

PROGRAM OVERVIEW
FOR ACADEMIC YEAR 2023-2024

Certificate of Graduate Study (COGS) in Networks
face-to-face format

Updated 5/18/23

Program at a Glance

- **Program Code:** COG -NETWORK/ **Major Code:** G128
- This program consists of **4 courses** and **12 graduate semester hours (SH)**.
- The program is available **part-time**.
- Depending upon module of entry, it is possible to complete the program in **2 consecutive semesters**.
- The program is offered in a **face-to-face** format at Rowan’s Glassboro campus.
- **Courses are offered during traditional 15 week semesters**.
- **Graduation/Exit/Thesis Requirements:** None
- **Course descriptions** are available at www.global.rowan.edu.
- **Costs** are detailed at www.global.rowan.edu.

Program Features

- The Certificate of Graduate Study (COGS) in Networks is intended for computer scientists or computer engineers who wish to broaden their skills.
- As a result of this program, students will understand network organization, major network protocols and the principles behind them, wireless networks, network security, and the simulation and performance of network applications.
- Courses in this program may count toward Rowan’s Master of Science in Computer Science requirements. For more information on the MS in CS program, please visit www.csm.rowan.edu

Contact Information

- For questions about this program or academic matters, please contact the Program Coordinator, Shen-Shyang Ho: 856-256-4805 ho@rowan.edu
- For questions about the application process or the status of your application, please contact the Division of Global Learning & Partnerships at global.rowan.edu.
- If you are already admitted and have questions about matriculation or registration, please contact your academic advisor.

Minimum Required Grades and Cumulative GPA

All matriculated post-baccalaureate and graduate students are expected to maintain satisfactory academic progress each term of enrollment. The **COGS in Networks** is a category 3 program which means in order to maintain satisfactory academic progress and to successfully complete the program students must:

- Earn no more than two total C grades of any combination of “C+” or “C.” (grades of C- are not acceptable.)
- Earn no grades lower than a “C”
- Earn an official cumulative GPA (according to matriculation level) of at least 3.000 on Rowan’s 4.000 scale

For full details regarding satisfactory academic progress and graduation requirements, please visit www.global.rowan.edu.

Program Entry Points & Application Deadlines

Applications must be complete by the application deadline in order to be considered for admission that term.

<u>Entry Points</u>	<u>Deadlines</u>
Fall	07/01
Spring	11/01
Summer	04/01

This program offers rolling admissions. Visit www.global.rowan.edu for the corresponding start dates for each entry point listed above.

Admission Requirements

- Rowan Global Application Form (www.global.rowan.edu)
- \$65 (U.S.) non-refundable application fee
- Bachelor’s degree (or its equivalent) in Computer Science or related field from an accredited institution of higher learning
- Official transcripts from *all* colleges attended (regardless of number of credits earned)
- Current professional resume

PLUS

- Typewritten statement of professional objectives (including motivation for applying to program)
- Two letters of recommendation from professional sources
- Minimum undergraduate cumulative GPA of 3.0 (on a 4.0 scale)
- Submission of official GRE scores highly recommended

COGS in Networks

Summary of the Application Process

1. Review the admission policies and procedures in the application instructions and complete the appropriate application form (available to download at www.global.rowan.edu). Include the proper program code, major code, and entry term on all application materials submitted.
2. Submit the completed application form and all other required application materials as soon as possible—but no later than the application deadline to:

**Rowan University
Global Learning &
Partnerships
Enterprise Center
225 Rowan Boulevard
Glassboro, NJ 08028**

Faxed items (856-256-5637) are acceptable for everything *other than* official test scores, official transcripts, and letters of recommendation. Do not send materials to any address or office other than the one listed in this document as this will delay processing.

Admission policy for prospective students is listed in the application instructions available to download from www.global.rowan.edu.

Transfer Credit Evaluation Process and Policy

1. The **COGS in Networks** program allows incoming students to transfer up to 3 credits into the program providing a grade of B or better was earned, the course and credits are deemed equivalent to required course and credits in the sequence, and the course was taken within the past 10 years.
2. Transfer credit at the graduate or post-bac level is only evaluated upon request. Instructions and forms for requesting transfer credit are available at www.global.rowan.edu.
 - a. Transfer Credit Evaluation Forms must be submitted to Global Admissions by the same application deadline for your program of interest.
 - b. Evidence supporting the request (official transcripts, syllabi, and course descriptions) must be included with the request form.
 - c. Transfer credit is not fully evaluated or posted until a student is admitted and matriculated.
3. Transfer credit is evaluated by the academic department. Once the transfer credit evaluation process is complete, you will be notified by Global Admissions and any awarded credit will be posted by the Registrar to your account. Students can review awarded transfer credit via Rowan Self Service (www.rowan.edu/selfservice).
4. Any questions about awarded transfer credit should be directed to your Academic Advisor, whose name and contact information is included in this document.

Program Requirements

Foundation Courses: None

Graduation/Exit/Thesis Requirements: None

While the official curricular requirements for this program are located in the Catalog (www.rowan.edu/catalogs), this Program Overview is considered the most up-to-date source for all program requirements.

Required Courses *All courses require permission of instructor to register

Required Course #	Course Title	Semester Hours
CS 09510	Computer Networks	3
Elective Courses #		
CS 03580	Cloud Computing and the Internet of Things - Architectures and Security	
CS 09605	Wireless Networks and Systems	3
CS 09612	Network Security	3
CS 09675	Advanced TCIP/IP and Internet Protocols and Technologies	3

Notes about coursework

1. SH/s.h.: Semester Hours
2. All courses are subject to run based upon meeting enrollment minimums.
3. Courses in **bold** are available to take as a non-matriculated student. To enroll in one of these courses, please complete an Activation & Registration Form (available to download from www.global.rowan.edu), and submit it to Global Admissions.
4. Pre-requisites are accurate as of the date of this document. For the most up to date information on pre-requisites and course restrictions, please refer to the Section Tally listed below.
5. Available courses and the terms and times in which they are offered (as well specific start and end dates and any skipped dates) are listed in Rowan's searchable Section Tally: https://banner.rowan.edu/auth_reports/reports.pl?task=Section_Tally