UT DALLAS REQUIREMENT | TCCNS COURSE EQUIVALENT**
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### I. UT DALLAS CORE CURRICULUM REQUIREMENTS: 42 semester credit hours

#### Communication: 6 semester credit hours

<table>
<thead>
<tr>
<th>UT DALLAS Core Code</th>
<th>TCCNS Core Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1311</td>
<td>SPCH 1311</td>
</tr>
<tr>
<td>COMM 1315</td>
<td>SPCH 1315</td>
</tr>
<tr>
<td>RHET 1302</td>
<td>ENGL 1302*</td>
</tr>
</tbody>
</table>

*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."

#### Mathematics: 3 semester credit hours

<table>
<thead>
<tr>
<th>UT DALLAS Core Code</th>
<th>TCCNS Core Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2417*</td>
<td>N/A</td>
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</tbody>
</table>

*If MATH 2417 or MATH 2413 is 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.

(See UT DALLAS Departmental Advisor)

#### Life and Physical Sciences: 6 semester credit hours

Select 6 semester credit hours from TCCNS core options:

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

Choose one course from the following:

<table>
<thead>
<tr>
<th>UT DALLAS Core Code</th>
<th>TCCNS Core Code</th>
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</thead>
<tbody>
<tr>
<td>HUMA 1301</td>
<td>HUMA 1301</td>
</tr>
<tr>
<td>LIT 2331</td>
<td>ENGL 2331</td>
</tr>
<tr>
<td>PHIL 1301</td>
<td>PHIL 1301</td>
</tr>
<tr>
<td>PHIL 1305</td>
<td>PHIL 2321</td>
</tr>
<tr>
<td>PHIL 1306</td>
<td>PHIL 2306</td>
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<tr>
<td>PHIL 2316</td>
<td>PHIL 2316</td>
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</tbody>
</table>

Or: select 3 semester credit hours from other TCCNS core options:
- ENGL 2321, ENGL 2322, ENGL 2323, ENGL 2324, ENGL 2327, ENGL 2328, ENGL 2333, HIST 2311, HIST 2312, HIST 2321, HIST 2322, PHIL 1304, PHIL 2307.

#### Creative Arts: 3 semester credit hours

Choose one course from the following:

<table>
<thead>
<tr>
<th>UT DALLAS Core Code</th>
<th>TCCNS Core Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTS 1301</td>
<td>ARTS 1301</td>
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<tr>
<td>ARTS 1304</td>
<td>ARTS 1304</td>
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<tr>
<td>ARTS 1305</td>
<td>ARTS 1305</td>
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<tr>
<td>DANC 1300</td>
<td>DANC 1300</td>
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<tr>
<td>DANC 1305</td>
<td>DANC 1305</td>
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<tr>
<td>DRAM 2366</td>
<td>DRAM 2366</td>
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<tr>
<td>MUSI 1306</td>
<td>MUSI 1306</td>
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<tr>
<td>THEA 1310</td>
<td>THEA 1310</td>
</tr>
</tbody>
</table>

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.
### American History: 6 semester credit hours

**060 Core Code**

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

### Government/Political Science: 6 semester credit hours

**070 Core Code**

Texas Legislative Mandate

- **GOVT 2305**  American National Government
- **GOVT 2306**  State and Local Government

*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)*

### Social and Behavioral Sciences: 3 semester credit hours

**080 Core Code**

- **PSY 2301**  Introduction to Psychology

*PSY 2301 is a required major preparatory course - noted in Section II below - that also fulfills the three-semester-credit hour Social and Behavioral Sciences Core Curriculum requirement. Semester credit hours are counted in Core Curriculum.*

### Component Area Option: 6 semester credit hours

**090 Core Code**

- **MATH 2419**  Calculus II (Accelerated)  (Recommended)
- **MATH 2414**  Integral Calculus
- **CS 2301**  Cognitive Science

* (MATH 2419 or MATH 2414 and CS 2301 are required major preparatory courses - noted in Section II below - that also fulfill the six-semester-credit-hour Component Area Option Core Curriculum requirement. Semester credit hours are counted in Core Curriculum.)*

(See UT DALLAS Departmental Advisor)

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### 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 2419**  Calculus II (Accelerated)
- **MATH 2418**  Linear Algebra
- **PSY 2301**  Introduction to Psychology
- **PSY 2317**  Statistics for Psychology
- **CS 3341**  Probability & Statistics in Comp Sci & Software Engr

Additional Lower-Division Preparatory Courses for All/Computational Modeling Area:

- **CS 2305**  Discrete Mathematics for Computing I
- **CS 2336**  Computer Science II

Additional Lower-Division Preparatory Courses for Neuroscience Area:

- **BIOL 2111**  Introduction to Modern Biology Workshop I
- **BIOL 2281**  Introductory Biology Laboratory
- **CHEM 1311/1111**  General Chemistry I w/Lab
- **CHEM 1312/1112**  General Chemistry II w/Lab

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

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

**Free Electives:** 24-30 semester credit hours, depending on concentration.

- Students are encouraged to explore areas of concentration in Cognitive Science, Psychology, and Neuroscience as well as explore interests outside the field.
- Both lower- and upper-division courses may count as electives, but students must complete at least 51 semester credit hours of upper-division courses to qualify for graduation.

(See UT DALLAS Departmental Advisor)

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

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**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.

TCCNS courses in Field of Study (FOS) programs will transfer to UT DALLAS.

UT DALLAS does not accept vocational or technical courses in certificate or applied science programs, nor Workforce Education (WECM) courses, nor developmental courses.