College of Science, Technology, Engineering & Math -YSU
Bachelor of Science in Applied Science (BSAS) degree
Major: Information Technology (IT) – Database Option

Requirements for Graduation:

____ GER model complete
____ Intensive requirements complete
____ Min. 62 sh in major**
____ Support courses complete
____ Min. of 126• total sh
____ Residency requirement (transfer students only)
____ Min. of a 2.00 overall GPA

____ After 80-85 sh are complete request a “graduation evaluation” from the Division of Academic Advising in Moser Hall, Room 2315

____ Meet w/your dept. chair after graduation evaluation is complete

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

Intensive Requirements: Recommended:

Writing Intensive Course (W): CSIS 3783
Writing Intensive Course (W): INFOT 3704
Critical Thinking (T): CSIS 3782
Critical Thinking (T):
Oral Intensive (O):

Important Notes:
- Classes taken and/or repeated out of sequence will not count toward graduation. Check prerequisites.
- A total of eight courses must be taken in NS/AL/SI; with no more than three courses in any one category; hence, the pattern may be 2-3-3, 3-2-3, or 3-3-2.
- ** A grade of “C” or better is required in all major, minor, and support courses.
- The following courses do NOT count as hours towards graduation: Math 1500, Math 1501, Engl 1509, Engl 1512.

Advisement for the IT major

PRE – IT:
Students are initially advised from the Academic Advising Center, College of Science, Technology, Engineering, & Mathematics (CSTEM) in Moser Hall, 2nd floor, until they have completed the following requirements: English 1539/1540; Math 1500/1501; CSIS 1590 or 2610 with a “B” or higher; overall GPA of 2.00.

Once students have met the above requirements they can transfer their major from “Pre IT” to IT and meet with an advisor in Meshel Hall.
### Information Technology Systems – BSAS

#### Database Option

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<thead>
<tr>
<th>Required courses for IT (min. 55 sh)</th>
<th>Minor Courses **</th>
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<tbody>
<tr>
<td><strong>CSIS</strong> 1525 Survey of Modern Operating Systems (CSIS 1500)</td>
<td>Minors are listed in the Undergraduate Bulletin—minimum of 18sh (6 sh must be upper division) unless otherwise stated by the Department</td>
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<tr>
<td><strong>CSIS</strong> 1590 Survey of Computer Science &amp; Info Systems (Math 1501 or Level 3 on placement)</td>
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<td><strong>CSIS</strong> 1560 or 2610 Basic Programming or Programming &amp; Problems Solving (CSIS 1590)</td>
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<td><strong>INFOT</strong> 2663 IT Management (CSIS 1590)</td>
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<td><strong>INFOT</strong> 3704 Business Communication (Engl 1550)</td>
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<td><strong>INFOT</strong> 3774 Multimedia Technology (CSIS 1590)</td>
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<td><strong>INFOT</strong> 4880 Information Technology Analysis &amp; Design (CSIS 3722; CSIS 3723 or 3782)</td>
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<td><strong>CSIS</strong> 3722 Development of Databases (CSIS 1590)</td>
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<tr>
<td><strong>CSIS</strong> 3723 or 3783 Networking Concepts &amp; Administration (CSIS 1590) or Cisco Networking Academy II (CSIS 3782)</td>
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<td><strong>CSIS</strong> 3732 Intranet Database Implementation (CSIS 3722 and CSIS 1560 or 2610)</td>
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<td><strong>CSIS</strong> 3726 Visual/Object-Oriented Programming (CSIS 2610)</td>
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<td><strong>CSIS</strong> 4822 Database Applications (CSIS 3722)</td>
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<td><strong>CSCI</strong> 4890 Computer Project</td>
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#### Required Electives (15sh)

At least 15 sh of upper level IT, CSIS, CIS or CSCI courses.

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### Notes:

- 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, minor, and support courses.

* The following courses do NOT count as hours towards graduation: Math 1500, 1501, 1502, 1503, 1504, & 1507, Engl 1509, 1512, 1539 & 1540, and Reading and Study Skills 1510A and 1510B.