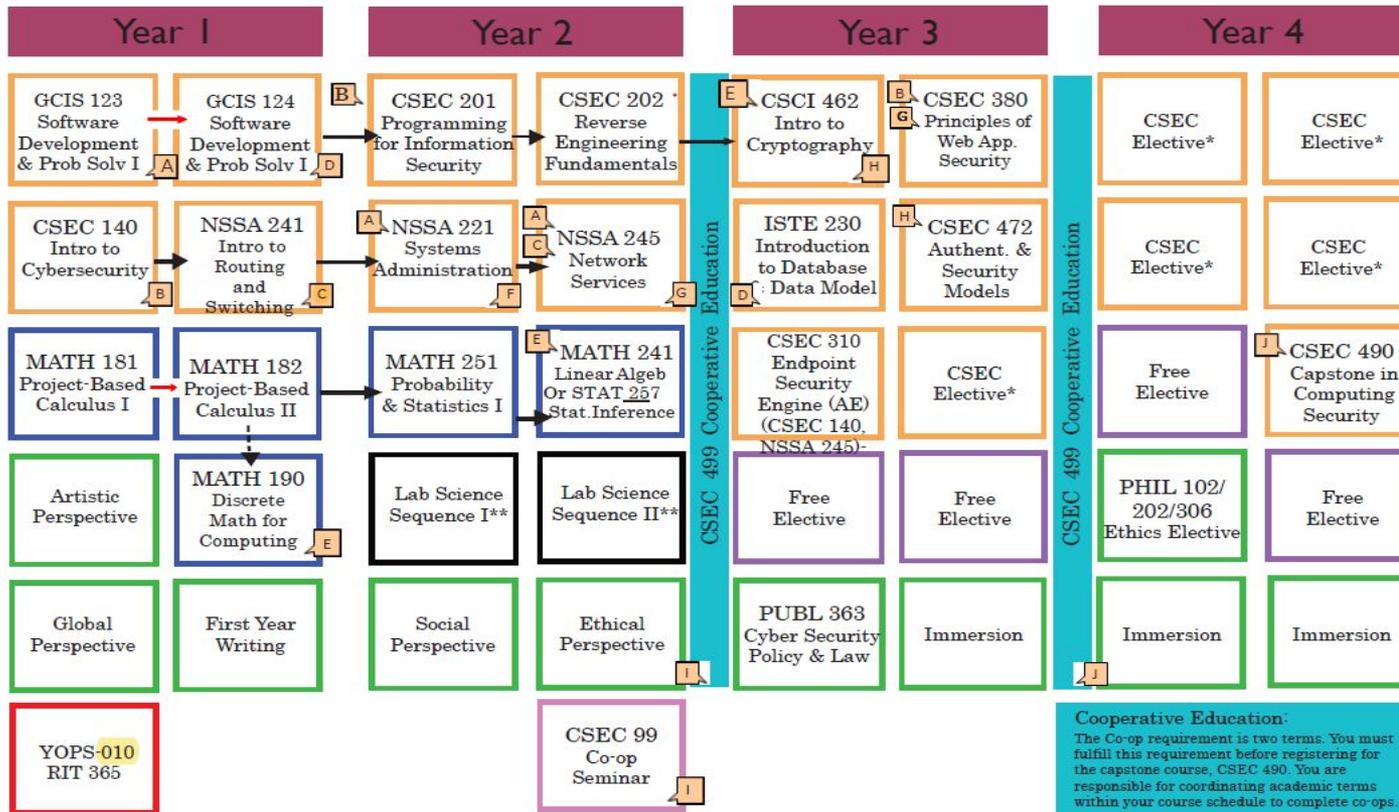
How to Read Your Flowchart

Requirements for a course are designated in 2 ways:

Requirement Type	Pre-req Course  Course To Take	Pre-req Label   Pre-req required
Prerequisite		
Corequisite		
Prerequisite and must pass with a C-*		

*The full list of courses that require C- or C is on the Academic Services website!

Department of Computing and Electrical Engineering Undergraduate Curriculum - Cybersecurity



***Computing Security Advanced Electives**

There are five advanced electives that students must complete; students are required to take at least 4 advanced electives (12 credits) with the CSEC course header, and no more than 1 course (3 credits) from SWEN or CSCI to meet advanced elective requirements.

****Lab Science Sequence:**
Students must choose one of the following lab science sequences and complete the two courses within it.
PHYS 211 & PHYS 212
BIOL 101+103L & BIOL 102+104L
CHMG 141+145L & CHMG 142+145L

Free Elective:
Students are given four 3 credit free electives to complete in their degrees. These required courses are able to be filled with any credit bearing course. The free elective courses can be filled with courses for a minor, or classes of interest.

RIT 365:
This class serves as an interdisciplinary catalyst for first-year students to access campus resources, services, and opportunities. It is also designed to challenge and encourage relationship building and campus community.

