

BIOLOGY GUIDED PATHWAY

Science and Health Meta-Major

Earn an Associate of Science in the Science and Health Meta-Major from York Technical College and transfer to Winthrop University to earn your Bachelor of Science in Biology. The Biology major is frequently chosen by students with career interests related to medicine, environmental science, biological research and teaching secondary education in the sciences. Qualified Winthrop students in biology are accepted for postgraduate study in many fields, including medicine, dentistry, veterinary medicine, physical therapy, physiology, microbiology, ecology, botany, zoology and medical technology.

TERM 1 at York Technical College		
Course		√
COL 101: College Orientation	1	
ENG 101: English Composition I	3	
BIO 101: Biological Sciences I	4	
ENG 102: English Composition II	3	
BIO 225: Microbiology	4	
Total credits:	15	

TERM 2 at York Technical College		
Course		√
MAT 112: Precalculus	5	
ENG 208: World Literature I	3	
SPA 101: Elementary Spanish I	4	
PSC 201: American Government	3	
Total credits:	15	

TERM 3 at York Technical College		
Course		√
CHM 110: College Chemistry I	4	
CHM 111: College Chemistry II	4	
SPA 102: Elementary Spanish II	4	
PSY 201: General Psychology	3	
Total credits:	15	

TERM 4 at York Technical College		
Course		√
ART 101: Art History and Appreciation	3	
HIS 102: Western Civilization post 1689	3	
HIS 201: American History to 1877	3	
MAT 120: Probability and Statistics	3	
SOC 101: Introduction to Sociology	3	
Total credits:	15	

TERM 5 at Winthrop University		
Course		√
BIOL 300: Scientific Process in Biology	4	
BIOL 316, or 317: Principles of Human Genetics, Genetics	3 or 4	
HXCT 301: Human Experience/ Critical Reading, Thinking and Writing	3	
Math/Science Area E	3 or 4	
Total credits:	13-15	

TERM 6 at Winthrop University		
Course		√
BIOL 491: Departmental Seminars	0	
BIOL Area A	3 or 4	
BIOL Area B	3 or 4	
Math/Science Area E	3 or 4	
Total credits:	9-12	

TERM 7 at Winthrop University		
Course		√
BIOL 492: Departmental Seminars	0	
BIOL Area C	3 or 4	
BIOL Area A, B, or C	3 or 4	
Math/Science Area E	3 or 4	
Physical Activity	1	
Total credits:	10-13	

TERM 8 at Winthrop University		
Course		√
BIOL 480:	3	
BIOL Area D	3 or 4	
BIOL Area D	3 or 4	
BIOL Area D (if necessary to reach 42 hrs in BIOL)	3 or 4	
Total credits:	12-15	

Area A (Ecology and Evolution) = BIOL 302, 314, 323, 340, 403, 405, 407, 507, 513, 542, 551, 552A or B

Area B (Cell and Molecular Biology) = BIOL 315, 321, 422, 517, 519, 522, 528, 529, 532, 539, 555, 560

Area C (Biodiversity and Organismal Biology) = BIOL 303, 304, 305, 306, 309, 310, 311, 505, 508, 510, 511, 518, 524, 525, 526

Area D (Biology Electives) = BIOL 307, 308, 371, 440, 450H, 460, 461, 463, 471, 472, 530, 540, 570

Area E = MATH 101, 105, 141, 150, 151, 201, 341, or any MATH course with 201 as the prerequisite (except the MATH course used to satisfy the Quantitative Skills Area); CHEM (any course above 199 except 461, 462, or 463); PHYS (except 101/102); GEOL; GEOG 305, 308, 320 or 501 (only one may be applied toward credit in the major) and QMTH 205, 206 (if MATH 141 not selected)

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				*		