CORE CURRICULUM (42 hours)

Communication (6 hours)
___ (010) Core Coded Course
*CS Recommended Course: ENGL 1301
(TXST ENG 1310)
___ (010) Core Coded Course
*CS Recommended Course: ENGL 1302
(TXST ENG 1320)

Mathematics (3-4 hours)
___ (020) Core Coded Course
*BA in CS Recommended Courses: MATH 1316 or 1324
or 1425 or 2412 or 2413
(TXST MATH 1317 or 1319 or 1329 or 2417 or 2471)
*BS in CS Recommended Course: MATH 2413
(TXST MATH 2471)

Life & Physical Sciences (8 hours)
___ (030) Core Coded Course
___ (030) Core Coded Course
*CS Recommended Courses: Choose one pair from the following:
*BIOL 1406 & 1407
*CHEM 1311/111 & 1312/1112
*GEOL 1403 & 1404
*PHYS 1401 & 1402 OR PHYS 2425 & 2426

Language, Philosophy, & Culture (3 hours)
___ (040) Core Coded Course
*CS Recommended Course: PHIL 1301 or 2306
(TXST PHIL 1305 or 1320)

Creative Arts (3 hours)
___ (050) Core Coded Course

American History (6 hours)
___ (060) Core Coded Course
___ (060) Core Coded Course

Government/Political Science (6 hours)
___ (070) Core Coded Course
___ (070) Core Coded Course

Social & Behavioral Sciences (3 hours)
___ (080) Core Coded Course

Texas State Area Option (6 hours)
___ (090) Core Coded Course
*CS Recommended Course: SPCH 1311 or 1315
(TXST COMM 1310 or 2338)
___ (090) Core Coded Course
*CS Recommended Course: Sophomore Literature

*Indicates course is a graduation requirement

ADDITIONAL BA REQUIREMENTS

Modern Language (6 hours)
From the same foreign language
___ Mod Lang 1411 (TXST Mod Lang 1410)*
___ Mod Lang 1412 (TXST Mod Lang 1420)*
___ Mod Lang 2311 (TXST Mod Lang 2310)*
___ Mod Lang 2312 (TXST Mod Lang 2320)*
* While the BA requires language 2311 and 2312, most students will need to complete 1411 and 1412 as prerequisites.

ADDITIONAL BS REQUIREMENTS

Additional Science (8 hours) Choose two from the following:
(Cannot use same science from CORE – no more than 8 hours of PHYS)
Cannot complete both PHYS 1401 & 2425 for 8 hrs of credit.
___ BIOL 1406 ___ BIOL 1407
___ CHEM 1311/1111 ___ CHEM 1312/1112
___ GEOL 1403 ___ GEOL 1404
___ PHYS 1401 OR 2425 ___ PHYS 1402 OR 2426

Calculus II (4 hours)
___ MATH 2414 (TXST MATH 2472)

Modern Language
___ If two years of the same foreign language (or American Sign Language) were not completed in high school, students must take 6-8 hours of the same modern language in college.

MINOR (18-24 hours)
Courses to be completed based on selected minor. See back page of Check Sheet for Round Rock Minor Offerings and more.
Students pursuing the BS are required to complete 17 hours in mathematics.
Therefore, a Mathematics minor is recommended.
___ Minor of choice

UNIVERSITY TRANSFER ADMISSION

We are thrilled you have selected Texas State University's Round Rock Campus (RRC) as your intended transfer institution! Visit the RRC website to ensure you complete the appropriate steps for getting started: www.rcc.txstate.edu/prospective/starting.

Grades in technical/vocational courses are non-transferable. A minimum 2.25 GPA in all transferrable courses (minimum 30 hours) is required. For more information, please visit the University Catalog: http://mycatalog.txstate.edu/.

Visit the Office of Undergraduate Admissions website to view admission priority dates for upcoming semesters and to learn about transfer admission and application requirements: http://www.admissions.txstate.edu/future/transfer.html.
Therefore, a Mathematics minor is recommended. Students pursuing the BS are required to co-
see the Undergraduate listed above must be completed in San Marcos. For a full list of minors, please
on minor choice. Speak to an Advisor regarding minor courses. Any minor not
Additional lower-

available Minors at the Round Rock Campus (18-24 hours)

