

MATHEMATICS GUIDED PATHWAY

Earn an Associate of Arts from York Technical College, and transfer to Winthrop University to earn your Bachelor of Science in Mathematics. The Mathematics program offers students the opportunity to learn to formalize patterns, present logical conclusions succinctly and apply their quantitative knowledge in a variety of settings. Students can tailor their educational experience to a variety of post-graduation options, including secondary education, graduate education and nonacademic careers. Students have the opportunity to further explore advanced mathematical theory through undergraduate research and internships.

11/24

TERM 1 at York Technical College		
Course		√
COL 101: College Orientation	1	
ENG 101: English Composition I	3	
MAT 112: PreCalculus	5	
ENG 102: English Composition II	3	
PSC 201: American Government	3	
Total credits:	15	

TERM 2 at York Technical College		
Course		√
Bio 101: Biological Sciences I	4	
ENG 208: World Literature I	3	
MAT 140: Analytical Geometry and Calculus	4	
SPA 101: Elementary Spanish I	4	
Total credits:	15	

TERM 3 at York Technical College		
Course		√
Bio 102: Biological Sciences II	4	
MAT 141: Analytical Geometry and Calculus II	4	
PSY 201: General Psychology	3	
SPA 102: Elementary Spanish II	4	
Total credits:	15	

TERM 4 at York Technical College		
Course		√
ART 101: Art History and Appreciation	3	
HIS 102: Western Civilization post 1689	3	
HIST 201: American History to 1877	3	
SOC 101: Introduction to Sociology	3	
CPT 101: Introduction to Computers	3	
Total credits:	15	

TERM 5 at Winthrop University		
Course		√
HXCT 301: Human Experience/ Critical Reading, Thinking and Writing	3	
MATH 310: Mathematical Reasoning	3	
MATH 341: Statistical Methods	3	
MAED 200: Introduction to Mathematica	1	
Minor/ Elective	3	
Minor/ Elective	3	
Total credits:	16	

TERM 6 at Winthrop University		
Course		√
CSCI 151: Overview of Computer Science	3	
MATH 370: Mathematical Modeling	3	
MATH 351: Intro to Modern Algebra	3	
Minor/ Elective	3	
Minor/ Elective	3	
Total credits:	15	

TERM 7 at Winthrop University		
Course		√
CSCI 207: Overview of Computer Science	4	
MATH 300: Linear Algebra	3	
MATH 301: Calculus III	4	
PE	1	
Minor/Elective	3	
Total credits:	15	

TERM 8 at Winthrop University		
Course		√
MAED 400: Assessment Capstone	0	
MATH 400: Senior Seminar	3	
MATH Elective	3	
Minor/Elective	3	
Minor/Elective	3	
Minor/Elective	3	
Total credits:	15	

Advising Topics (at York Tech)	Term 1	Term 2	Year 1	Term 3	Term 4	Year 2
Monitor York Tech e-mail	*	*		*	*	
Schedule/ attend advising appointment & register for next semester classes through Navigate. https://yorktech.navigate.eab.com	*	*		*	*	
Build academic plan in Navigate Planner	*					
Create profile in the WU Credit Transfer Evaluator https://winthrop.transfer.degree/app/index.html	*					
Add YTC courses to WU Credit Transfer Evaluator to monitor degree progress	*	*		*	*	
Complete FAFSA. (YTC Code: 003996)			*			*
Maintain a cumulative GPA of 3.0 or higher to be eligible for WU transfer scholarships. Maintain 3.0 & 30 credit-hours for LIFE Scholarship	*		*			*
Apply for YTC scholarships www.yorktech.edu/Scholarships/			*			*
Attend WU Transfer Information Session https://www.winthrop.edu/admissions/visit-the-campus.aspx				*	*	
The semester before you plan to transfer to WU, complete the WU Transfer Application (apply.winthrop.edu/apply) and send your unofficial YTC transcript to WU					*	
Apply for YTC graduation					*	
When your final grades are posted for your last YTC classes, send your official transcript to WU.					*	
Advising Topics (at Winthrop)	Term 5	Term 6	Year 3	Term 7	Term 8	Year 4
Monitor Winthrop e-mail	*	*		*	*	
Schedule and attend advising appointment	*	*		*		
Declare a minor if applicable	*					
Review interim grades	*	*		*	*	
Track use of S/U and repeat options	*	*		*	*	
Track cultural events	*	*		*	*	
Maintain a 3.0 or higher GPA & 30 credit-hours per year for LIFE Scholarship			*			*
Complete HXCT 301 with a grade of C- or better			*			
Register for next semester classes	*	*		*		
Monitor progress on 40 credit hours above 299		*		*		
Monitor degree progress in Degree Works	*	*		*	*	
Apply online for graduation				*		