

MATHEMATICS (BA)

School of Natural Sciences and Mathematics



2019-2020 Transfer Plan using the Texas Common Course Numbering System

This transfer plan is intended as a *general* guide for UT DALLAS' lower-division major requirements and Core Curriculum requirements.

Please consult the current online UT DALLAS catalog for complete degree plan requirements.

<http://catalog.utdallas.edu/2019/undergraduate/programs>

If you believe you have completed a **Field of Study (FOS) program** in this major at a Texas Public Community College, email the UTD Office of the Registrar:

records@utdallas.edu.

UT DALLAS REQUIREMENT		TCCNS COURSE EQUIVALENT**
I. UT DALLAS CORE CURRICULUM REQUIREMENTS: 42 semester credit hours		
Communication: 6 semester credit hours		010 Core Code
COMM 1311 Survey of Oral & Technology-based Communication RHET 1302 Rhetoric		SPCH 1311 ENGL 1302* <i>*(ENGL 1301 is prerequisite to ENGL 1302 and must be completed prior to taking ENGL 1302. ENGL 1301 can be used to satisfy three semester credit hours of the Communication Core Curriculum requirement.)</i>
Mathematics: 3 semester credit hours		020 Core Code
MATH 2417* Calculus I (Accelerated) or MATH 2413* Differential Calculus <i>*(MATH 2417 or MATH 2413 is a required major preparatory course - noted in Section II below - that also fulfills the three-semester-credit-hour Mathematics Core Curriculum requirement. Semester credit hours are counted in Core curriculum.)</i>		N/A or MATH 2413 or 2313
Life and Physical Sciences: 6 semester credit hours		030 Core Code
PHYS 2325* Mechanics PHYS 2326* Electromagnetism and Waves <i>*(PHYS 2325 and PHYS 2326 are required major preparatory courses - noted in Section II below - that also fulfill the six-semester-credit-hour Life and Physical Sciences Core Curriculum requirement. Semester credit hours are counted in Core Curriculum.)</i>		PHYS 2325 or 2425 PHYS 2326 or 2426
Language, Philosophy, and Culture: 3 semester credit hours		040 Core Code
HUMA 1301 Exploration of the Humanities		HUMA 1301 <i>Or: select 3 semester credit hours from other TCCNS core options: ENGL 2321, ENGL 2322, ENGL 2323, ENGL 2326, ENGL 2327, ENGL 2328, ENGL 2331, ENGL 2332, ENGL 2333, HIST 2311, HIST 2312, HIST 2321, HIST 2322, PHIL 1301, PHIL 1304, PHIL 2306, PHIL 2307, PHIL 2316.</i>
Creative Arts: 3 semester credit hours		050 Core Code
ARTS 1301 Exploration of the Arts		ARTS 1301 <i>Or: select 3 semester credit hours from other TCCNS core options: ARCH 1301, ARCH 1302, ARTS 1303, ARTS 1304, DANC 1305, DANC 2303, DRAM 1310, DRAM 2361, DRAM 2362, DRAM 2366, HUMA 1315, MUSI 1306, MUSI 1308, MUSI 1309.</i>
American History: 6 semester credit hours		060 Core Code
Texas Legislative Mandate Choose two courses from the following: HIST 1301 US History Survey to Civil War HIST 1302 US History Survey from Civil War HIST 2301 History of Texas HIST 2381 African-American History		HIST 1301 HIST 1302 HIST 2301 HIST 2381
Government/Political Science: 6 semester credit hours		070 Core Code
Texas Legislative Mandate* GOVT 2305 American National Government GOVT 2306 State and Local Government <i>*The six-semester-credit-hour government course mandate requires study of the Constitution of the United States and the Constitution of Texas. (See UT DALLAS Departmental Advisor if you have questions)</i>		GOVT 2305 GOVT 2306
Social and Behavioral Sciences: 3 semester credit hours		080 Core Code
Choose one course from the following: CRIM 1301 Introduction to Criminal Justice CRIM 1307 Introduction to Crime and Criminology ECON 2301 Principles of Macroeconomics ECON 2302 Principles of Microeconomics PSY 2301 Introduction to Psychology PSY 2314 Lifespan Development SOC 1301 Introduction to Sociology		CRIJ 1301 CRIJ 1307 ECON 2301 ECON 2302 PSYC 2301 PSYC 2314 SOCI 1301 <i>Or: select 3 semester credit hours from other TCCNS core options: ANTH 2302, ANTH 2346, ANTH 2351, ECON 1301, GEOG 1302, GEOG 1303, PSYC 2307, PSYC 2308, PSYC 2316, PSYC 2319, SOCI 1306, SOCI 2301, SOCI 2326, SOCI 2336.</i>

UT DALLAS REQUIREMENT	TCCNS COURSE EQUIVALENT**
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Component Area Option: 6 semester credit hours	090 Core Code
MATH 2417* and MATH 2419* or MATH 2413* and MATH 2414* and MATH 2415* PHYS 2125*	N/A N/A or MATH 2413 or 2313 and MATH 2414 or 2314 and MATH 2415 or 2315 PHYS 2125 or lab of 2425
<p><i>*(MATH 2417 and 2419, or MATH 2413, 2414, and 2415, and PHYS 2125 are required major preparatory courses - noted in Section II below - that also fulfill the six-semester-credit-hour Component Area Option Core Curriculum requirement.</i></p> <p><i>Semester credit hour are counted in Core Curriculum.)</i></p>	

II. UT DALLAS MAJOR REQUIREMENTS: 49-50 semester credit hours

Major Preparatory Courses: 19-20 semester credit hours beyond Core Curriculum	
MATH 2306 MATH 2370 or CS 1325 or CS 1337 MATH 2417 and MATH 2419 or MATH 2413 and MATH 2414 and MATH 2415 MATH 2418 MATH 2420 MATH 2451 PHYS 2325/2125 PHYS 2326/2126	N/A N/A N/A COSC 1337 or 1437 N/A N/A or MATH 2413 or 2313 and MATH 2414 or 2314 and MATH 2415 or 2315 MATH 2418 or 2318 MATH 2420 or 2320 N/A PHYS 2325/2125 or 2425 PHYS 2326/2126 or 2426
<p>(See UT DALLAS Departmental Advisor for upper-division course requirements)</p>	

III. UT DALLAS ELECTIVE REQUIREMENTS: 28-29 semester credit hours

Free Electives:
<p>Both lower-division and upper-division courses may count as electives.</p> <p>Students must complete at least 51 semester credit hours of upper-division courses to qualify for graduation.</p> <p>(See UT DALLAS Departmental Advisor)</p>

A MINIMUM OF 120 SEMESTER CREDIT HOURS IS REQUIRED FOR GRADUATION WITH AT LEAST 51 UPPER-DIVISION SEMESTER CREDIT HOURS.

**PLEASE NOTE:
<p>Transfer Core options listed reflect the TCCNS courses only, as approved at UT DALLAS.</p> <p>Other Texas public colleges or universities may individually interpret some TCCNS courses in a different core category, which UT DALLAS will honor. Check with a UT DALLAS academic advisor to verify this.</p> <p>Other courses that may potentially qualify for core requirements must be approved by a UT DALLAS academic advisor or the department housing the student's major.</p> <p><i>Completion of the entire Core Curriculum at another Texas public college or university will substitute for completion of UT DALLAS' Core Curriculum.</i></p> <p>TCCNS courses in Field of Study (FOS) programs will transfer to UT DALLAS.</p> <p>UT DALLAS does not accept vocational or technical courses in certificate or applied science programs, nor Workforce Education (WECM) courses, nor developmental courses.</p>