

2011-2012 Program Advising Guide

Department of Mathematics
 Mathematics Building, Room 142
 Telephone: (254) 968-9168
<http://www.tarleton.edu/~math>

Bachelor of Science in Mathematics Without Teacher Certification

Freshman Year				
Fall Semester	Hours		Spring Semester	Hours
ENGL 111 ^a	3		ENGL 112 ^a	3
MATH 120 ^b	4		MATH 209	4
HLTH 101	2		MATH 232	3
Approved CS elective ^c	3		Social & Behavioral Sci. ⁱ	3
MATH 310	3		Communications ^g	3
Total	15		Total	16

Sophomore Year				
Fall Semester	Hours		Spring Semester	Hours
MATH 311	3		MATH 306	3
MATH 333	4		MATH 332	3
PHYS 122	4		Lab science ^d	3
Support field ^e	3		Support field ^e	3
			Sophomore Literature	3
Total	14		Total	15

Junior Year				
Fall Semester	Hours		Spring Semester	Hours
MATH 432	3		MATH 411	3
Advanced MATH elective ^f	3		Advanced CS elective	3
Support field ^e	3		Support field ^e	3
Advanced Support field ^e	3		Advanced Support field ^e	3
HIST 201	3		HIST 202	3
Total	15		Total	15

Senior Year				
Fall Semester	Hours		Spring Semester	Hours
MATH 409	3		Advanced MATH elective ^f	3
Advanced Support Field ^e	3		Advanced Support field ^e	3
POLS 201	3		Visual & Perf. Arts elect. ^h	3
Advanced MATH elective ^f	3		POLS 202	3
Elective	3		Elective	3
Total	15		Total	15

Notes:

- a. **English:** Students will be placed into English courses in accordance with the University’s Placement and Continuing Enrollment Rules. Students must enroll in English during their first semester at Tarleton and every regular semester thereafter until the freshman English core curriculum requirement [i.e., ENGL 111 & 112] has been satisfied.
- b. **Mathematics:** Students will be placed into mathematics courses in accordance with the University’s Placement and Continuing Enrollment Rules. Students must enroll in mathematics during their first semester at Tarleton unless they are eligible for placement into college-level mathematics [MATH 107 or higher]. Students eligible for placement into college-level mathematics may choose to postpone initial mathematics enrollment until their second regular semester at Tarleton. Following initial mathematics enrollment, students must enroll in mathematics every regular semester thereafter until the freshman mathematics core curriculum requirement [MATH 107 or higher] has been satisfied.
- c. CS 101 (Introduction to Computer Science) is typically taken during the first fall semester to satisfy this requirement. An appropriate course should be selected in consultation with the academic advisor.
- d. PHYS 242 is strongly recommended. An appropriate course should be selected in consultation with the academic advisor.
- e. Support field should be selected in consultation with the academic advisor and requires approval of the department head.
- f. Advanced MATH electives may be chosen from: MATH 301, 360, 420, 488 and 490.
- g. Courses that meet the Communications requirement include: COMS 101, 102, or 301.
- h. Courses that meet the Visual & Performing Arts elective requirement are listed in the university catalog.
- i. Courses that meet the Social and Behavioral Sciences elective requirement are listed in the university catalog. CS majors are encouraged to take ENGR 303 to satisfy this requirement.