Co-op Seminar:
This course helps students prepare for co-op employment by developing job search strategies. Students will explore current & emerging aspects of the Computing Security field with employers, alumni and current students who have already been on co-op.

Key:

- Computing (Orange)
- Math (Blue)
- General Education (Green)
- First Year Requirement (Red)
- Science (Light Blue)
- Free Elective (Light Green)
- Co-op (Light Purple)
- Course label (Orange box)
- Course Pre-req (Orange arrow)
- C- or better (Red arrow)
- Prerequisite (Black arrow)
- Corequisite (Dashed arrow)

***CSEC 461 Computer System Security**
***CSEC 462 Computer System Security**
***CSEC 463 Sensor Network Security**
***CSEC 464 Computer System Forensics**
***CSEC 465 Network and System Security Audit**
***CSEC 467 Mobile Device Security and Forensics**
***CSEC 468 Risk Management for Info Security**
***CSEC 476 Malware Reverse Engineering**
***CSEC 477 Disaster Recovery Planning & Business Continuity**

Perspectives:
Choose a course for the Artistic, Ethical, Global, and Social perspectives. The other three perspectives are specified by the required courses in the CSEC program.

Immersion:
Select an Immersion approved in the General Education Framework. An Immersion consists of three pre-defined upper level courses focusing in one topic area. See the College of Liberal Arts website for a listing.

Get To Know Your Advisor:
You should meet with your advisor regularly to plan your courses, get help with scheduling problems, or to just check in on your academic progress.
This is the recommended course sequence. Individual course schedules may vary. You are responsible for verifying course offerings and pre-requisites. For additional information refer to the department website: <http://www.rit.edu/gccis/computingsecurity/>

Terminology of Course Types

- ❑ **“Core Courses”** = courses required by your major

- ❑ **“Electives”** = requirements that can be fulfilled by a selection of courses that you can choose from
 - ❑ There are **different types of electives**. Depending on the type, you will have a **different set of course options**
 - (e.g. Math elective, Major elective, Science Elective, etc.)

 - ❑ It is still a requirement you need to fulfill – you must choose *something*

 - ❑ RIT Dubai has limited options of elective courses. The main campus will have more options, which you can take as a Global Scholar or if offered online.

Program Requirements

-3 main categories of classes-

General

Education (GE)

Math & Science

Liberal Arts

Foundations

Perspectives

Immersion



Major Courses

Core Courses

Major Electives



Free Electives

(Almost) anything!



General Education – MATH & SCIENCE

CSEC

- MATH 181 Calculus I
- MATH 182 Calculus II
- MATH 190 Discrete Math for Computing
- MATH 251 Probability & Statistics I
- MATH 241 Linear Algebra OR STAT 257
Statistical Inference

- **Choose 1 Lab Science Sequence (4 cr. Per course):**
 - o PHYS 211 / PHYS 212
 - o CHMG 141+145 / 142+146
 - o BIOL 101+103 / 102+104

- **Required**
- **Can choose**

Program Requirements

General Education (GE)

Math & Science

Liberal Arts

Foundations

Perspectives

Immersion



Foundation (2 courses)
Writing Seminar
Gen Ed Elective
Perspectives (4 courses)
Perspective I: Artistic
Perspective II: Ethical
Perspective III: Global
Perspective IV: Social
Immersion (3 courses)
Immersion Course 1
Immersion Course 2
Immersion Course 3

Writing Seminar (1 course)

- Required course for ALL RIT Dubai students
- Recommended to take this within first year

Gen Ed Elective (1 course)

- Can be any liberal arts, math, or science course as well as a few others.
- Islamic culture course may need to go here if it doesn't fulfil any perspective or your immersion

- **Required**
- **Can choose**

General Education – LIBERAL ARTS

Additional Requirements

1 Islamic Culture course (required if you graduate from RIT Dubai only)

Choose from:

- ANTH 275 **Global Islam:** (Global Pers/ Immersion: Religious Studies / Cultural Anth)
- ANTH 365 **Culture and Politics in ME:** (Immersion: Arabic / Religious Studies / Cultural Anth)
- ARTH 549 **Topics in Global Art and Architecture: Islamic Art & Architecture**
- HIST 402 **Special Seminar in History** - subject to the topic covered

Program Requirements

General Education (GE)

Math & Science

Liberal Arts

Foundations

Perspectives

Immersion



Foundation (2 courses)
Writing Seminar
Gen Ed Elective
Perspectives (4 courses)
Perspective I: Artistic
Perspective II: Ethical
Perspective III: Global
Perspective IV: Social
Immersion (3 courses)
Immersion Course 1
Immersion Course 2
Immersion Course 3

- Perspectives = A set of 4 required courses that are designed to introduce students to a variety of important areas of inquiry that provide ways of knowing about the world.
 - 1 course in each Perspective category is required to graduate
 - Different courses are offered in each perspective each semester

- **Required**
- **Can choose**

Program Requirements

General Education (GE)

