

The following suggested schedule is based on full-time enrollment for students who do not require any 0-level coursework or other 100-level pre-requisite math courses to begin at the Math-170 level. This Completion Guide is for students interested in pursuing a major in Mathematics leading to a baccalaureate degree. Students should check with their transfer institution for specific requirements for their major. Requirements can vary between transfer institutions. Requirements can vary further if the student is pursuing Math Education (for middle grades or secondary education).

First Semester							
Course	Title	Credit Hours	Mode of Delivery	Pre Requisites	Term(s) Offered	Notes	
Math-170	Calculus with Analytical Geometry I	5	T,W,H	Appropriate placement score or minimum grade "C" in MATH 139 or MATH 142 or equivalent.	FL/SP/SM		
Eng 101	Rhetoric	3	T,W,H	Appropriate placement score or minimum grade "C" in one of the following: ENG 021 and ENG 099 ; ENG 022 and ENG 099 ; or the EAP course sequence ENG 079 and ENG 089 ; or ENG 096 .	FL/SP/SM	Must earn a "C" or better to meet degree requirements.	
Social Science Gen. Ed. Course	Refer to AA degree general education category for choices.	3	T,W,H	Varies by course	FL/SP/SM	3 Soc. Sci. courses required from 2 different areas for AA degree.	
Humanities Gen. Ed. Course	Refer to AA degree general education category for choices.	3	T,W,H	Varies by course	FL/SP/SM	Phil-104 Introduction to Logic is recommended.	
Total Semester Hours:		14					

Second Semester							
Course	Title	Credit Hours	Mode of Delivery	Pre Requisites	Term(s) Offered	Notes	
Math-171*	Calculus with Analytical Geometry II	4	T,W,H	Minimum grade "C" in MATH 170 or equivalent.	FL/SP/SM		
Eng 102	Rhetoric	3	T,W,H	Minimum grade "C" in ENG 101	FL/SP/SM	Must earn a "C" or better to meet degree requirements.	
Social Science Gen. Ed. Course	Refer to AA degree general education category for choices.	3	T,W,H	Varies by course	FL/SP/SM	3 Soc. Sci. courses required from 2 different areas for AA degree.	
Life Science	Refer to AA degree general education category for choices.	3-5	T,H	Varies by course	FL/SP/SM	AA degree requires one Life Science and one Physical Science. Of must be a lab (4-5 credits).	
Fine Arts Gen. Ed. Course	Refer to AA degree general education category for choices.	3	T,W		FL/SP/SM		
Total Semester Hours:		16-18					Depends on Life Science choices.

Third Semester							
Course	Title	Credit Hours	Mode of Delivery	Pre Requisites	Term(s) Offered	Notes	
Math-172*	Calculus with Analytical Geometry III	4	T,W,H	Minimum grade "C" in MATH 171 or equivalent.	FL/SP/SM		

Comm-101	Principles of Speech Communication	3	T,W,H	Placement testing into ENG 101 or minimum grade "C" in one of the following: ENG 021 and ENG 099; ENG.022 and ENG 099; or the EAP course sequence ENG 079 and ENG 089; or ENG 096.	FL/SP/SM	
Fine Arts or Humanities Gen. Ed. Course	Refer to AA degree general education category for choices.	3	T,W,H		FL/SP/SM	
Physical Science	Refer to AA degree general education category for choices.	3-5	T,W	Varies by course	FL/SP/SM	AA degree requires one Life Science and one Physical Science. Of must be a lab (4-5 credits).
IAI Elective	Choose from approved IAI Electives for the AA degree	3	T,W,H	Varies by course	FL/SP/SM	Consult with transfer instituion for suggestions based on major.
Total Semester Hours:		16-18				Depends on Physical Science choices.

Fourth Semester						
Course	Title	Credit Hours	Mode of Delivery	Pre Requisites	Term(s) Offered	Notes
Math-210*	Linear Algebra	4	T,W,H	Minimum grade "C" in MATH 172 or equivalent. Students may enroll concurrently in MATH 172.	FL/SP/SM	
Math-220*	Differential Equations and Orthogonal Functions	4	T,W,H	Minimum grade "C" in MATH 172 or equivalent.	FL/SP/SM	
Social Science Gen. Ed. Course	Refer to AA degree general education category for choices.	3	T,W,H	Varies	FL/SP/SM	3 Soc. Sci. courses required from 2 different areas for AA degree.
IAI Elective	Choose from approved IAI Electives for the AA degree	4	T,W,H	Varies by course	FL/SP/SM	The Math Dept. recommends a math breadth course like Math-128, Math-137, or Math 153.*
Total Semester Hours:		15				Depends on Language or Humanities choice.

* Confirm with transfer school that this is the recommended math course for the major intended after transfer.

For more information:

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