

4 year sample plan of study for CMDA students					
Freshman Year					
Fall			Spring		
<u>course</u>		<u>credits</u>	<u>course</u>		<u>credits</u>
MATH 1225	Calculus	4	MATH 1226	Calculus	4
CS 1114	Intro to Programming	3	CS 2114	Software Desgin	3
CMDA 2984	Freshman Seminar	1	ENGL 1106	First Year Writing	3
ENGL 1105	First Year Writing	3		CLE area 4 course	4
	CLE area 2 course	3		CLE area 2 course	3
	total:	14		total:	17
Sophomore Year					
CMDA 2005	Int Quantitative Science	6	CMDA 2006	Int Quantitative Science	6
MATH 2114	Linear Algebra	3		CLE area 3 course	3
	CLE area 4 course	4		CLE area 6 course	3
	CLE area 3 course	3		CLE area 7 course	3
	total:	16		total:	15
Junior Year					
CMDA 3605	Mathematical Modeling	3	CMDA 3606	Mathematical Modeling	3
CMDA 3654	Intro Analytics & Visualization	3	CMDA 3634	CS Foundations for CMDA	3
	*Restricted Elective	3		*Restricted Elective	3
	Free Elective	3		Free Elective	3
	Free Elective	3		Free Elective	3
	total:	15		total:	15
Senior Year					
CMDA 4864	Capstone	3	CMDA 4654	Int Data Analytics & ML	3
	*Restricted Elective	3		*Restricted Elective	3
	Free Elective	3		Free Elective	4
	Free Elective	3		Free Elective	3
	Free Elective	3			
	total:	15		total:	13
TOTAL CREDITS:					120

*Make sure you plan which restricted electives you want to take in advance because some of them have prerequisites not already on this schedule.