Math & Science

Liberal Arts

Foundations

Perspectives

Immersion



Foundation (2 courses)
Writing Seminar
Gen Ed Elective
Perspectives (4 courses)
Perspective I: Artistic
Perspective II: Ethical
Perspective III: Global
Perspective IV: Social
Immersion (3 courses)
Immersion Course 1
Immersion Course 2
Immersion Course 3

Perspectives (4 courses)

- These course categories are designed to introduce students to a variety of important areas of inquiry that provide ways of knowing about the world.
 - Global
 - Social
 - Artistic
 - Ethical
- 1 course in each category is required to graduate
- Different courses are offered in each perspective each semester
- Some courses fulfil more than one perspective, but you can only use it once

- **Required**
- **Can choose**

Program Requirements

General Education (GE)

Math & Science

Liberal Arts

Foundations

Perspectives

Immersion



Foundation (2 courses)
Writing Seminar
Gen Ed Elective
Perspectives (4 courses)
Perspective I: Artistic
Perspective II: Ethical
Perspective III: Global
Perspective IV: Social
Immersion (3 courses)
Immersion Course 1
Immersion Course 2
Immersion Course 3

- Immersion = a series of three related general education courses supporting deeper learning within a focus area

- Required
- Can choose

Program Requirements

The current [approved list of immersions](#) for RIT Dubai is:

General Education (GE)

Math & Science

Liberal Arts

Foundations

Perspectives

Immersion



Foundation (2 courses)
Writing Seminar
Gen Ed Elective
Perspectives (4 courses)
Perspective I: Artistic
Perspective II: Ethical
Perspective III: Global
Perspective IV: Social
Immersion (3 courses)
Immersion Course 1
Immersion Course 2
Immersion Course 3

- Advertising and Public Relations
- Communication
- Creative Writing
- Cultural Anthropology
- Digital Literature & Comparative Media
- Economics
- Ethics
- History
- International Relations
- Language Science
- Literature and Media
- Modern Languages – Arabic
- Modern Languages – French
- Modern Languages – Spanish
- Mathematics
- Philosophy
- Psychology
- Religious Studies
- Sociology

- **Required**
- **Can choose**

General Education – LIBERAL ARTS (Immersions)

Immersions Special Notes:

- **Psychology Immersion:** Intro Psych does *not* count in the immersion,
but is a prerequisite and counts as a Social Perspective
- **Economics Immersion:** Microeconomics does *not* count in the immersion,
but is a prerequisite and counts as a Social or Global Perspective

General Education – LIBERAL ARTS

- Some Liberal Arts courses fulfill more than one category, but **they cannot double count!** You must eventually choose which requirement it will fulfill.
- You *can* take a minor and an immersion in the same subject (e.g. Psychology). A minor will then only require 2 additional courses.

