Bachelor of Science in COMPUTER SCIENCE Degree Requirements

GENERAL EDUCATION [42 hrs]

Communication [9 hrs]

ENGL 1010* _____ ENGL 1020* _____

COMM 2381 _____

Humanities and Fine Arts [9 hrs]

ENGL 2201 _____ or 2202 _____

Plus two of the following:

ART 1030 _____   ARTH 2010 _____
ARTH 2020 _____   COMM 1851 _____
DANC 1151 _____   CLAS 2481 _____
JDST 2850 _____   MUS 1030 _____
MUS 1040 _____   PHIL 1101 _____
PHIL 1102 _____   POLS 1101 _____
POLS 1102 _____   RLGN 1100 _____
THEA 1030 _____   UNIV 3580 _____
UNIV 3581 _____

Social/Behavioral Science [6 hrs]
Any two of the following:

ANTH 1100 _____   ANTH 1200 _____
CDFS 2101 _____   ECON 2010 _____
ECON 2020 _____   ESCI 1301 _____
ESCI 1401 _____   FIR 1220 _____
HLSC 2100 _____   INTL 1101 _____
JRSM 1700 _____   POLS 1030 _____
POLS 1301 _____   POLS 1501 _____
PSYC 1030 _____   PSYC 3510 _____
SOCI 1010 _____   SOCI 2100 _____
WMST 2100 _____

History [6 hrs]
Any two of the following:

ANTH 3282 _____   HIST 1110# _____
HIST 1120# _____   HIST 2010 _____
HIST 2020 _____   HIST 2030 _____
HIST 3863 _____   HIST 3881 _____
HIST 4851 _____   POLS 4212 _____
POLS 4405 _____   SOCI 3422 _____

Mathematics [4 hrs]*

MATH 1910 (4) _____

Natural Science [8 hrs]*
Choose one sequence (two lectures and corresponding labs from the same discipline) from the list below:

BIOL 1110 _____   BIOL 1120 _____
BIOL 1111 _____(1)   BIOL 1121 _____(1)

CHEM 1110 _____   CHEM 1120 _____
CHEM 1111 _____(1)   CHEM 1121 _____(1)

PHYS 2110 _____   PHYS 2120 _____
PHYS 2111 _____(1)   PHYS 2121 _____(1)

FREE ELECTIVES [15 hrs]

Elective 1 _____

Elective 2 _____

Elective 3 _____

Elective 4 _____

Elective 5 _____

MINOR/OTHER ELECTIVES

_____
_____
_____
_____
_____
_____

UD HRS. _____   TOTAL _____
[min. of 42]   [min. of 120]

NOTE: No more than 2 hours of PHED courses can be included in the 120 hours for graduation.

* Minimum grade of C- required

Acceptable only if U.S. history was
   taken in high school

MAJOR CORE [51 hrs]*

COMP 1900 _____(4)
COMP 1950 _____(1)
COMP 2150 _____(4)
COMP 2700 _____(4)
COMP 3115 _____
COMP 3410 _____(4)
COMP 3825 _____
COMP 4030 _____
COMP 4040 _____
COMP 4081 _____
COMP 4270 _____
COMP 4601 _____
COMP 4882 _____
MATH 1920 _____(4)
MATH 3242 _____
MATH 4614 _____

CONCENTRATION [12 hrs]*

COMP Elective 1 _____
COMP Elective 2 _____
COMP Elective 3 _____
COMP Elective 4 _____

CONCENTRATION OPTIONS:

General Concentration: Any four 3000/4000 COMP courses eligible for use in the major.

Cybersecurity Concentration: COMP 4410, COMP 4420, COMP 4430, and one of {COMP 4302, COMP 4310, COMP 4432}

Data Science Concentration: COMP 4151, COMP 4745, MATH 4685, MATH 4686

Artificial Intelligence Concentration: COMP 4118, COMP 4720, COMP 4730, COMP 4741

Residence Requirements:
A student will satisfy residence requirements for graduation by earning at least twenty-five (25) percent of credit hours required for the degree at the University of Memphis. At least thirty (30) of the final sixty (60) hours required for the degree must be completed at the University of Memphis. A student transferring credits from a two-year college or institution must complete, as a requirement for the baccalaureate degree, a minimum of sixty semester hours in an accredited senior institution. A transfer student in The College of Arts and Sciences must earn at least 6 semester hours in residence in the major subject and at least 3 semester hours in the minor. These credits may be earned only through regular class enrollment for a letter grade.

Degree Requirements:
All students in the College of Arts and Sciences must have the following to graduate:
120 hours of credit – no more than 2 hours of PHED credits can be used towards these 120 hours.
42 hours of Upper Division credits (3000/4000 level courses)
University of Memphis GPA and Overall GPA must be at least 2.0.

Academic Advising:
All students in the College of Arts and Sciences are required to meet with their advisor each Fall and Spring to discuss classes for the next semester and any other items of concern. This website provides advisor names and contact information:
http://www.memphis.edu/cas/advising/advisors.php

Academic Check-Out for Graduation:
All students in the College of Arts and Sciences must complete their Application to Graduate in myMemphis <u>at the beginning of the semester at least one year before they plan to graduate</u>. After the application is filed, the graduation analyst will complete the Summary of Coursework Remaining form and will e-mail copies to the student and to the advisor. Students must check their UofM e-mail for this Summary and should print a copy to discuss with their advisor.

Apply to Graduate: go to myMemphis, click on the My Degree page and follow the steps in the Graduation and Commencement section.

If you have any questions about the graduation process, call (901) 678-5454. If you and your advisor have questions about coursework remaining, the **advisor** should contact the graduation analysts, Mary Jones or Carol Mahalitc.

Once you have submitted the Application to Graduate, if you need to change your expected graduation date, you must notify the graduation analysts at casgraduation@memphis.edu. Otherwise, if all requirements are met, the student's graduation will be certified for the semester on the application.

UMdegree:
All Undergraduate students have access to this tool, which shows requirements that have been met and requirements remaining. The student's major(s), minor(s), concentration(s), and catalog year must be accurate for UMdegree to work correctly. Please ensure these are correct before applying to graduate. If there are courses in UMdegree that are not applied correctly, please contact the advisor who will petition for substitutions or exceptions if needed. Once an exception or substitution has been approved, it sometimes becomes unenforced. Once an exception or substitution is approved, it will be used toward your degree whether or not it is enforced in UMdegree. Note: UMdegree is provided for advisement; it is not an official record.

Access to UMdegree is available through myMemphis on the My Degree page.

Instructions for UMdegree: http://www.memphis.edu/umdegree/pdfs/umdegree_student_guide.pdf

Undergraduate Catalog: http://catalog.memphis.edu
The Undergraduate Catalog is the official document that contains the requirements and courses offered for students to use to complete their degree. The catalog states: "Each student is responsible for fulfilling all of the requirements for the degree program being pursued and for following the procedures and regulations as stated in the Catalog in effect when entering college." The student's advisor will assist the student in choosing courses, but ultimately, it is the student's responsibility to make appropriate choices after meeting with the advisor.

Please refer to the Planning section of the catalog for important information:
https://catalog.memphis.edu/content.php?catoid=14&navoid=542

Arts and Sciences Undergraduate Website: http://www.memphis.edu/cas/advising/index.php