DURHAM TECHNICAL COMMUNITY COLLEGE
PLAN OF STUDY AND ADVISING GUIDE

Revised Fall 2022

SCIENCE AND MATH

Catalog/Academic Year 2023-2024

Associate in Science Degree (A10400)

For more information, please see these links:

- Comprehensive Articulation Agreement, which explains policies regarding transfer of credits (www.nccommunitycolleges.edu/academic-programs-college-transferarticulation-agreements)
- Baccalaureate Degree Plans, 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 (durhamtech.edu/policies-and-procedures/course-waiver)

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 may be required based on college placement and course requisites.

FIRST SEMESTER

Session A	Session B	16 Weeks	Course	Credit Hours
X	X		ACA 122 College Transfer Success	1
X	X	X	ENG 111 Writing and Inquiry	3
X	X	X	Foreign Language I (if needed)	4
		X	UGETC Mathematics	4
		X	UGETC Natural Sciences (first in sequence)	4
			TOTAL CREDIT HOURS	16

SECOND SEMESTER

Session A	Session B	16 Weeks	Course	Credit Hours
X	X		ENG 112 Writing/Research in the Disciplines	3
X	X	X	Foreign Language II	4
		X	UGETC Mathematics	4
		X	UGETC Natural Sciences (second in sequence)	4
			TOTAL CREDIT HOURS	15

THIRD SEMESTER

Session A	Session B	16 Weeks	Course	Credit Hours
X	X	X	General Education Math/Science	4
X	X	X	Pre-Major Elective	3-4
X	X		UGETC Communications and Humanities/Fine Arts	3
X	X		UGETC Social/Behavioral Sciences	3
			TOTAL CREDIT HOURS	13-14

FOURTH SEMESTER

Session A	Session B	16 Weeks	Course	Credit Hours
X	X	X	General Education Math/Science	4
X	X	X	Pre-Major Elective	3
X	X	X	Pre-Major Elective	3
X	X		UGETC Communications and Humanities/Fine Arts (PHI or 200-Level ENG)	3
X	X		UGETC Social/Behavioral Sciences	3
			TOTAL CREDIT HOURS	16

MINIMUM SEMESTER HOURS REQUIRED FOR AS 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): 34 SHC

(All UGETC will transfer for equivalency credit)

English Composition (6 SHC)	SHC	SEM	Grade
ENG 111 Writing and Inquiry *(Prereq: ENG 002 Tier 1)*	3		
ENG 112 Writing/Research in the Disciplines *(Prereq: ENG 111)*	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 *(Prereq: ENG 002 Tier 1)*	3		
PHI or 200-Level ENG: Choose from ENG 231, ENG 232, ENG 241, ENG 242, PHI 215, PHI 240 *(Prereq: ENG-ENG 112, ENG 113, or ENG 114; PHI – ENG 111)*	3		

UGETC Social/Behavioral Sciences (6 SHC)	SHC	SEM	Grade
HIS: Choose from HIS 111, HIS 112, HIS 131, HIS 132 *(Prereq: ENG 002 Tier 1)*	3		
Choose from ECO 251, ECO 252, POL 120, PSY 150, SOC 210 *(Prereqs: ECO 251 & 252- ENG 002 Tier 1 and MAT 003 Tier 1; Others – ENG 002 Tier 1)*	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 *(Prereqs: MAT 171 – MAT 003 Tier 2 or MAT 121; MAT 172 & MAT 263 – MAT 171; MAT 271 – MAT 172; MAT 272 – MAT 271)*	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 *(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)*	4		
Take the second course in the Natural Science sequence you started above *(Prereq: BIO 112 – BIO 111; CHM 152 – CHM 151; PHY 152 – PHY 151; PHY 252 – PHY 251 and MAT 272)*	4		

Total UGETC SHC Completed: _____

Additional General Education Hours (11 SHC)

Course	Comments	SHC	SEM	Grade
Foreign Language II	Take at the 112-level or higher. Choose from ARA, ASL, FRE, GER, or SPA. (Students who receive a Foreign Language requirement waiver must take an additional Social/Behavioral Science or Humanities/Fine Arts course.) *(Prereqs: ENG 002 Tier 1; the same language at the 111-level or placement into 112 or higher)*	3		
Additional Math or Science	Choose **TWO** from any Math or Science course listed above or from AST 151/151A, BIO 110, BIO 140/140A, CHM 131/131A, CHM 132, GEL 111, GEL 230, MAT 152, MAT 273, PHY 110/110A *(Prerequisites/corequisites vary – consult with advisor or check course description on Durham Tech website)*	4		

Course	Comments	SHC	SEM	Grade
Additional Math or Science		4		

Other Required Hours (15 SHC)

(Student should consult with his or her advisor to complete, based on the requirements of the selected receiving institution and the student's intended major.)

Course	Comments	SHC	SEM	Grade
Academic Transition	ACA 122 College Transfer Success *(Prereq: None. **This course should be taken in the student's first semester.**)*	1		
Foreign Language I	111-level if student has not met the prerequisite for the 112-level *(Prereq: ENG 002 Tier 1)*	0-3		
Language Labs	Lab credits for sections 181 and/or 182 may be counted here *(Prereq: ENG 002 Tier 1; Coreq: Labs must be taken with corresponding lectures 111 or 112)*	0-2		
Additional Course(s)	**Choose from any course listed above or the following:** ACC 120, ACC 121, ANT 210, ANT 220, ARA 211, ART 117, ART 121, ART 122, ART 131, ART 132, ART 135, ART 171, ART 215, ART 222, ART 240, ART 244, ART 281, ART 283, ASL 211, BIO 155, BIO 163, BIO 168, BIO 169, BIO 250, BIO 271, BIO 275, BIO 280, BUS 110, BUS 115, BUS 137, CHM 251, CHM 252, CHM 271, CIS 110, CJC 111, CJC 113, CJC 121, CJC 141, CJC 212, CSC 134, CSC 151, CSC 251, COM 150, CTS 115, DFT 170, EDU 131, EDU 144, EDU 145, EDU 216, EDU 221, EGR 150, EGR 220, ENG 273, FRE 211, GEO 111, GER 211, HEA 110, HUM 110, HUM 115, HUM 120, HUM 150, HUM 160, HUM 180, JOU 216, JOU 217, MAT 143, MAT 280, MAT 285, MUS 141, MUS 142, MUS 241, MUS 242, PED 110, POL 220, PSY 241, PSY 259, PSY 281, REL 110, SOC 220, SOC 225, SPA 211, SPA 212, SPA 221, SPA 231, *WBL 111, WBL 121* (see **Notes** regarding WBL) *(Prerequisites/corequisites vary – consult with advisor or check course description on Durham Tech website)*			
Additional Course				
Additional Course				
Additional Course				
Additional Course				

Notes: Students will receive General Education credit for only one of the courses listed in the following groups of two courses: MAT 263 and MAT 271; BIO 110 and BIO 111; PHY 151 and PHY 251; or PHY 152 and PHY 252. The second course will appear as credit in "Other Required Hours." Students may use only one PED course toward satisfying "Other Required Hours." WBL 111 and 121 are not transferable courses; therefore, students who elect to take WBL will need to graduate with more than 60 hours.

Total Associate in Arts SHC Completed (Minimum 60 SHC): _____