Links to Immersions and Minors

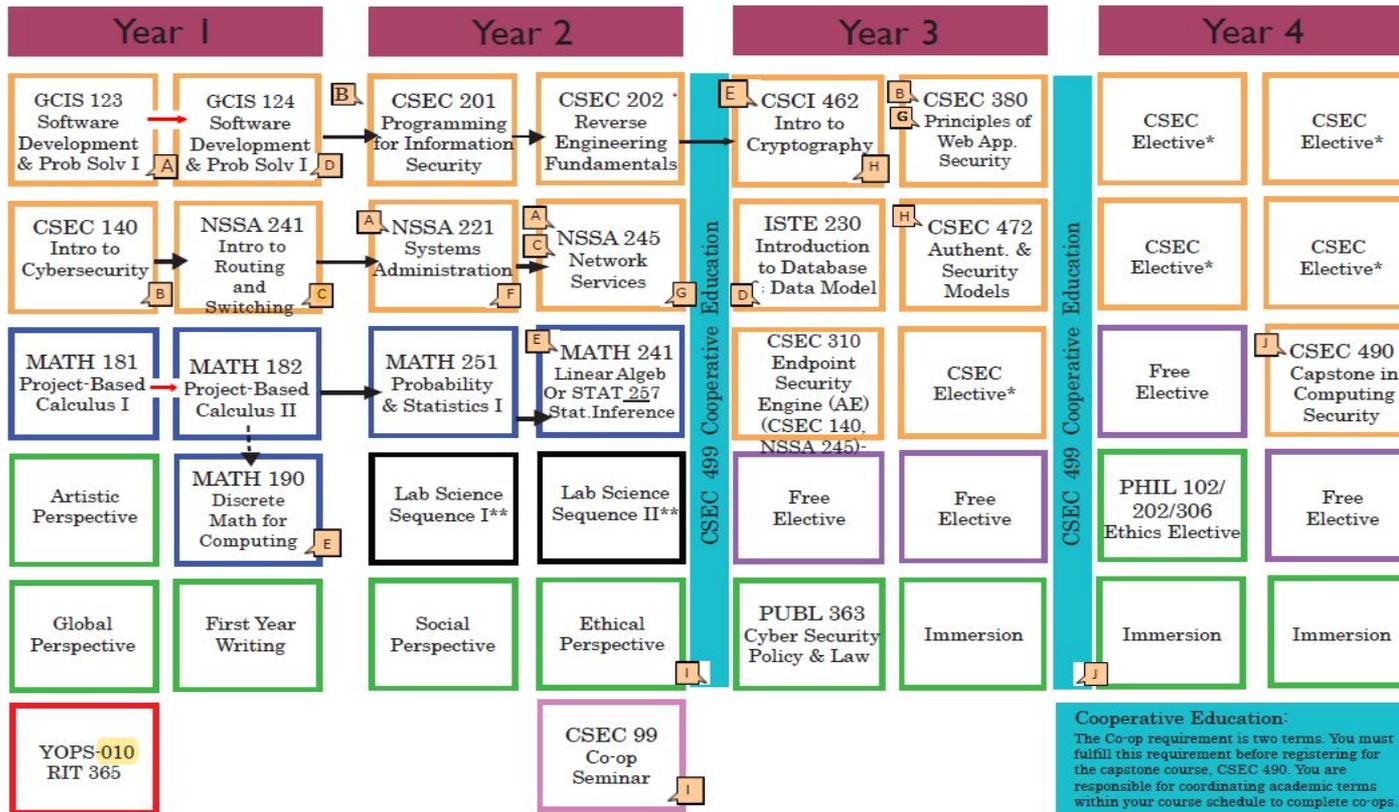
- **Immersions = Mandatory**

- <https://www.rit.edu/dubai/minors-and-immersions#immersions>

- **Minors = OPTIONAL**

- <https://www.rit.edu/dubai/minors-and-immersions#minors>

Department of Computing and Electrical Engineering Undergraduate Curriculum - Cybersecurity



***Computing Security Advanced Electives**

There are five advanced electives that students must complete; students are required to take at least 4 advanced electives (12 credits) with the CSEC course header, and no more than 1 course (3 credits) from SWEN or CSCI to meet advanced elective requirements.

****Lab Science Sequence:**
Students must choose one of the following lab science sequences and complete the two courses within it.
PHYS 211 & PHYS 212
BIOL 101+103L & BIOL 102+104L
CHMG 141+145L & CHMG 142+145L

Free Elective:
Students are given four 3 credit free electives to complete in their degrees. These required courses are able to be filled with any credit bearing course. The free elective courses can be filled with courses for a minor, or classes of interest.

RIT 365:
This class serves as an interdisciplinary catalyst for first-year students to access campus resources, services, and opportunities. It is also designed to challenge and encourage relationship building and campus community.

Co-op Seminar:
This course helps students prepare for co-op employment by developing job search strategies. Students will explore current & emerging aspects of the Computing Security field with employers, alumni and current students who have already been on co-op.

Key:

- Computing (Orange)
- Math (Blue)
- General Education (Green)
- First Year Requirement (Red)
- Science (Light Blue)
- Free Elective (Light Green)
- Co-op (Light Purple)
- Course label (Orange box)
- Course Pre-req (Light Blue box)
- C - or better (Red arrow)
- Prerequisite (Black arrow)
- Corequisite (Dashed arrow)

***CSEC 461 Computer System Security**
***CSEC 462 Computer System Security**
***CSEC 463 Sensor Network Security**
***CSEC 464 Computer System Forensics**
***CSEC 465 Network and System Security Audit**
***CSEC 467 Mobile Device Security and Forensics**
***CSEC 468 Risk Management for Info Security**
***CSEC 476 Malware Reverse Engineering**
***CSEC 477 Disaster Recovery Planning & Business Continuity**

Perspectives:
Choose a course for the Artistic, Ethical, Global, and Social perspectives. The other three perspectives are specified by the required courses in the CSEC program.

Immersion:
Select an Immersion approved in the General Education Framework. An Immersion consists of three pre-defined upper level courses focusing in one topic area. See the College of Liberal Arts website for a listing.

Get To Know Your Advisor:
You should meet with your advisor regularly to plan your courses, get help with scheduling problems, or to just check in on your academic progress.
This is the recommended course sequence. Individual course schedules may vary. You are responsible for verifying course offerings and pre-requisites. For additional information refer to the department website: <http://www.rit.edu/gccis/computingsecurity/>

Program Requirements

-3 main categories of classes-

General

Education (GE)

Math & Science

Liberal Arts

Foundations

Perspectives

Immersion

Major Courses

Core Courses

Major Electives



Free Electives

(Almost) anything!