<table>
<thead>
<tr>
<th>Minor</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Administration</td>
<td>18</td>
</tr>
<tr>
<td>Criminal Justice</td>
<td>18</td>
</tr>
<tr>
<td>English (Hybrid)</td>
<td>24</td>
</tr>
<tr>
<td>Forensic Psychology (Hybrid)</td>
<td>21</td>
</tr>
<tr>
<td>Mass Communication (Hybrid)</td>
<td>18</td>
</tr>
<tr>
<td>Mathematics</td>
<td>20</td>
</tr>
<tr>
<td>Psychology (Hybrid)</td>
<td>18</td>
</tr>
<tr>
<td>Public Administration</td>
<td>24</td>
</tr>
<tr>
<td>Sociology (Online)</td>
<td>18</td>
</tr>
</tbody>
</table>

Additional lower-level prerequisites may need to be completed at ACC dependent on minor choice. Speak to an Advisor regarding minor courses. Any minor not listed above must be completed in San Marcos. For a full list of minors, please see the Undergraduate Catalog: mycatalog.txstate.edu/undergraduate. Students pursuing the BS are required to complete 17 hours in mathematics. Therefore, a Mathematics minor is recommended.

COMPUTER SCIENCE MAJOR (28-33 HOURS)

___ CS 2315 Computer Ethics (WI)
   *Prerequisite: "C" or better in CS 1428, COMM 1310, PHIL 1305/1320 & ENG 1310

___ CS 3354 Object Oriented Design and Implementation
   *Prerequisite: "C" or better in CS 2308

___ CS 3358 Data Structures
   *Prerequisite: "C" or better in CS 2308 & MATH 2358

___ CS 3339 Computer Architecture
   *Prerequisite: "C" or better in CS 2318

___ CS 3398 Software Engineering (WI)
   *Prerequisite: "C" or better in CS 2315, CS 3354 & 3358

___ CS 4328 Operating Systems (BS Only)
   *Prerequisite: "C" or better in CS 3339 & 3358

___ CS Project Course (CS 4318 or 4326 or 4371 or 4380 or 4398*)
   *Prerequisite: "C" or better in CS 3398

ELECTIVE COURSES (9-12 hours)
(BA Students will select 9 hours of CS Advanced Electives; BS Students will select 12 hours. Not all CS Advanced Electives listed in the catalog are offered at RRC.)

___ CS Advanced Elective
   *Prerequisite: Check Undergraduate Catalog

___ CS Advanced Elective
   *Prerequisite: Check Undergraduate Catalog

___ CS Advanced Elective
   *Prerequisite: Check Undergraduate Catalog

___ CS Advanced Elective (BS Only)
   *Prerequisite: Check Undergraduate Catalog

ADDITIONAL COURSES REQUIRED BS & BA (9 hours)

___ MATH 2358 Discrete Mathematics I
   *Prerequisite: "C" or better in MATH 1315

___ MATH 3398 Discrete Mathematics II
   *Prerequisite: "C" or better in MATH 2358

___ ENG 3303 Technical Writing (WI)

ADDITIONAL COURSES REQUIRED BS (3 hours)

___ MATH 3305 Probability and Statistics
   *Prerequisite: "C" or better in MATH 2472
ROUND ROCK DEGREE PLAN CHECK SHEET  
2016-2017 CATALOG  
Computer Science (BS/BA)  
Minor Required  
For Advising Purposes Only

FLOWCHARTS
Reference a BA or BS Computer Science (2016 Catalog)  
Flowchart for a visual representation of course prerequisites:  
www.cose.txstate.edu/advising/undergraduate/flowcharts.html.

NOTES
This degree plan check sheet is intended to be used as an  
outline of your degree, not a substitute for academic advising. Students are expected to meet with an academic advisor to ensure successful progression toward degree requirements. Meeting with an academic advisor at least once a semester is strongly encouraged as Round Rock courses are offered on a semester rotation.

TOTAL HOUR COUNT
_____ Community/Junior College hours  
_____ University hours (outside TXST)  
_____ Texas State earned hours  
_____ Texas State in-progress hours  
_____ Texas State remaining hours  
_____ Free Elective hours (if needed)  
_____ TOTAL

GRADUATION REQUIREMENTS
_____ 2.00 Texas State GPA  
_____ 2.25 Major GPA  
_____ 2.00 Minor GPA  
_____ Grade of C in all CS courses applying in the major, all required Math courses and the additional English requirement for the CS major  
_____ 120 Total Hours  
_____ 30 Hours at Texas State  
_____ 36 Advanced Hours  
_____ 24 Advanced Hours at Texas State  
_____ 12 Advanced Hours in Computer Science at TXST  
_____ 24 of the last 30 Hours must be at Texas State  
_____ 9 Writing Intensive (WI) Hours at Texas State

For More Information, Contact:  
Texas State University Round Rock Campus  
Student Services, Room 201  
1555 University Blvd.  
Round Rock, TX 78665  
Phone: 512-716-4001  
www.rrc.txstate.edu  
www.cs.txstate.edu

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