### UT DALLAS REQUIREMENTS

**I. UT DALLAS CORE CURRICULUM REQUIREMENTS: 42 semester credit hours**

**Communication:** 6 semester credit hours

<table>
<thead>
<tr>
<th>UT DALLAS REQUIREMENT</th>
<th>TCCNS COURSE EQUIVALENT**</th>
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<tbody>
<tr>
<td>COMM 1311</td>
<td>Survey of Oral &amp; Technology-based Communication</td>
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<tr>
<td>RHET 1302</td>
<td>Rhetoric</td>
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**Mathematics:** 3 semester credit hours

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<td>MATH 2417* (Recommended)</td>
<td>Calculus I (Accelerated)</td>
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<td>or MATH 2413* (Required)</td>
<td>Differential Calculus</td>
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**Life and Physical Sciences:** 6 semester credit hours

Select 6 semester credit hours from TCCNS core options:

- BIOL 1306-1106, BIOL 1307-1107, BIOL 1308-1108, BIOL 1309-1109, BIOL 1311-1111
- BIOL 1313-1113, BIOL 1406, BIOL 1407, BIOL 1408, BIOL 1409, BIOL 1411, BIOL 1413
- BIOL 2301-2101, BIOL 2302-2102, BIOL 2306-2106, BIOL 2316-2116
- BIOL 2320-2120, BIOL 2321-2121, BIOL 2401, BIOL 2402, BIOL 2404, BIOL 2406, BIOL 2416, BIOL 2420, BIOL 2421
- CHEM 1305-1105, CHEM 1307-1107, CHEM 1311, CHEM 1312
- CHEM 1405, CHEM 1406, CHEM 1407, CHEM 1411, CHEM 1412
- GEOL 1301-1101, GEOL 1302-1102, GEOL 1303-1103, GEOL 1304-1104, GEOL 1305-1105
- GEOL 1345-1145, GEOL 1347, GEOL 1401, GEOL 1402, GEOL 1403, GEOL 1404, GEOL 1405, GEOL 1445, GEOL 1447
- PHYS 1301, PHYS 1302, PHYS 1305-1105, PHYS 1307-1107, PHYS 1310-1110
- PHYS 1311-1111, PHYS 1312-1112, PHYS 1315-1115, PHYS 1317-1117, PHYS 1401, PHYS 1402, PHYS 1405, PHYS 1407, PHYS 1410, PHYS 1411, PHYS 1412, PHYS 1415, PHYS 1417, PHYS 2325-2125, PHYS 2326, PHYS 2425, PHYS 2426

**Language, Philosophy, and Culture:** 3 semester credit hours

Choose one course from the following:

- HUMA 1301 Exploration of the Humanities
- LIT 2331 Masterpieces of World Literature
- PHIL 1301 Introduction to Philosophy
- PHIL 2316 History of Philosophy 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 2332, ENGL 2333, HIST 2311, HIST 2312, HIST 2321, HIST 2322, PHIL 1304, PHIL 2303, PHIL 2306, PHIL 2307.

**Creative Arts:** 3 semester credit hours

Choose one course from the following:

- ARTS 1301 Exploration of the Arts
- AHST 1303 Survey/Western Art History: Ancient-Medieval
- AHST 1304 Survey/Western Art History: Renaissance-Modern
- AHST 2331 Understanding Art
- DANC 1310 Understanding Dance
- DRAM 1310 Understanding Theater
- FILM 2332 Understanding Film
- MUSI 1306 Understanding Music

Or: select 3 semester credit hours from other TCCNS core options:

- ARCH 1301, ARCH 1302, DRAM 2361, DRAM 2362, HUMA 1315, MUSI 1308, MUSI 1309.
### II. UT DALLAS MAJOR REQUIREMENTS: 48-54 semester credit hours

**Major Preparatory Courses:**
- CGS 2301: Cognitive Science
- CS 1337: Computer Science I
- MATH 2417: Calculus I (Accelerated)
- MATH 2418: Linear Algebra
- MATH 2419: Calculus II (Accelerated)
- MATH 2414: Integral Calculus
- PSY 2301: Introduction to Psychology
- PSY 2317: Statistics for Psychology
- or CS 3341: Probability & Statistics in Comp Sci & Software Engr

**Additional Lower-Division Preparatory Courses for All/Computational Modeling Area (6 semester credit hours):**
- CS 2305: Discrete Mathematics for Computing I
- CS 2336: Computer Science II

(See UT DALLAS Departmental Advisor for upper-division course requirements)

### III. UT DALLAS ELECTIVE REQUIREMENTS: 24-30 semester credit hours

**Free Electives:**
Students are encouraged to explore areas of concentration in Cognitive Science, Psychology, and Neuroscience as well as explore interests outside the field. Students must complete at least 51 semester credit hours of upper-division courses to qualify for graduation. (See UT DALLAS Departmental Advisor)

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

**PLEASE NOTE:**
Transfer Core options listed reflect the TCCNS courses only, as approved at UT DALLAS. 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. 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. Completion of the entire Core Curriculum at another Texas public college or university will substitute for completion of UT DALLAS' Core Curriculum. UT DALLAS does not accept vocational or technical courses in certificate or applied science programs, nor Workforce Education (WECM) courses, nor developmental courses.