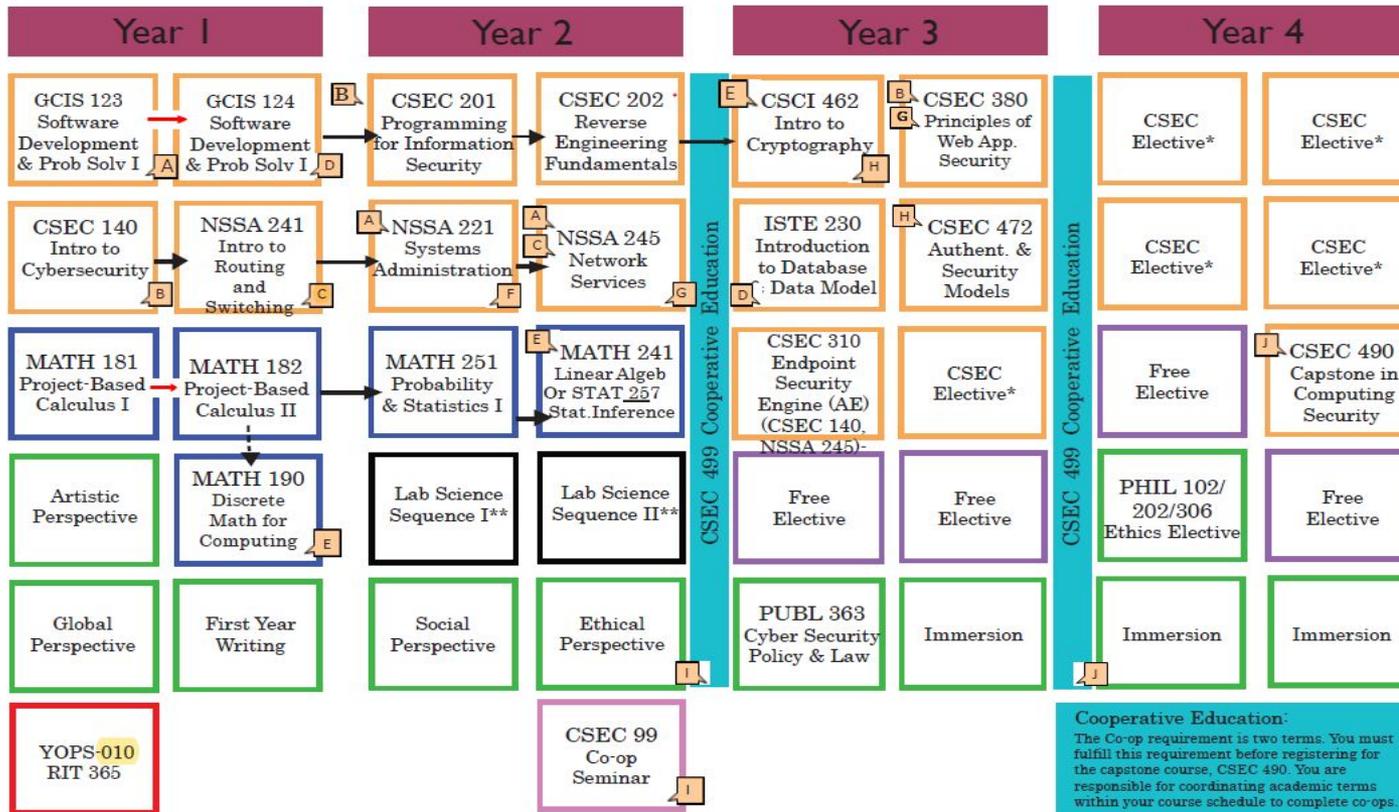
CSEC Major Electives

- CSEC 310 Endpoint Security - Mandatory Course
- 5 Advanced Electives: Required to take at least 4 advanced electives (12 credits) with the CSEC course header, and no more than 1 course (3 credits) from SWEN or CSCI to meet advanced elective requirements.

CSEC Major Electives

- CSCI-455 Principles of Computer Security
- CSCI-464 Xtreme Theory
- CSCI-531 Introduction to Security Measurement
- CSCI-532 Introduction to Intelligent Security Systems
- CSCI-622 Data Security and Privacy 5
- CSCI-642 Secure Coding
- CSCI-762 Advanced Cryptography
- CSEC-461 Computer System Security
- CSEC-462 Network Security and Forensics
- CSEC-464 Computer Systems Forensics
- CSEC-465 Network & System Security Audit
- CSEC-466 Introduction to Malware
- CSEC-467 Mobile Device Security and Forensics
- CSEC-468 Risk Management for Information Security
- CSEC-471 Penetration Testing Frameworks & Methodologies
- CSEC-473 Cyber Defense Techniques
- CSEC-470 Covert Communications (WI)
- CSEC-476 Malware Reverse Engineering
- CSEC-477 Disaster Recovery Planning and Business Continuity
- CSEC-520 Cyber Analytics and Machine Learning
- CSEC-559 Hacking for Defense
- CSEC-559 Offensive Security Engineering
- CSEC-559 Trusted Computing System Security
- CSEC-559 Usable Security and Privacy
- CSEC-569 Wireless Security
- CSEC-731 Web Server and Application Security Audits
- SWEN-261 Introduction to Software Engineering
- SWEN-331 Engineering Secure Software

Department of Computing and Electrical Engineering Undergraduate Curriculum - Cybersecurity



***Computing Security Advanced Electives**

There are five advanced electives that students must complete; students are required to take at least 4 advanced electives (12 credits) with the CSEC course header, and no more than 1 course (3 credits) from SWEN or CSCI to meet advanced elective requirements.

