

DURHAM TECHNICAL COMMUNITY COLLEGE

PLAN OF STUDY AND ADVISING GUIDE

SCIENCE AND MATH

Catalog/Academic Year 2024-2025

Revised Fall 2024

Associate in Science Teacher Preparation
Degree (A1040T)

For more information, please see these links:

- [Uniform Articulation Agreement](http://www.nccommunitycolleges.edu/academic-programs-college-transferarticulation-agreements) (Teacher Preparation), which explains policies regarding transfer of credits (www.nccommunitycolleges.edu/academic-programs-college-transferarticulation-agreements)
- [Baccalaureate Degree Plans](http://www.northcarolina.edu/Transfer-Students/NC-Community-College-Transfer), which show a four-year course plan suggested by the four-year universities (www.northcarolina.edu/Transfer-Students/NC-Community-College-Transfer)
- [Course Substitution Policies](http://durhamtech.edu/policies-and-procedures/course-waiver) (durhamtech.edu/policies-and-procedures/course-waiver)
- Students must complete all courses with a C or better and a minimum 2.7 GPA.

Below is a **suggested** schedule for full-time students beginning their degree in the fall semester. The order of courses and number taken per term will vary according to the needs of the individual student.

Developmental courses (ENG 002 and/or MAT 003) may be required based on college placement and course requisites.

FIRST SEMESTER

Session A	Session B	16 Weeks	Course	Credit Hours
X			ACA 122 College Transfer Success	1
		X	EDU 187 Teaching and Learning for All	4
X	X	X	ENG 111 Writing and Inquiry	3
X	X	X	UGETC Mathematics	4
X	X	X	UGETC Natural Sciences (first in sequence)	4
			TOTAL CREDIT HOURS	16

SECOND SEMESTER

Session A	Session B	16 Weeks	Course	Credit Hours
X			EDU 216 Foundations of Education	3
X	X		ENG 112 Writing/Research in the Disciplines	3
X	X	X	UGETC Mathematics	4
X	X	X	UGETC Natural Sciences (second in sequence)	4
			TOTAL CREDIT HOURS	14

THIRD SEMESTER

Session A	Session B	16 Weeks	Course	Credit Hours
X	X	X	Additional General Education	3
	X		EDU 250 Teacher Licensure Preparation	3
X	X		SOC 225 Social Diversity	3
X	X		UGETC Communications and Humanities/Fine Arts	3
X	X		UGETC Social/Behavioral Sciences	3
			TOTAL CREDIT HOURS	15

FOURTH SEMESTER

Session A	Session B	16 Weeks	Course	Credit Hours
X	X	X	Additional General Education	3
X	X	X	Additional General Education	3
X	X	X	Additional General Education	3
		X	EDU 279 Literacy Develop and Instruct	4
X	X		UGETC Communications and Humanities/Fine Arts (PHI or 200-Level ENG)	3
			TOTAL CREDIT HOURS	16

MINIMUM SEMESTER HOURS REQUIRED FOR ASTP DEGREE

60

Use the guide below to select and track courses for the plan of study.

General Education: 45 SHC

Universal General Education Transfer Component (UGETC): 31 SHC

(All UGETC will transfer for equivalency credit)

English Composition (6 SHC)	SHC	SEM	Grade
ENG 111 Writing and Inquiry <i>(Prereq: ENG 002 Tier 1)</i>	3		
ENG 112 Writing/Research in the Disciplines <i>(Prereq: ENG 111)</i>	3		

UGETC Communications and Humanities/Fine Arts (6 SHC)	SHC	SEM	Grade
Choose from ART 111, ART 114, ART 115, COM 120, COM 231, DRA 111, MUS 110, MUS 112 <i>(Prereq: ENG 002 Tier 1)</i>	3		
PHI or 200-Level ENG: Choose from ENG 231, ENG 232, ENG 241, ENG 242, PHI 215, PHI 240 <i>(Prereq: ENG-ENG 112, ENG 113, or ENG 114; PHI – ENG 111)</i>	3		

UGETC Social/Behavioral Sciences (3 SHC)	SHC	SEM	Grade
Choose from ECO 251, ECO 252, HIS 111, HIS 112, HIS 131, HIS 132, POL 120, PSY 150, SOC 210 <i>(Prereqs: ECO 251 & 252- ENG 002 Tier 1 and MAT 003 Tier 1; Others – ENG 002 Tier 1)</i>	3		

UGETC Mathematics (8 SHC)	SHC	SEM	Grade
Choose TWO courses from one of the following groups of courses: Group 1- MAT 171, MAT 172, MAT 263, MAT 272; OR Group 2- MAT 171, MAT 172, MAT 271, MAT 272 <i>(Prereqs: MAT 171 – MAT 003 Tier 2 or MAT 121; MAT 172 – MAT 171; MAT 263 – MAT 171 or MAT 175; MAT 271 – MAT 172 or MAT 175; MAT 272 – MAT 271)</i>	4		
Take the second course from the same group as your first course from the above Mathematics list.	4		

UGETC Natural Sciences (8 SHC)	SHC	SEM	Grade
Choose from BIO 111 and BIO 112, CHM 151 and CHM 152; PHY 151 and PHY 152, or PHY 251 and PHY 252 <i>(Prereq: BIO 111 & CHM 151 – ENG 002 Tier 1 and MAT 003 Tier 2; PHY 151 – ENG 002 Tier 1, MAT 171 and 172 or MAT 271; PHY 251 – ENG 002 Tier 1 and MAT 271, corequisite of MAT 272)</i>	4		
Take the second course in the Natural Science sequence you started above <i>(Prereq: BIO 112 – BIO 111; CHM 152 – CHM 151; PHY 152 – PHY 151; PHY 252 – PHY 251 and MAT 272)</i>	4		

Total UGETC SHC Completed: _____

Additional General Education Hours (14-15 SHC)

Course	Comments	SHC	SEM	Grade
Other Req	SOC 225 Social Diversity	3		
Additional Courses	Choose from any course above or from the following: ANT 210, ANT 220, ART 117, AST 151/151A, BIO 110, BIO 140/140A, CHM 131/131A, CHM 132, CIS 110, GEO 111, GEL 111, GEL 230, HUM 110, HUM 115, HUM 120, HUM 150, HUM 160, MAT 152, MAT 273, PHY 110/110A, POL 220, PSY 241, PSY 281, REL 110, SOC 220 <i>(Prerequisites/corequisites vary – consult with advisor or check course description on Durham Tech website)</i>	11-12		

Course	Comments	SHC	SEM	Grade

Other Required Hours (15 SHC)

Course	Comments	SHC	SEM	Grade
Academic Transition	ACA 122 College Transfer Success <i>(Prereq: None. This course should be taken in the student's first semester.)</i>	1		
Education	EDU 187 Teaching and Learning for All	4		
Education	EDU 216 Foundations of Education	3		
Education	EDU 250 Teacher Licensure Preparation <i>(Prereq: ENG 111 and MAT 143, MAT 152, or MAT 171)</i>	3		
Education	EDU 279 Literacy Develop and Instruct	4		

Total Associate in Science in Teacher Preparation SHC Completed (Minimum 60 SHC): _____