

Information Assurance & Forensics

Bachelor of Technology (124 credit hours)

With the formation of the Department of Homeland Security, recent cyber threats, government regulations and legislation, information assurance and forensics is quickly becoming one of the fastest-growing workforce sectors. This growth has brought about an increased demand for individuals well prepared to guard the safety and economic health of organizations through protection of sensitive, valuable data, and major information technology and telecommunications investments.

As organizations increasingly use networks and the Internet to improve their competitiveness, efficiency, and quality of service, and as IT systems become more complex, organizational vulnerabilities will only multiply, as will the need for the information-security personnel. This program will prepare individuals to protect computers, computer systems and networks from threats—such as hackers, viruses and worms—and investigate illicit cyber activities.

OSU-Okmulgee's information assurance and forensics curriculum has been certified by the National Security Agency's Committee on National Security Systems (CNSS). Students satisfactorily completing the appropriate security coursework will automatically receive the corresponding CNSS certification(s).

Students wishing to undertake a Bachelor of Technology degree are required to meet or exceed the following admissions standards in addition to specific program requirements:

ACT score of 19 or higher in all subcomponents, or Compass scores of 81 in Reading, 74 in English, 42 in College Algebra and a combined Reading and Algebra score of 123, or have removed any identified deficiencies through appropriate remediation.

The Bachelor of Technology programs are designed so that a student will earn a corresponding associate degree during his or her pursuit of the BT degree. A student is required to hold an associate degree or higher to fulfill the requirements of the Bachelor of Technology degree.

Individuals who wish to gain admittance to the OSU-Okmulgee Bachelor of Technology in Information Assurance & Forensics program are required to obtain clear background reviews.

For program-specific information, please contact the Information Technologies office at 918.293.5440 or infotech@okstate.edu.



**1.800.722.4471
www.osu-okmulgee.edu**

DEPARTMENTAL REQUIREMENTS: 70 CREDIT HOURS

1000/2000 LEVEL COURSES: 33 CREDIT HOURS

INFORMATION TECHNOLOGIES CORE (21 CREDIT HOURS)

- ITD 1213 Hardware Systems Support
- ITD 1223 Network Systems
- ITD 1333 Object-Oriented Programming using Java
- ITD 1353 Web Programming & Development
- ITD 2203 Database Systems
- ITD 2223 Operating Systems
- ITD 2313 Script Programming

INFORMATION ASSURANCE & FORENSICS (6 CREDIT HOURS)

- ITD 1243 Principles of Information Security
- ITD 2413 Enterprise Security Management

APPROVED ELECTIVES: 6 CREDIT HOURS

3000/4000 LEVEL COURSES: 37 CREDIT HOURS

INFORMATION TECHNOLOGIES CORE (7 CREDIT HOURS)

- ITD 3201 Employment Orientation
- ITD 4113 IT Project Management
- ITD 4123 Applied Research & Development

INFORMATION ASSURANCE & FORENSICS (15 CREDIT HOURS)

- ITD 3423 Secure Electronic Commerce
- ITD 3433 Digital Forensics
- ITD 3443 Network Security
- ITD 3523 Computer Security
- ITD 3533 Security System Administration

APPROVED 3000 4000 LEVEL ELECTIVES: 15 CREDIT HOURS

ITD 4800 INTERNSHIP (6-12 CREDIT HOURS) AND/OR APPROVED ELECTIVES (3-9 CREDIT HOURS)



PROGRAM TECHNOLOGIES AND TOPICS INCLUDE:

- | | | | |
|--|-----------------------|----------------------------|-------------------------|
| • Digital Currency/
Electronic Transactions | • Access Controls | • Viruses | • Biometric Devices |
| • Virtual Private Network | • Cryptography | • Security Vulnerabilities | • Tracking Email |
| • Digital Forensics | • Logging | • HIPAA | • Password Cracking |
| • Network Intrusion
Detection Systems | • Packet Filtering | • Social Engineering | • Imaging Drives |
| • Digital Certificates & Keys | • Firewalls | • Wireless | • Security Architecture |
| • Public Key Infrastructure | • Incident Handling | • Encryption | • Software Security |
| • Internet/Network Scanners | • Risk Management | • Digital Evidence | • Digital PINs |
| | • Disaster Recovery | • Web Hacking | • Remote Connectivity |
| | • Network Programming | • Database Attacks | • Secure Protocols |

GENERAL EDUCATION REQUIREMENTS: 53 CREDIT HOURS

GENERAL EDUCATION

CORE REQUIREMENTS (32 CREDIT HOURS):

ENGLISH COMPOSITION (6 CREDIT HOURS)

- ENGL 1113 Freshman Composition I
- ENGL 1213 Freshman Composition II

U.S. HISTORY (3 CREDIT HOURS)

- HIST 1483 U.S. History to 1865 or
- HIST 1493 U.S. History since 1865

U.S. GOVERNMENT (3 CREDIT HOURS)

- POLS 1113 U.S. Government

HUMANITIES (6 CREDIT HOURS)

- PHIL 1213 Ethics
- PHIL 1313 Introduction to Logic

MATHEMATICS (3 CREDIT HOURS)

- MATH 1513 College Algebra

SCIENCE (8 CREDIT HOURS)

At least 1 lab science course

APPROVED ELECTIVE (3 CREDIT HOURS)

From Social Sciences, Foreign Language or Fine Arts

GENERAL EDUCATION PROGRAM REQUIREMENTS (21 CREDIT HOURS):

COMMUNICATIONS (3 CREDIT HOURS)

- SPCH 1113 Introduction to Speech
- SPCH 2313 Small Group Communications

MATHEMATICS (6 CREDIT HOURS)

- MATH 3103 Discrete Mathematics
- STAT 2013 Elementary Statistics

GENERAL BUSINESS (3 CREDIT HOURS)

- BADM 1113 Introduction to Business
- MGMT 2243 Small Business Management
- MGMT 2913 Leadership and Org. Behavior

APPROVED ELECTIVES (9 CREDIT HOURS)

INTERDEPARTMENTAL REQUIREMENTS: 1 CREDIT HOUR

GTGE 1111 College Cornerstone

* PHIL 1213 and PHIL 1313 are required components for the Information Assurance and Forensics degree.

