

COMPUTER SCIENCE

Program Requirements

Major program: No pass/fail courses. Requires 2.5 overall GPA.

Requirements for the Computer Science Major:

27 credit hours consisting of Computer Science 220, 230, 305, 326, 330, 350, 401 or MSCS 501, 405 or MSCS 505. At least three additional credit hours chosen from CPSC 430 or MSCS 530, CPSC 491 or MSCS 591, or CPSC 499. Three additional credit hours chosen from Mathematics 300, 312, or 351. Three additional credit hours chosen from 410, 414, 415, 420, 425, 444, 470 through 477, 491, any approved MSMIS course, or any approved MSCS course that was not used to satisfy any of the preceding requirements. Three additional credits of any Computer Science or Mathematics course numbered 300 or higher, except Mathematics 325, any approved MSMIS course, or any approved MSCS course, that was not used to satisfy any 107 of the preceding requirements.

Note that Mathematics 122 (Calculus II) is a prerequisite for Computer Science 326, *Theoretical Foundations of Computing* and should be taken before the junior year. Also, note that Computer Science 125, *Introduction to Discrete Mathematics* is a prerequisite for Computer Science 305, *Computer Systems and Architecture*, and 326, *Theoretical Foundations of Computing*, and should be taken before the junior year.

Date Checksheet Submitted to the Department _____

Tentative Graduation Date _____

Student Teaching Semester/Cohort _____

UNIVERSITY OF MARY WASHINGTON

COLLEGE OF EDUCATION

APPROVED PROGRAM CHECKSHEET

SECONDARY EDUCATION – COMPUTER SCIENCE

NAME _____

Last

First

MI

Banner ID

HOME ADDRESS _____

Street

City

State

Zip

HOME PHONE (INCLUDE AREA CODE) _____

BOX UMW _____

SAT SCORES: _____

Verbal

Mathematics

Total

ACADEMIC MAJOR _____

MAJOR ADVISOR/BLS MENTOR _____

DATE OF PROVISIONAL ADMISSION TO APPROVED PROGRAM _____

DATE OF FORMAL ADMISSION TO APPROVED PROGRAM _____

DATE OF ADMISSION TO STUDENT TEACHING _____

SECONDARY 6-12 PROGRAMS

General Education Requirements for Approved Teacher Education Program
(These do not include all UMW General Education Requirements for degree completion.)
(No pass/fail courses)

Check when completed

First Year Seminar (one course designated as a First Year Seminar) (Only if needed for the General Education Requirement) 1.	
Quantitative Reasoning (two courses required) 1. 2.	
Natural Science (one two-course sequence, lab experience required) 1. 2.	
Global Inquiry (one course required) 1.	
Language (intermediate competency – describe how met, courses completed, test passed)	
Arts, Literature, and Performance – Process (one course required) 1.	
Arts, Literature, and Performance – Appreciation (one course required) 1.	
Human Experience and Society (two courses from two different disciplines) 1. 2.	
Experiential Learning (one course required) (EDUC 440 can meet this requirement) 1.	
Speaking Intensive (two courses required) (EDUC 440 can meet this requirement) 1. EDUC 420 The Professional Teacher & Critical Issues in Education 2.	
Writing Intensive (four courses required) 1. EDUC 420 The Professional Teacher & Critical Issues in Education 2. 3. 4.	

COMPUTER SCIENCE 6-12

Professional Studies and Field Experience
No pass/fail courses. Minimum GPA: 3.0

Required Credits: Professional Studies: 17 Field Experience: 11

	Professional Studies	Field Experience
EDUC 204, Introduction to Learning and Teaching Field Experience: School/Subject/Grade (20 hours)	3	0
EDUC 323, The Teaching of Mathematics (including Computer Science) Field Experience: School/Subject/Grade (30 hours)	3	1
EDUC 351, Constructivist Teaching in the Secondary School Classroom Field Experience: School/Subject/Grade (30 hours)	3	1
EDUC 384, Introduction to Special Education: Secondary	3	0
EDUC 385, Managing the Secondary Classroom Field Experience: School/Subject/Grade (20 hours)	2	0
EDUC 420, The Professional Teacher and Critical Issues in Education	3	0
EDUC 440, Supervised Teaching Field Experience: School/Subject/Grade	0	9

Pre-Student Teaching Hours	
Student Teaching Hours	
• Responsible Actual Teaching Hours	
• Other Classroom Hours	
Total Field Experience Hours	

GPA	
Major	
EDUC	
Overall	

Praxis I
PPST Reading:
PPST Writing:
PPST Mathematics:
Composite Score:

SAT: Substitute for Praxis I (Score must be 1100 with at least 530 on verbal and 530 on Math)
Verbal:
Math:
Total:

Praxis II
Specialty Test:
Score:

Virginia Communication and Literacy Assessment Score:
Date Child Abuse Recognition & Intervention Training Completed:
Date Approved Program Completed:

Student's Signature: _____ Date: _____

Advisor's Signature: _____ Date: _____