COLLEGE of CHARLESTON
GRADUATE SCHOOL
UNIVERSITY OF CHARLESTON, S.C.

Application for Combined Bachelor's & Master's Degree: Mathematics OR Computer and Information Sciences

1. _____ _____ _____
   CWID Degree Program **Current Term**

2. _____ _____ _____
   Last Name First Name Middle / Maiden Name

3. _____ _____ _____
   Street / Apartment City State / Zip Code

4. _____ _____ - _____ - _____
   Email (Please Print Clearly) Home or Cell Phone Number

5. _____ _____
   Total Undergraduate Credits (60 min. for CSCI; 75 min. for MATH) Major GPA (3.5 min.)

TERM COURSE TAKEN	GRADUATE COURSE NUMBER AND TITLE	UNDERGRADUATE COURSE REPLACED

_____ _____
Student Signature Date

_____ _____
Program Director Signature Date

_____ _____
Graduate School Dean Signature Date

GSO & REGISTRAR STAFF ONLY

GSO Processed by: _____ *Date:* _____
Registrar Processed by: _____ *Date:* _____

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Computer and Information Sciences Course Substitution Map

Core Courses

Undergraduate Course	Graduate Course Equivalent
CSCI 320: Programming Language Concepts	CSIS 618: Principles of Programming Languages
CSCI 362: Software Engineering	CSIS 602: Foundations of Software Engineering
CSCI 450: Architecture of Advanced Computer Systems	CSIS 612: Advanced Computer Architecture
CSCI 410: Automata and Formal Languages	CSIS 616: Automata Theory
CSCI 440: Computer Networks	CSIS 632: Data Communication and Networking

Elective Graduate Courses

CSIS 601: Data Modeling and Database Design	CSIS 636: Information Technology Policy, Strategy and Governance	CSIS 657: Embedded Systems Design
CSIS 603: Object-Oriented Design Patterns	CSIS 638: Advanced Topics in Database Systems	CSIS 658: Software Testing and Maintenance
CSIS 604: Distributed Computer Systems Architecture	CSIS 641: Advanced Cybersecurity	CSIS 659: Service-Oriented Computing
CSIS 633: Semantic Web Principles and Practice	CSIS 654: Software Requirements Analysis and Specifications	CSIS 672: Human-Computer Interaction
CSIS 634: Project Change and Management	CSIS 656: Software Systems Design and Implementation	CSIS 674: Introduction to Computer Graphics

Mathematics Course Substitution Map

Undergraduate Course	Graduate Course Equivalent
MATH 402: Advanced Linear Algebra	MATH 502: Advanced Linear Algebra
MATH 415: Complex Analysis	MATH 515: Complex Analysis
MATH 423: Partial Differential Equations	MATH 523: Partial Differential Equations
MATH 430: Mathematical Statistics I	MATH 530: Mathematical Statistics I
MATH 430: Mathematical Statistics II	MATH 531: Mathematical Statistics II
MATH 440: Statistical Learning I	MATH 540: Statistical Learning I
MATH 441: Statistical Learning II	MATH 541: Statistical Learning II
MATH 445: Numerical Analysis	MATH 545: Numerical Analysis
MATH 449: Linear Models	MATH 550: Linear Models
MATH 451: Linear Programming	MATH 551: Linear Programming
MATH 452: Operations Research	MATH 552: Operations Research
MATH 455: Bayesian Methods	MATH 555: Bayesian Methods