****Lab Science Sequence:**
Students must choose one of the following lab science sequences and complete the two courses within it.
PHYS 211 & PHYS 212
BIOL 101+103L & BIOL 102+104L
CHMG 141+145L & CHMG 142+145L

Free Elective:
Students are given four 3 credit free electives to complete in their degrees. These required courses are able to be filled with any credit bearing course. The free elective courses can be filled with courses for a minor, or classes of interest.

RIT 365:
This class serves as an interdisciplinary catalyst for first-year students to access campus resources, services, and opportunities. It is also designed to challenge and encourage relationship building and campus community.

Co-op Seminar:
This course helps students prepare for co-op employment by developing job search strategies. Students will explore current & emerging aspects of the Computing Security field with employers, alumni and current students who have already been on co-op.

Key:

- Computing (Orange)
- Math (Blue)
- General Education (Green)
- First Year Requirement (Red)
- Science (Light Blue)
- Free Elective (Light Purple)
- Co-op (Light Green)
- Course label (Orange box)
- Course Pre-req (Orange arrow)
- C- or better (Red arrow)
- Prerequisite (Black arrow)
- Corequisite (Dashed arrow)

***CSEC 461 Computer System Security**
***CSEC 462 Computer System Security**
***CSEC 463 Sensor Network Security**
***CSEC 464 Computer System Forensics**
***CSEC 465 Network and System Security Audit**
***CSEC 467 Mobile Device Security and Forensics**
***CSEC 468 Risk Management for Info Security**
***CSEC 476 Malware Reverse Engineering**
***CSEC 477 Disaster Recovery Planning & Business Continuity**

Perspectives:
Choose a course for the Artistic, Ethical, Global, and Social perspectives. The other three perspectives are specified by the required courses in the CSEC program.

Immersion:
Select an Immersion approved in the General Education Framework. An Immersion consists of three pre-defined upper level courses focusing in one topic area. See the College of Liberal Arts website for a listing.

Get To Know Your Advisor:
You should meet with your advisor regularly to plan your courses, get help with scheduling problems, or to just check in on your academic progress.
This is the recommended course sequence. Individual course schedules may vary. You are responsible for verifying course offerings and pre-requisites. For additional information refer to the department website: <http://www.rit.edu/gccis/computingsecurity/>

Program Requirements

-3 main categories of classes-

General

Education (GE)

Liberal Arts

Math & Science

Major Courses

Core Courses

Major Electives

Free Electives

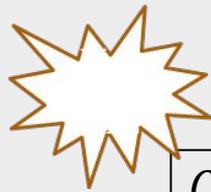
(Almost) anything!



Free Electives

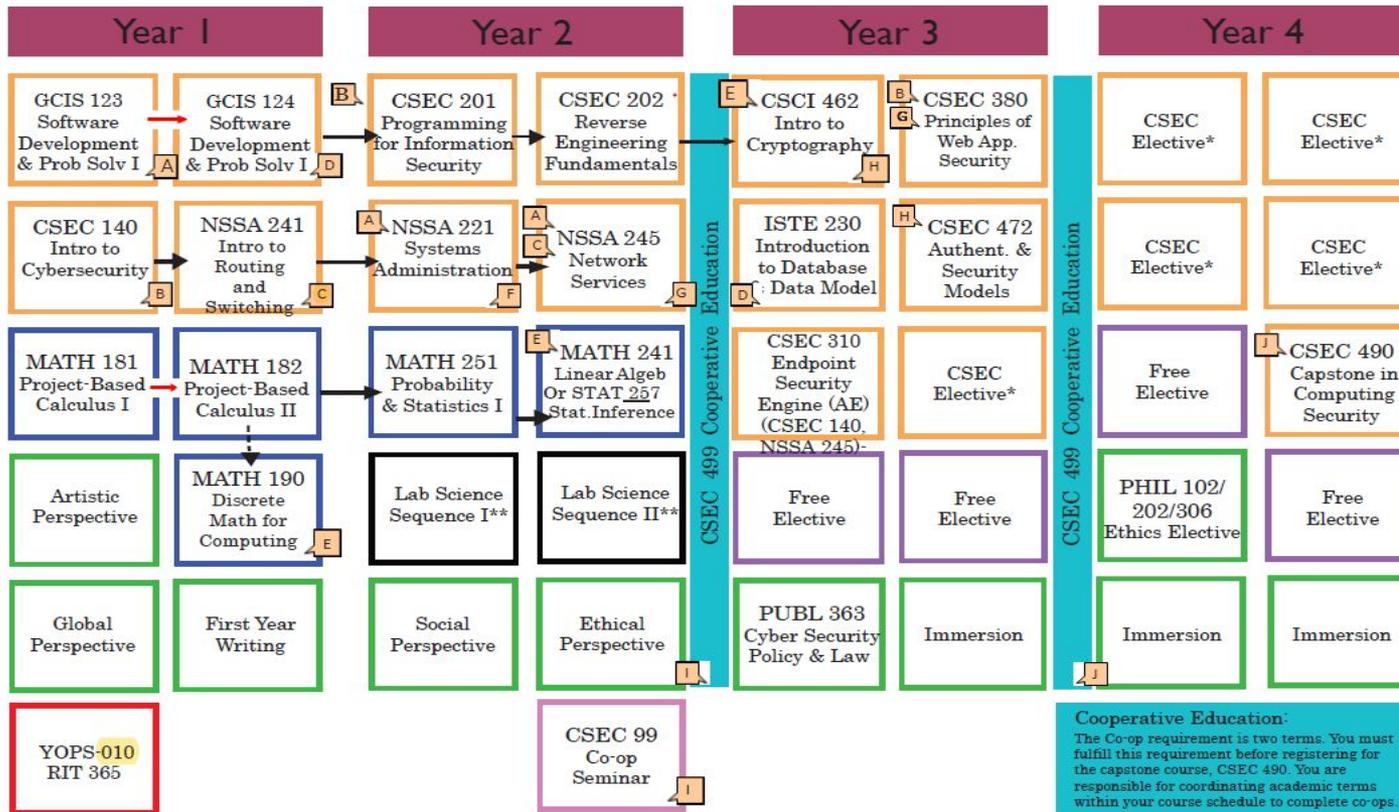
Make the most of them!

