

**HOUSTON COMMUNITY COLLEGE/
TEXAS STATE UNIVERSITY-SAN MARCOS**

**TRANSFER PLANNING GUIDE
2006-2008 CATALOG**



**Bachelor of Science,
Major in Computer Science**
Minimum required: 128-129 semester hours

HCC COURSE OF STUDY

| Freshman Year-1st Semester | Hours | Freshman Year-2nd Semester | Hours |
|---|--------------|--|--------------|
| ___ <i>COSC 1436</i> (CS 1428)..... | 4 | ___ <i>ENGL 1302</i> (ENG 1320) | 3 |
| ___ <i>ENGL 1301</i> (ENG 1310) | 3 | ___ <i>HIST 1302</i> (HIST 1320)..... | 3 |
| ___ <i>HIST 1301</i> (HIST 1310)..... | 3 | ___ <i>MATH 2413</i> (MATH 2471) | 4 |
| ___ <i>MATH 2412</i> (MATH 2417)..... | 4 | ___ <i>Natural Science</i> ¹ | 4 |
| ___ <i>Natural Science</i> ¹ | 4 | ___ <i>Visual and Performing Arts</i> ² | 3 |
| Total | 18 | Total | 17 |
| Sophomore Year-1st Semester | Hours | Sophomore Year-2nd Semester | Hours |
| ___ <i>COSC 2325</i> (CS 2318)..... | 3 | ___ <i>GOVT 2302</i> (POSI 2320)..... | 3 |
| ___ <i>ENGL Literature</i> ³ | 3 | ___ <i>Natural Science</i> ¹ | 4 |
| ___ <i>GOVT 2301</i> (POSI 2310)..... | 3 | ___ <i>PHED</i> course (PFW course)..... | 1 |
| ___ <i>Natural Science</i> ¹ | 4 | ___ <i>PHIL 1301</i> (PHIL 1305) | 3 |
| ___ <i>SPCH 1311 or 1321</i> (COMM 1310)..... | 3 | ___ <i>Social and Behavioral Sciences</i> ⁴ | 3 |
| Total | 16 | Total | 14 |

TEXAS STATE COURSE OF STUDY

| Summer prior to Junior Year | Hours | | |
|--|--------------|--|--------------|
| ___ <i>CS 2308</i> | 3 | | |
| ___ <i>MATH 2472</i> | 4 | | |
| Total | 7 | | |
| Junior Year-1st Semester | Hours | Junior Year-2nd Semester | Hours |
| ___ <i>CS 2315</i> | 3 | ___ <i>CS 3358</i> | 3 |
| ___ <i>ENG 3303 or 3313 or Literature</i> ⁵ | 3 | ___ <i>CS 3409</i> | 4 |
| ___ <i>MATH 2358</i> | 3 | ___ <i>MATH 3305</i> | 3 |
| ___ <i>Electives/Minor</i> ^{6,7} | 6 | ___ <i>MATH 3398</i> | 3 |
| Total | 15 | Total | 13 |
| Senior Year-1st Semester | Hours | Senior Year-2nd Semester | Hours |
| ___ <i>CS 3339</i> | 3 | ___ <i>CS 3468, 4326, or 4398</i> | 3-4 |
| ___ <i>CS 3398</i> | 3 | ___ <i>CS 4354</i> | 3 |
| ___ <i>CS advanced elective</i> | 3 | ___ <i>CS advanced electives</i> | 6 |
| ___ <i>Electives/Minor</i> ^{6,7} | 6 | ___ <i>CS elective</i> | 1 |
| Total | 15 | Total | 13-14 |

¹ Select 16 hours from the following: BIOL 1406 and 1407; CHEM 1411 and 1412, CHEM 2423 and 2425; GEOL 1403 and 1404; PHYS 1401 and 1402, and/or PHYS 2425 and 2426. Eight of the 16 hours must be taken from the same science, and no more than eight hours of PHYS courses can count towards the 16 hours of science requirement.

² Select any Arts, Dance, Drama, or Music course.

³ Select any course from the Humanities core component area (040) of HCC's Core Curriculum list.

⁴ Select any course from the Social and Behavioral Sciences core component area (080) of HCC's Core Curriculum list.

⁵ ENG 3303 or 3313 are recommended. ENG Literature course to be chosen from ENG 2310, 2320, 2330, 2340, 2359, or 2360, but should not duplicate the literature course taken at HCC.

⁶ Students are required complete 39 advanced hours (3000- and 4000-level courses) and 9 writing intensive hours in order to graduate.

⁷ A total of 17 hours in mathematics is required. The mathematics requirements, plus 3 advanced hours of mathematics, constitute a mathematics minor. MATH 3315, 4302, 4304, 4311, or 4382 cannot be used as an advanced MATH elective.

NOTES:

1. *Italicized* courses satisfy both HCC and Texas State Core Curriculum requirements. Courses in (parentheses) indicate the course transfer equivalents at Texas State.
2. If two years of the same foreign language were not completed in high school, students must take 6-8 hours of the same foreign language.
3. Texas State will apply to a degree up to 66 hours from an accredited two-year college (6-8 hours may be added with college dean approval.)
4. Students may elect to complete courses in a different sequence where possible, but should consult a counselor/advisor before doing so.
5. Upon completion of certain course requirements at Texas State, students may elect to send these hours back to HCC to be applied toward an associate's degree. This is commonly referred to as "reverse transfer."

TEXAS STATE ADMISSION PROCEDURES

UNIVERSITY ADMISSION:

1. Submit completed Texas Common Application form, \$40 application fee, and all credentials to the Undergraduate Admissions Office by the stated deadline (Fall-July 1, Spring-December 1, Summer I-May 1, Summer II-June 15).
2. Submit an official transcript from each institution attended to the Undergraduate Admissions Office. Students must be eligible to return (e.g., free of suspension, dismissal, or enforced withdrawal) to all previous institutions regardless of grade point average (GPA) or degrees received.
3. A minimum 2.25 grade point average (GPA) in all transferable courses is required. In computing the GPA, grades of "A", "B", "C", "D", and "F" are computed as recorded. Grades of "W", "P", "Q", and "X" are disregarded and grades of "WF" and "I" are averaged as "F". Grades in non-transferable and technical/vocational courses are disregarded.
4. As applicable, submit an application for on-campus housing, if required, or apply to live off campus.

Students transferring directly to Texas State University-San Marcos from a community college may elect to follow the Texas State catalog in effect at the time they entered the community college, or any subsequent catalog upon approval of the Dean of their College. Students are reminded to refer to their designated catalog for information relating to University, College, and/or Departmental requirements for curriculum, graduation, probation/suspension, and other general information.

For more information, contact:

Undergraduate Admissions Office
429 N. Guadalupe
Texas State University-San Marcos
San Marcos, Texas 78666
512/245-2364
<http://www.admissions.txstate.edu/>

College of Science
Academic Advising Center
Centennial Hall, Room 202
Texas State University-San Marcos
San Marcos, Texas 78666
512/245-1315
<http://www.cs.txstate.edu/>