The University Of
T A M P A

Unofficial Degree Planning Worksheet

Catalog Year: 2021-2022

B.S. in COMPUTER SCIENCE

This worksheet is designed to help you plan and track your progress toward your degree. It lists all the graduation requirements. For full course descriptions, please refer to the current undergraduate Catalog.	Course Taken or Transferred In	Semester Taken or Course Remaining
UNIVERSITY GRADUATION REQUIREMENTS		
☐Students must earn 124 hours to be eligible for graduation. ☐Students must maintain an overall GPA of a 2.0 to be eligible for graduation. ☐Students must complete 31 of the last 35 hours in residency at UT.		
BACCALAUREATE EXPERIENCE REQUIREMENTS ***Courses used for Baccalaureate Experience may not be used in the major (unless otherwise stated in the catalog).***		
Two-Year Learning Community		
BAC 100 (0cr) – Digital Skills		
BAC/HON 101/102 (2cr) – First-Year Seminar (two semester sequence) BAC 103 (1cr) – Transfer Student Seminar (one semester course) - *Optional* BAC 104 (1cr) – Veteran Student Seminar (one semester course)		
AWR 101 (4cr) – Writing and Inquiry • *Domestic Students may be required to take AWR 100 based on English Placement.* • *International Students may be required to take AWR 110 before AWR 101 or AWR 111 in conjunction with AWR 101 based on English Placement.*		
AWR 201 (4cr) – Writing and Research *Recommended to take in the second year*		
Mathematics – MAT 260 (4cr) – **FULFILLED BY MAJOR**		
Natural Science – NS (6 Credits) ***Must be lecture course, not a lab.***		
Biological Science (3cr)		
Chemical or Physical Science (3cr) PHYS 205 (4cr) – **FULFILLED BY MAJOR** PHYS 205L (0 Cr) – **FULFILLED BY MAJOR**		
Humanities – HFA (11 Credits)		
• *Must have at least two different disciplines represented.* • *May only apply up to 4 credits of Studio/Performance courses.* *Courses to fulfill this requirement may be found in the following disciplines: animation, dance, english/literature, film, foreign languages, linguistics, music, new media, philosophy, religion, speech and theatre, plus those art, communication, writing and women's and gender studies courses so designated in the Course Descriptions section of the catalog.*		
Social Science – SS (11 Credits)		
• *Must have at least two different disciplines represented.* *Courses to fulfill this requirement may be found in the following disciplines: economics, geography, history, political science, psychology, sociology, and urban studies, plus those communication, criminology, law justice and advocacy, and women's and gender studies courses so designated in the Course Descriptions section of the catalog.*		

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Art/Aesthetic – A (3 Credits) ***Can come from anywhere in the curriculum.***		
Art/aesthetic courses are devoted primarily to the development of skills in human expression for the purpose of engaging the aesthetic sense, or courses devoted primarily to the development of students' critical appreciation of aesthetics. Courses can be found in multiple disciplines, see Course Search or Catalog to find courses.		
Non-Western and International/Global Awareness – NW/IG (9 Credits) ***Can come from anywhere in the curriculum.***		
Non-Western (3cr) *Deal in either a direct or comparative way with political, social, or cultural issues within the context of non-Western or Third World concerns.*		
Non-Western or International/Global Awareness (3cr)		
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Writing Intensive – W (9 Credits) ***Can come from anywhere in the curriculum.***		
Courses in addition to AWR 101 and AWR 201 that emphasize writing as a process of learning and communicating. Some credits may be waived for transfer students, please refer to the Catalog for more information.		
CSC 310 (4cr) – **FULFILLED BY MAJOR**		
MAJOR REQUIREMENTS (76 Credits)		
Students must maintain a Major GPA of a 2.0 to be eligible for graduation.		
Core Courses (40 Credits)		
CSC 101 (4cr) – The Science of Computing I ***Pre-Req:*** *None*		
CSC 102 (4cr) – The Science of Computing II ***Pre-Req:*** *CSC 101 (with a grade of "C" or higher)*		
CSC 201 (4cr) – Data Structures and Algorithm Analysis ***Pre-Req:*** *CSC 102 (with a grade of "C" or higher)*		
CSC 210 (4cr) – Computer Organization and Architecture ***Pre-Req:*** *CSC 102 (with a grade of "C" or higher)*		
CSC 220 (4cr) – Operating Systems and Systems Programming ***Pre-Req:*** *CSC 201 (with a grade of "C" or higher)*		
CSC 230 (4cr) – Software Design and Engineering ***Pre-Req:*** *CSC 201 (with a grade of "C" or higher)*		
CSC 301 (4cr) – Advanced Data Structures and Algorithms ***Pre-Req:*** *CSC 230 (with a grade of "C" or higher)*		
CSC 310 (4cr) – Ethics and Impact of Computing (W) ***Pre-Req:*** *CSC 230 (with a grade of "C" or higher)*		
CSC 320 (4cr) – Theory of Computation ***Pre-Req:*** *CSC 301 and MAT 270 (with a grade of "C" or higher)*		
CSC 401 (2cr) – Senior Capstone I ***Pre-Req:*** *Senior standing in computer science and CSC 301 (with a grade of "C" or higher)*		