- . An extra course from your major
- . An additional general education class
- . A course from a different program
- . A course towards a minor



Cannot take an **easier** course (e.g. Pre-calc if you've already taken Calc I), a course with unfulfilled **pre-reqs**, or a course that's too similar to another (e.g. Applied Statistics & probability & Stats)

Department of Computing and Electrical Engineering Undergraduate Curriculum - Cybersecurity



***Computing Security Advanced Electives**

There are five advanced electives that students must complete; students are required to take at least 4 advanced electives (12 credits) with the CSEC course header, and no more than 1 course (3 credits) from SWEN or CSCI to meet advanced elective requirements.

****Lab Science Sequence:**
Students must choose one of the following lab science sequences and complete the two courses within it.
PHYS 211 & PHYS 212
BIOL 101+103L & BIOL 102+104L
CHMG 141+145L & CHMG 142+145L

Free Elective:
Students are given four 3 credit free electives to complete in their degrees. These required courses are able to be filled with any credit bearing course. The free elective courses can be filled with courses for a minor, or classes of interest.

RIT 365:
This class serves as an interdisciplinary catalyst for first-year students to access campus resources, services, and opportunities. It is also designed to challenge and encourage relationship building and campus community.

Co-op Seminar:
This course helps students prepare for co-op employment by developing job search strategies. Students will explore current & emerging aspects of the Computing Security field with employers, alumni and current students who have already been on co-op.

Key:

- Computing (Orange)
- Math (Blue)
- General Education (Green)
- First Year Requirement (Red)
- Science (Light Blue)
- Free Elective (Light Green)
- Co-op (Light Purple)
- Course label (Orange box)
- Course Pre-req (Light Blue box)
- C - or better (Red arrow)
- Prerequisite (Black arrow)
- Corequisite (Dashed arrow)

***CSEC 461 Computer System Security**
***CSEC 462 Computer System Security**
***CSEC 463 Sensor Network Security**
***CSEC 464 Computer System Forensics**
***CSEC 465 Network and System Security Audit**
***CSEC 467 Mobile Device Security and Forensics**
***CSEC 468 Risk Management for Info Security**
***CSEC 476 Malware Reverse Engineering**
***CSEC 477 Disaster Recovery Planning & Business Continuity**

Perspectives:
Choose a course for the Artistic, Ethical, Global, and Social perspectives. The other three perspectives are specified by the required courses in the CSEC program.

Immersion:
Select an Immersion approved in the General Education Framework. An Immersion consists of three pre-defined upper level courses focusing in one topic area. See the College of Liberal Arts website for a listing.

Get To Know Your Advisor:
You should meet with your advisor regularly to plan your courses, get help with scheduling problems, or to just check in on your academic progress.
This is the recommended course sequence. Individual course schedules may vary. You are responsible for verifying course offerings and pre-requisites. For additional information refer to the department website: <http://www.rit.edu/gccis/computingsecurity/>

Co-op

“Co-op”: Cooperative Education

- ▶ Opportunity to gain meaningful work experience *before* graduation
- ▶ Full-time, paid employment directly related to your field of study
- ▶ Usually starts in your 2nd year **SUMMER**

Co-op

2 summers = 24 weeks

- ▶ **An individual co-op must be a minimum of 10 weeks**
- ▶ **2 different coops are recommended**
- ▶ **Must be in Good Standing (at least 2.0 cGPA)**
- ▶ **Must first complete Co-op Prep (CSEC99)**
- ▶ **Not permitted to graduate on a co-op**

Co-op Pre-requisites

CSEC

- **CSEC 99 Coop Prep**
- *Second year CSEC courses (preferred)*
 - CSEC 202 Concepts of Comp Systems
 - NSSA 221 Systems Admin I
 - MATH 182 Calculus II

Confused?

