

**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 at the beginning of the semester at least one year before they plan to graduate. 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 Mahalitic.

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](mailto: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](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>