

UTSA Bachelor of Science in Computer Science
Four-Year Plan - PROPOSED
2018-2020 Catalog

FALL

SPRING

FIRST YEAR

| | | | | | | |
|-----------------|----------------------------------|-----------|--|---------------------|----------------------------|-----------|
| AIS 1203 | Academic Inquiry and Scholarship | 3 | | CS 1713/1711 | Intro to Prog II/Rec. | 3/1 |
| CS 1083 | Prog. I for Comp. Scis. | 3 | | MAT 1224 | Calculus II | 4 |
| MAT 1214 | Calculus I | 4 | | POL 1133 or 1213 | Texas Politics and Society | 3 |
| WRC 1013 | Freshman Comp I (Q) | 3 | | WRC 1023 | Freshman Comp II (Q) | 3 |
| CORE | Creative Arts | 3 | | | | |
| TOTAL | | 16 | | TOTAL | | 14 |

SECOND YEAR

| | | | | | | |
|---------------------|-----------------------------------|-----------|--|---------------------|--------------------------------|-----------|
| CS 2123/2121 | Data Structures/Rec. | 3/1 | | CS 3423/3421 | Systems Prog/Rec. | 3/1 |
| CS 2233 | Discrete Math | 3 | | CS 3443 | Application Programming | 3 |
| CS 3333 | Math Foundations | 3 | | CS 3843/3841 | Computer Org/Rec. | 3/1 |
| POL 1013 | Introduction to American Politics | 3 | | CORE | Social & Behavioral Sciences | 3 |
| CORE | Life & Physical Sciences | 3 | | | | |
| TOTAL | | 16 | | TOTAL | | 14 |

THIRD YEAR

| | | | | | | |
|----------------|--------------------------|-----------|--|----------------|-------------------------|-----------|
| CS 3343 | Analysis of Alg. | 3 | | CS 3853 | Computer Arch. | 3 |
| CS 3723 | Programming Lang | 3 | | CS 3733 | Operating System | 3 |
| CS 3743 | Database mng. | 3 | | CS 3XX3 | UD CS Elective | 3 |
| CORE | Life & Physical Sciences | 3 | | CS 3XX3 | UD CS Elective | 3 |
| <i>ELEC</i> | <i>Free Elective</i> | 3 | | <i>ELEC</i> | <i>Free Elective</i> | 3 |
| TOTAL | | 15 | | TOTAL | | 15 |

FOURTH YEAR

| | | | | | | |
|----------------|-----------------------|-----------|--|----------------|---------------------------|-----------|
| CS 3XX3 | UD CS Elective | 3 | | CS 3XX3 | UD CS Elective | 3 |
| CS 3XX3 | UD CS Elective | 3 | | CS 3XX3 | UD CS Elective | 3 |
| CS 3XX3 | UD CS Elective | 3 | | CS 3XX3 | UD CS Elective | 3 |
| CORE | Component Area Option | 3 | | CORE | Lang, Philosophy, & Cult. | 3 |
| CORE | American History | 3 | | CORE | American History | 3 |
| TOTAL | | 15 | | TOTAL | | 15 |