Total credit hours for graduation are 125 (2018-2019 Catalog). Total advanced hours are 48. All Computer Science courses in the degree plan except the Technical Electives must be completed with a grade ‘C’ or better.

Calculus I is a pre-requisite for many major courses. Always schedule Math first until you through Calculus I.
**MILESTONES**

- **FIRST YEAR**
  - Complete your core English classes (section 010) during your first year.
  - Complete 30 credit hours every year in order to graduate in 4 years.
  - Shoot for a GPA of 3.5.
  - Take MATH 2413 in your first year.

- **SECOND YEAR**
  - Complete major foundation classes, such as CSCI 2380, CSCI 2333, CSCI 3334, CSCI 3130, ELEE 2330, CSCI 3326 or CSCI 3327 or CSCI 3328.
  - Complete 30 credit hours.

- **THIRD YEAR**
  - Complete 30 credit hours.
  - Have you landed an internship or acquired research experience? This is the year to make it happen.
  - Set up an independent study project or an academic internship to complement your major. Independent study follows from involvement with faculty research in and out of class. If you secure an internship, you can receive Technical Elective credit under CSCI 3390.

- **FOURTH YEAR**
  - Shoot for a GPA of 3.5.
  - “I have a plan for after graduation.” If this describes you, great! If not, visit your Faculty Advisor or Career Center!
  - Register for your Capstone/senior/portfolio project: CSCI 4390
  - Complete at least 30 credit hours to graduate.
  - Submit your application(s) for graduate school, an apprenticeship, or for full-time employment.

**ADVICE & SUPPORT**

- **FIRST YEAR**
  - UTRGV has a Writing Center and a Learning Center. Make it a point to visit them!
  - Complete your core English classes (section 010) during your first year.
  - Complete 30 credit hours every year in order to graduate in 4 years.
  - Shoot for a GPA of 3.5.
  - Take MATH 2413 in your first year.

- **SECOND YEAR**
  - Visit your academic advisor and bring your orientation folder with you to every session!
  - Choose a major with confidence—Visit my.utrgv.edu and check out the Kuder University surveys.
  - Visit a faculty member during their office hours and ask a question about class.
  - Classes fill up fast. When registration opens, be sure to register on the first day for your group.
  - Cold or flu getting you down? We have Student Health Services on campus with free office visits.

- **THIRD YEAR**
  - Update your information with Alumni Relations. Enjoy alumni mixers, events and continued access to Career Center services!

- **FOURTH YEAR**
  - Exceptional performance? This is the year to make it happen.
  - Shoot for a GPA of 3.5.
  - “I have a plan for after graduation.” If this describes you, great! If not, visit your Faculty Advisor or Career Center!
  - Register for your Capstone/senior/portfolio project: CSCI 4390
  - Complete at least 30 credit hours to graduate.
  - Submit your application(s) for graduate school, an apprenticeship, or for full-time employment.

**APPLY WHAT YOU LEARN**

- **FIRST YEAR**
  - Make up to six different classes! Check out Kuder Journey!
  - Come ready with course suggestions and questions when you visit your academic advisor.
  - Visit the Communication Hauser Lab for help with your speeches.
  - Trouble making your tuition payment? The Financial Aid Office can help. Payment plans and emergency loans are also available.

- **SECOND YEAR**
  - Find undergraduate research opportunities, visit the Engaged Scholarship & Learning Office and speak to your Professors about how to get involved.
  - Consider attending the LeaderShape Institute or attend the Engaged Scholarship Symposium.

- **THIRD YEAR**
  - Consider serving on a campus life/community committee or become a student leader and make a difference. Visit VLink or speak with your Student Government Association for more information.

- **FOURTH YEAR**
  - Continue to present research or creative works at the Engaged Scholar Symposium or at Computer Science Student Research Day (CSSRD).
  - Set up an informational interview with an individual (especially an alumnus) currently in the field you aspire to work in.

**GLOBAL, CAMPUSS & COMMUNITY ENGAGEMENT**

- **FIRST YEAR**
  - Look for a service learning course for guidance, visit Engaged Scholarship & Learning Office.
  - Participate in a campus-sponsored community service project.
  - Ask a student in class to study with you.

- **SECOND YEAR**
  - Set up your profile on the Engagement Zone through My.UTRGV.edu.
  - Attend a diversity based campus or community event (e.g. MLK Day of Service).
  - Attend a departmental program such as HESTEC Engineering and Computer Science Poster Symposium Competition.
  - Join a student organization! Consider looking into ACM or ACM-W or visit VLink (utrgv.edu/vlink) for options.

- **THIRD YEAR**
  - Check out a cultural campus or community event such as HESTEC or FESTIBA.
  - Join another student organization. Perhaps HackB&M or visit VLink for options.
  - Check out a campus event that offers free lunch and bring a friend! (especially an alumnus) currently in the field you aspire to work in.

- **FOURTH YEAR**
  - Identify employers of interest and seek them out at job fairs, online, at on-campus information sessions, staffing agencies, etc. The Career Center can help.
  - Before a job interview, schedule a mock interview with the Career Center or speech coaching with the Communication Hauser Lab.

**LIFE AFTER GRADUATION**

- **FIRST YEAR**
  - Create a résumé and set up your profile on the Career Connection (My UTRGV.edu).
  - Got summer plans? Visit Career Center and ask about places to do some job shadowing.

- **SECOND YEAR**
  - Research shows that students who work on campus perform better than those who work off campus. Look up the Career Center portal!
  - Check your UTRGV email for the daily Messenger- locate and attend one student workshop.

- **THIRD YEAR**
  - Update your resume in Career Connection and have it reviewed.
  - Visit the Career Center site to find a job fair to attend. At the event, approach a recruiter and discuss internships.

- **FOURTH YEAR**
  - Check out the department website for postings on career/graduate school.
  - Think about three people you can ask for letters of recommendation (professors, mentors, advisors, supervisors, etc.). Give them at least two weeks’ advance notice!

  - When is the deadline for your graduate school application? Visit the program admissions webpage. Most do not accept late applicants!

**FURTHER INFORMATION**

- **UPPER DEGREE PROGRAMS**
  - Undergraduate programs in Mathematics, Biology, Economics, Education or any other field.

- **FURTHER CAREERS**
  - Check out additional info, visit the Career Center website and check out “What Can I Do With This Major?” www.utrgv.edu/careercenter

CAREERS

- Information protection
- Communications and wireless networks
- Computational science
- Operating systems
- Computer networks
- Computer systems
- Embedded systems
- Computer vision and robotics
- Circuit design
- Signal, image, and speech processing
- VLSI
- Bioinformatics