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CSC 402 (2cr) – Senior Capstone II ***Pre-Req:*** *CSC 401 (with a grade of "C" or higher)*		
Mathematics Courses (16 Credits)		
MAT 260 (4cr) – Calculus I ***Pre-Req:*** *MAT 170 (with a grade of "C" or higher), or equivalent*		
MAT 261 (4cr) – Calculus II ***Pre-Req:*** *MAT 260 (with a grade of "C" or higher)*		
MAT 270 (4cr) – Discrete Mathematics for Computer Science ***Pre-Req:*** *MAT 260 (with a grade of "C" or higher)*		
MAT 271 (4cr) – Computational Linear Algebra ***Pre-Req:*** *MAT 261 (with a grade of "C" or higher), or equivalent*		
Science Courses (8 Credits)		
PHY 205 (4cr) – General Physics with Calculus I ***Pre-Req:*** *MAT 170 or equivalent* ***Co-Req:*** *PHY 205L and MAT 260*		
PHY 205L (0cr) – General Physics with Calculus I Laboratory ***Co-Req:*** *PHY 205*		
PHY 206 (4cr) – General Physics with Calculus II ***Pre-Req:*** *MAT 260 and PHY 205 (with a grade of "C" or better)* ***Co-Req:*** *PHY 206L*		
PHY 206L (0cr) – General Physics with Calculus II Laboratory ***Co-Req:*** *PHY 206*		

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Major Electives (12 Credits) Choose **three** from the following*:* • CSC 330 – Introduction to Computer Network Security *(Pre-Req: CSC 201 – with a grade of "C" or higher)* • CSC 340 – Database Management Systems *(Pre-Req: CSC 201 – with a grade of "C" or higher)* • CSC 350 – Web Programming and Development *(Pre-Req: CSC 230 – with a grade of "C" or higher)* • CSC 410 – Artificial Intelligence and Machine Learning *(Pre-Req: CSC 301 – with a grade of "C" or higher)* • CSC 420 – Programming Languages and Compilers *(Pre-Req: CSC 301 – with a grade of "C" or higher)* • FMX 210 – Digital Media • FMX 310 – Creative Coding *(Pre-Req: FMX 210)* • FMX 339 – Mobile Application Production *(Pre-Req: FMX 310 or ITM 251 or COM 315)* • FMX 430 – Spatial Computing *(Pre-Req: FMX 210 or FMX 310 or permission of instructor)* • FMX 311 – Online Production *(Pre-Req: FMX 210)* • ITM 280 – Network and Cloud Infrastructure *(Pre-Req: BAC 100)* • ITM 375 – Information Security Standards, Risk Management and Compliance *(Pre-Req: ITM 220)* • ITM 380 – Network Security *(Pre-Req: ITM 280)* • ITM 480 – Ethical Hacking *(Pre-Req: ITM 350 and ITM 380)*		
Computer Science Elective (4cr)		
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Major Residency Requirements (15 Credits)		
Students must complete at least 15 credit hours in the student's major.		