

Middle School Math and Science

Name:			
General Education Requirements			
Fundamental Studies			
Requirements: __ credits	Course	Credits	Grade
Academic Writing (AW)	ENGL 101		
Professional Writing (PW)			
Oral Comm. (OC)			
Math (MA)			
Analytic Reasoning (AR)			
Distributive Studies			
Requirements: __ credits	Course	Credits	Grade
Natural Sciencde Lab (NL)	PHYS 115		
Natural Sciences (NL)	GEOL 100/110		
History/Social Sciences (HS)	TLPL 360		
History/Social Sciences (HS)	EDHD 413		
Humanities (HU)			
Humanities (HU)			
Scholarship in Practice (SP)	TLPL 252		
Scholarship in Practice (SP; non major)			
I-Series			
Normally double counted with Distributive Studies			
Requirements: __ credits	Course	Credits	Grade
I-Series (IS)	AOSC 200		
I-Series (IS)			
Diversity			
(overlap permitted with Distributive Studies and/or I-series)			
Requirements: __ credits	Course	Credits	Grade
Understanding Plural Soc. (UP)			
Understanding Plural Soc. (UP) or Cultural Competency (CC)			
Experiential Learning - optional			
(overlap permitted with other requirements/courses)			
Requirements: __ credits	Course	Credits	Grade

Students must earn a minimum of 120 credits to complete a degree.

Requirements for Graduation:	
<input type="checkbox"/>	At least 30 credits must be earned at UMD
<input type="checkbox"/>	15 of the final 30 credits must be earned at the 300-400 level
<input type="checkbox"/>	12 upper level major credits must be earned at UMD
*Satisfies Gen Ed and Major requirement	

UID:		
Major Requirements (Grade of "C-" or higher is required)		
Benchmark 1 Requirements (by 30 credits)		
AW with C- or higher	3	
MA with C- or higher	3 or 4	
Benchmark 2 Requirements (by 60 credits)		
TLPL 251 with B- or higher	3	
Gateway Courses to be completed with 2.7 or higher:		
Biological Lab Science (NL)*	4	
Physical Lab Science (NL)*	4	
MATH 212	3	
MATH 213	3	
Major Requirements		
MATH 212	3	
MATH 213	3	
MATH 214	3	
MATH 312	3	
MATH 314	3	
MATH 315	3	
PHYS 115*	4	
GEOL 100/110*	4	
BSCI 103, 160/161, 170/171*	4	
CHEM 131/132*	4	
AOSC 200/201*	4	
Science Elective	3 or 4	
TLPL 251 (B- or higher)	3	
TLPL 252* (Spring only)	3	
Pre-Professional Requirements		
TLPL 250 or 360*	3	
EDHD 413*	3	
EDHD 436	3	
TLPL 462	3	
Professional Courses		
TLPL 413	3	
TLPL 420	3	
TLPL 423	2	
TLPL 475	2	
TLPL 479E	1	
EDCI 474	2	
Yearlong Internship Spring Only		
TLPL 489E	12	
TLPL 424	2	
TLPL 476	2	

Middle School Math and Science Four Year Academic Plan

Year 1	Fall	Cr.	Spring	Cr.
Benchmark Requirements Fundamental AW with C- or higher Fundamental MA with C- or higher	ENGL 101 (AW)	3	MATH 212	3
	Mathematics (MA)	3	Science Sequence II (GEOL 100/110)	3
	Science Sequence I (PHYS 115) (NL)	4	Humanities (HU)	4
	HUMANITIES (HU)	3	Social Science (HS)	3
	UNIV 100	1	TLPL 251	3
	<i>Total</i>	14		<i>Total</i>
Year 2	Fall	Cr.	Spring	Cr.
Gateway Requirements Gateways must be completed by 60 credits Gateways courses to be completed with 2.7 MATH 212 MATH 213 Biological Lab Science (NL) Physical Lab Science (NL) TLPL 251 with B- or higher	MATH 213	3	MATH 214	3
	Science Sequence III (BSCI)	3	Science Sequence IV (CHEM)	3
	I-Series	3	Scholarship in Practice (SP)	3
	Oral Communication (OC)	3	Analytic Reasoning (AR)	3
	TLPL 250 or 360	3	TLPL 252 (spring only)	3
	<i>Total</i>	16		<i>Total</i>
Test of Basic Skills				
Year 3	Fall	Cr.	Spring	Cr.
Cumulative GPA of 2.75	Understanding Plural Societies (UP)	3	MATH 312	3
	Science Sequence V (AOSC - I-Series)	3	Science Sequence VI (Elective)	3
	Professional Writing (PW)	3	EDHD 436	3
	TLPL 462	3	EDHD 413	3
	TLPL 413	3	Understanding Plural Societies (UP)	3
Apply to the COE by December 1st.	<i>Total</i>	15	<i>Total</i>	15
Year 4	Fall	Cr.	Spring	Cr.
YEARLONG INTERNSHIP				
	MATH 315	3	TLPL 489E	12
	MATH 314	3	TLPL 424	2
	TLPL 420	3	TLPL 476	2
	TLPL 423	2	<i>Total</i>	16
	TLPL 475	2		
	TLPL 479E	1		
	EDCI 474	2		
	<i>Total</i>	16		
Total Degree Credits:				123

This is a proposed plan and the College of Education does not guarantee that these courses will be offered in the designated semester. Consult the *Schedule of Classes* for class availability and meeting times.

*** All students must complete two Distribute Studies courses that are approved for I-series courses. Students must complete Understanding Plural Society and Cultural Competence courses that may also fulfill a Distributive Studies category.**