Computer Science Core and Major Requirements (Bachelor of Arts) – Catalog Year 2010

Major Requirements for a Bachelor of Arts Degree in Computer Science:

- Mathematics: □ MATH 2603 Discrete Mathematics (MATH 1203 or ACT math score of 21 or above)
- At least 35 hours in Computer Science including:
  □ CSCE 1013 Explorations in Computing
  □ CSCE 2004 Programming Foundations I AND □ CSCE 2014 Programming Foundation II (CSCE 2004
  □ CSCE 3193 Programming Paradigms (CSCE 2014)
- Three courses with CSCE prefix numbered 2000 or above: □ CSCE _____ □ CSCE _____ □ CSCE _____
- Three additional courses from one (and only one) of the following groups:
  - Computer Science (courses numbered 2000 or above): □ CSCE _____ □ CSCE _____ □ CSCE _____
  - Enterprise Resource Planning (Students completing this sequence will receive an SAP certificate): □ WCOB 4213 ERP Fundamentals (WCOB 2023 and WCOB 2043 or CSCE 2014 each with “C” or better), □ WCOB 4223 ERP Configuration and Implementation (WCOB 4213), □ ISYS 4233** Seminar in ERP Development (Pre- or corequisite: WCOB 4233 with “C” or better)
  - Enterprise Systems: □ WCOB 4213 ERP Fundamentals (WCOB 2023 and WCOB 2043 or CSCE 2014 each with “C” or better), □ ISYS 4453 Introduction to Enterprise Servers (ISYS 2263 or CSCE 2014 with “C” or better), □ ISYS 4463 Enterprise Transaction Systems (ISYS 2263 or CSCE 2014 or ISYS 4453 with “C” or better)
  - Business Applications: □ WCOB 4213 ERP Fundamentals (WCOB 2023 and WCOB 2043 or CSCE 2014 each with “C” or better), □ ISYS 3293 Systems Analysis and Design (ISYS 2263 or CSCE 2014 with “C” or better), □ ISYS 3393 Business Application Development Fundamentals (ISYS 2263 or CSCE 2014 with “C” or better)
  - Mathematics: □ MATH 3083 Linear Algebra (MATH 2554C or MATH 2043 with “C” or better), □ MATH 3103 Combinatorial and Discrete Mathematics MATH 2603), □ MATH 4253 Symbolic Logic I (Same as PHIL 4253), □ MATH 4353 Numerical Linear Algebra (MATH 3083), □ MATH 4363 Numerical Analysis (MATH 3404)
  - Geoinformatics: □ GEOS 3543 Geographic Information Science (Same as ANTH 3543) AND Two of the following: □ GEOS 4413 Principles of Remote Sensing, □ GEOS 4553 Introduction to Raster GIS (GEOS/ANTH 3543, same as ANTH 4553), □ GEOS 4583 Vector GIS (GEOS 3023 or 3543, same as aNTH 4563), □ GEOS 4593 Environmental Justice

- For more information on Computer Science, contact the Department of Computer Science and Computer Engineering:
  ▪ JB Hunt Hall 504 ▪ 479-575-6197 ▪ www.csce.uark.edu/

***This form is NOT a substitute for the Catalog of Studies. Students should verify this information with their advisor, their degree audit, and the Catalog of Studies.***

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Requirements for Departmental Honors in International Relations:

Contact department for Honors Requirements.

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40-Hour Rule
Students must complete at least 40 hours of work in courses number 3000 and above. Included in this 40 hours can be courses numbered 2000 if each has a specific course designated as a prerequisite, with the exception of MILS 2001 and 2011, AERO 2001 and 2011, and foreign language courses numbered 2003 and 2013.

24-Hour Rule
A student graduating from Fulbright College must complete at least 24 hour of work in courses numbered 3000 and above from departments within the Fulbright College of Arts and Sciences.