

Distributive Studies

Area 1: Systems

Requirements: __credits	Course	Credits	Grade	CMSC 420	3
Big Questions				CMSC 421	3
Big Questions				CMSC 422	3
				CMSC 423	3
				CMSC 424	3
Requirements: __credits	Course	Credits	Grade	CMSC 426	3
Understanding Plural Soc. (UP)				CMSC 427	3
Understanding Plural Soc. (UP) or Cultural Competency (CC)	TLPL 401			CMSC 470	3
Requirements: __credits	Course	Credits	Grade	CMSC 430	3
			n/a	CMSC 433	3
			n/a	CMSC 434	3
			n/a	CMSC 435	3
			n/a	CMSC 436	3
Requirements for Graduation:				CMSC 451	3
At least 30 credits must be earned at UMD				CMSC 452	3
				CMSC 456	3
				CMSC 457	3
				CMSC 460 or CMSC 466	3

Year 1 - Benchmark Requirement

AW with C- or higher  
 MA with C- or higher

CMSC LEP Gateway requirements and admission to CMSC major  
 TLPL 401 with B- or higher 3

TLPL 101 Inquiry Approach to Teaching STEM (Step 1) 1  
 TLPL 102 Inquiry Teaching of STEM in Middle School 2  
 \*EDHD 426 Cognitive and Motivational Literacy Content 3  
 TLPL 401 Student-Centered Curriculum and Instruction 3  
 \*TLPL 414 Knowing and Learning in Mathematics and Science 3  
 \*TLPL 415 Perspectives in Science 3

Professional Education Requirem(e)-1430 Experiential Learning- optional  
 \*TLPL 403 Teaching and Learning Highschool Mathematics (Fall Only) 3  
 TLPL 479D Field Experiences in Education; Secondary Mathematics Education (Fall Only) 1  
 TLPL 478D Special Seminar in Education: Mathematics (Spring Only) 1  
 TLPL 489D Internship in Education: Mathematics (Spring Only) 12  
 TLPL 477 Special Topics in Education; Teaching Academically, Culturally & Linguistically Diverse Students in Secondary Education (Spring Only) 2

Year 1		Fall	Cr.	Spring	Cr.
Benchmark 1	CMSC 131		4	CMSC 132	4
AW with C- or higher	MATH 140 (MA/AR)		4	MATH 141	4
MA with C- or higher	ENGL 101 (AW)		3	GENED-NL*	4
MATH 141	GENED-OC		3	GENED-HS*	3
CMSC 131	CMSC 100		1	TLPL 102 ( <i>SP in combination with TLPL 101</i> )	2
CMSC 132	TLPL 101		1		
	UNIV 100		1		
		<i>Total</i>	17		<i>Total</i> 17

Year 2		Fall	Cr.	Spring	Cr.
Benchmark 2	TLPL 414 (HS)		3	CMSC 330	3
<i>Test of Basic Skills</i>	CMSC 216				

## Secondary Science Education/Computer Science Double Major

### Benchmarks

#### 45-credit review

Completion of English and Math fundamental studies with a C- or better  
Minimum cumulative GPA of 2.75

#### 75-credit review

Passing scores on a Test of Basic Skills  
Minimum cumulative GPA of 2.75  
Submission of FC/MCEE Self-Assessment  
Admission to the full degree/professional program (0834P)  
TLPL 401 with grade of B- or better  
Satisfactory completion of other Computer Science Gateway courses  
Double Major with Science Gateway on file

#### 90-credit review:

Passing scores on a Test of Basic Skills  
Minimum cumulative GPA of 2.75  
Satisfactory Evaluation on FC/MCEE  
TLPL 415 with a C- or better  
Double Major with Science Gateway on file

#### 105-credit review:

Passing scores on a Test of Basic Skills  
Minimum GPA of 2.75  
Satisfactory Evaluation on FC/MCEE and PBA

Double Major with Science Gateway on file