Don't worry. You will make an individualized, personal Graduation Plan with your advisor (during your mandatory advising session) that will include all of these requirements so you can keep track.

This will be emailed to you after your mandatory advising session, so keep it and refer to it often!

Academic Advising Resources

[RIT Dubai](#) -> Campus Life -> Academic Advising

1. Introduction and Schedules
2. Forms
3. Advising Resources
4. Program Requirements
5. Transfer and Study Abroad

Now What?

■ **Mandatory Advising**

- **Every semester**, you must meet with either your Academic Advisor or your Faculty Advisor before you can enroll for the next semester
 - You will discuss how things are going and what courses you should take next semester
- We will email you when we are ready to begin appointments (and remind you every week)
 - Please **make an appointment on Starfish**
 - **If you want to come with a friend (up to a group of 3)**, one of you make the appointment and write the name of the other(s) in the comments

Starfish Appointments

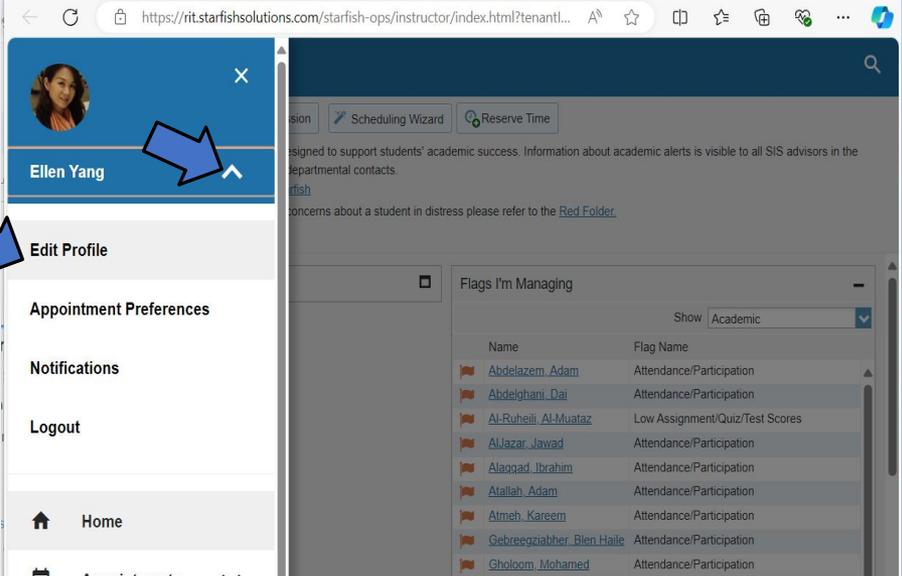
■ First change your timezone!

1. Access **Starfish** through SIS or MyCourses by clicking on this icon 
2. Click the “Hamburger” menu icon on the top left
3. Click on the [^] and **Edit Profile**

4. Under “Contact Information,”

“Display all time zones”

5. Find “(GMT+04:00) Dubai”
6. Click “Save Changes”



The screenshot shows the Starfish user interface. On the left, a profile card for Ellen Yang is visible with a blue arrow pointing to the hamburger menu icon (three horizontal lines) and another blue arrow pointing to the 'Edit Profile' option in the dropdown menu. The main content area shows a table titled 'Flags I'm Managing' with a search bar and a 'Show' dropdown set to 'Academic'. The table lists various flags with columns for 'Name' and 'Flag Name'.

Name	Flag Name
Abdelazem Adam	Attendance/Participation
Abdelghani Dai	Attendance/Participation
Al-Ruhelli Al-Muataz	Low Assignment/Quiz/Test Scores
AlJazar Jawad	Attendance/Participation
Alaqaad Ibrahim	Attendance/Participation
Atallah Adam	Attendance/Participation
Atmeh Kareem	Attendance/Participation
Gebreegziabher Bien Haile	Attendance/Participation
Gholoom Mohamed	Attendance/Participation

Starfish Appointments

To book an appointment (video):



1. Access **Starfish** through SIS or MyCourses by clicking on this icon:
2. Go to “[My Success Network](#)” ”
3. Go to your [Academic Advisor](#), click on “...” and select “[Schedule](#)”
4. On the next page, click on “[Academic Advising](#)” and select the most applicable reason for your meeting.
5. Select the [date](#) and [time](#)
6. On the next page, you can “[change duration](#)” to book a longer appointment, select the [Location](#) (Zoom or in-person), and add comments/details that I will see

RIT Email address

- Check your RIT Email frequently
- or**
- Connect it to your mobile phones

•Why?

1. Used for all communication
2. Important announcements
3. Easier to identify and assist you (also, try to add your UID as an email signature too).

Any Questions?