YSU College of Science, Technology, Engineering & Mathematics
Associate in Applied Science (AAS) degree
Major: Computer Information Systems
Effective Fall 2013

Department of
Computer Science & Information Systems
Dr. Kriss A. Schueller, Chair
Meshel Hall, Room 339
(330) 941-3134; fax (330) 941-2284
http://www.csis.ysu.edu/

Requirements for Graduation:

Minimum of 64 total SH
29-31 SH in major + Support Courses
GER model complete
Residency requirement (transfer students only)

By 40 SH a “graduation evaluation” request
MUST be made with the Academic Advising
Center in Moser Hall, Room 2325

Meet w/ CIS program coordinator after graduation evaluation is complete

Advisement for the CIS major

PRE – CIS:
Students will be eligible to transfer to the CIS major
once they have completed all pre-college Math
(through MATH 1507) and Writing (through ENGL
1540) course work and at least one course
applicable toward the CIS major. Further, a
departmental GPA of 2.40 or better and an overall
YSU GPA of 2.00 or better is required.

Once students have met the above requirements
they can transfer their major from “Pre CIS” to CIS
and meet with an advisor in Meshel Hall.

Consult the GER website or your advisor for
the list of courses meeting GERs:
http://web.ysu.edu/ger

<table>
<thead>
<tr>
<th>Dept</th>
<th>Catalog</th>
<th>Course Description</th>
<th>s.h</th>
<th>Grade</th>
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<tbody>
<tr>
<td>Engl</td>
<td>1550</td>
<td>Writing I (CRPT)</td>
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<tr>
<td>Engl</td>
<td>1551</td>
<td>Writing II (Engl 1550)</td>
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<tr>
<td>Math</td>
<td>1570</td>
<td>Applied Calculus 1 (prerequisite Math 1513 or Level 50 on MPT)</td>
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<tr>
<td>Cmst</td>
<td>1545</td>
<td>Communications Foundations (Eligible to take Engl 1550)</td>
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Two additional GER courses from at least one of the
following areas:
Natural Science, Arts & Humanities, Social Science, and
Social & Personal Awareness.

Natural Science (NS)

Arts & Humanities (AH)

Social Science (SS)

Social & Personal Awareness (SPA)

Consult the GER website or your advisor for
the list of courses meeting GERs:
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- Classes taken and/or repeated out of sequence will not count toward graduation. Check prerequisites.
- A grade of “C” or better is required in all major and minor courses.
- Engl. 1550 & 1551 must be completed by 62 SH.
- Placement exam in English and Math required before registration of classes.
- MATH 1500, 1501, 1502, 1503, 1504, 1507, 1508 ENGL 1509, 1512, 1539, 1540, RSS 1510A, B & C. STEM 1511 &
CHEM 1501 are remedial and will not count toward graduation total hours.
- A grade of “C” or better is required in the Major and Minor courses.
- Credit/NC Option not permitted in Major/Minor.
- Upper division courses have a catalog number of 3700 and above.
- CIS/ CSIS Elective (upper division) may be substituted with any 4800 or above CSCI or INFO elective with CIS advisor
approval.
- The student is ultimately responsible for satisfying all of the degree requirements.
- Residency rule states that the last 20 SH must be completed at YSU; 16 SH in major.
- Request for graduation evaluation form must be filed by 40 SH
# Required courses for CIS (29-31 sh) + Support Courses

<table>
<thead>
<tr>
<th>Dept</th>
<th>Cat. #</th>
<th>Course Description</th>
<th>sh</th>
<th>gr</th>
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<tbody>
<tr>
<td>CSIS</td>
<td>1590</td>
<td>Survey of Computer Science &amp; Information Systems (Math 1507 or Level 40 on MPT)</td>
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<tr>
<td>CSIS</td>
<td>1595</td>
<td>Fundamentals of Programming &amp; Problem Solving 1 (CSIS 1590 or MATH 1507)</td>
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<tr>
<td>CSIS</td>
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<td>Fundamentals of Programming &amp; Problem Solving 2 (CSIS 1595 or concurrent MATH 1513 or 1552 or Lvl 50 on MPT)</td>
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<tr>
<td>CSIS</td>
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<td>Programming and Problem Solving (MATH 1513 or Level 50 on MPT)</td>
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<tr>
<td>CSIS</td>
<td>3722</td>
<td>Development of Databases (CSIS 1590)</td>
<td>3</td>
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<tr>
<td>CSIS</td>
<td>3723</td>
<td>Networking Concepts &amp; Administration (CSIS 2605 or CSIS 2610)</td>
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<td>CSIS</td>
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<td>Visual/Object-Oriented Programming (CSIS 2605 or CSIS 2610)</td>
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<td>Electronic Commerce Programming (CSIS 2605 or CSIS 2610)</td>
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## Electives (needed to meet the minimum of 64 sh total)

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<tr>
<td></td>
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<td>REMEDIAL COURSE WORK</td>
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## Support Courses

<table>
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<tr>
<td>ACCT</td>
<td>2602</td>
<td>Financial Accounting</td>
<td>3</td>
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<tr>
<td>ACCT</td>
<td>2603</td>
<td>Managerial Accounting</td>
<td>3</td>
<td></td>
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<tr>
<td>PHIL</td>
<td>2619</td>
<td>Introduction to Logic</td>
<td>3</td>
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<tr>
<td>ENGL</td>
<td>3743</td>
<td>Professional &amp; Technical Communication</td>
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# Notes:

Revised – Fall 2013