ADMISSIONS

OSU-Okmulgee is a public, state supported technical college granting the Associate in Applied Science degree, the Associate in Science degree, and the Bachelor of Technology degree. Admissions standards are those set by the Oklahoma State Regents for Higher Education. OSU-Okmulgee is an open-door institution. The five steps for gaining admission are outlined below.

1. APPLICATION

Complete both sides of the Admission Application and return it to the Admissions Office.

2. TRANSCRIPT

Submit an official 8-semester High School transcript, GED certificate and/or official transcripts from all colleges attended.

3. ACT

Submit ACT scores. There is no minimum score required for admission. These scores are used for placement and scholarships. You can take the ACT test on one of the National ACT testing dates or take the residual test at OSU-Okmulgee.

4. COMPASS

This is a 1 to 1 1/2 hour self-paced computerized assessment of your reading, math and English skills. The Compass Assessment can be taken on-campus weekdays between 7:30 a.m. and 2:30 p.m. Off-campus testing may be arranged by contacting the Assessment Center.

5. REGISTRATION

After the Admissions process is completed, your academic department will assist you with enrollment.

STUDENT FINANCIAL SERVICES

SCHOLARSHIPS

OSU-Okmulgee offers academic competitive scholarships. A separate Scholarship Application form is required. Deadline for submission is March 1st each year.

Student Loans

A loan application must be completed in Student Financial Services. Federal Loans: Federal Perkins Loan, Subsidized Stafford Loan, Unsubsidized Stafford Loan, Parent Loan for Undergraduate Students.

Follow these steps when applying for financial aid:

1. Complete the Free Application for Federal Student Aid. The FAFSA can be obtained in all high school guidance counselor offices or by contacting OSU-Okmulgee Student Financial Services. You will need income tax documents in order to fill out your FAFSA. OSU-Okmulgee's Title IV School Code is 003172.

2. Submit your completed FAFSA for Processing. Option 1: Mail your FAFSA directly to the Federal Student Aid Processing Center in the envelope provided with the FAFSA. OR Option 2: Have your FAFSA filed electronically. There is no charge for electronic filing. <http://www.fafsa.ed.gov/>

3. Wait for a response. OSU-Okmulgee Student Financial Services will be in touch with you by mail as soon as we receive your financial aid application results.

4. Award notification. Student Financial Services will send you an Award Notification Letter listing the types and amounts of financial assistance you can expect to receive.

**TO SCHEDULE A CAMPUS TOUR,
CONTACT PROSPECTIVE STUDENT SERVICES
918.293.4680 OR 1.800.722.4471**

IMPORTANT PHONE NUMBERS

OSU-Okmulgee 918.293.4678
Prospective Student Services 293.4680
Assessment Center 293.5248

Student Financial Services 293.4684
Residential Life 293.4928
Registrar 293.4682

HOUSING AND MEALS

All students who live on campus, with the exception of those who live in apartments, are required to select one board plan with their room plan. A \$150.00 deposit is required to reserve a room.

FULL SEMESTER

Housing Plans	Per Sem
2 bdrm/nonsuite	\$1500.00
2 bdrm suite	\$1615.00
4 bdrm/2 BA suite	\$1730.00
Hannigan/England	\$1500.00

INTERN (8 WEEKS)

Housing Plans	Per Sem
2 bdrm/nonsuite	\$900.00
2 bdrm suite	\$970.00
4 bdrm/2 BA suite	\$1040.00
Hannigan/England	\$900.00

University Apartments

Family Housing

2 bdrm/1 BA	\$2215.00
Non Traditional*	
2 bdrm/1 BA	\$1845.00

University Apartments

Family Housing

2 bdrm/1 BA	\$1330.00
Non Traditional*	
2 bdrm/1 BA	\$1105.00

Meal Plans:

20 Meal Plan	\$925.00
15 Meal Plan	\$865.00
10 Meal Plan	\$728.00
Declining Balance	\$500.00

Meal Plans:

20 Meal Plan	\$555.00
15 Meal Plan	\$518.00
10 Meal Plan	\$437.00
Declining Balance	\$300.00

*Requires approval of Director of Residential Life

TUITION AND FEES

The required fees and nonresident tuition for Oklahoma State University-Okmulgee are established by the Oklahoma State Regents for Higher Education. Fees do not include the costs of individual textbooks, tool kits, uniforms, or other materials which vary according to the student's program of study. Students who enroll in programs of study that require individual tool kits, uniforms or other materials will obtain these items as specified by the department. In most cases these items can be purchased through the institution. The costs will vary from program to program and are subject to change without notice. Incidental and personal expenses for items such as clothing and entertainment will vary with the individual student.

Oklahoma Resident

TOTAL PER SEMESTER CREDIT HOUR	\$109.50
IT, ETD, NURS, CUA, WMT, CET Courses Per Credit Hr	\$117.00

Nonresident

TOTAL PER SEMESTER CREDIT HOUR	\$254.50
IT, ETD, NURS, CUA, WMT, CET Courses Per Credit Hr	\$262.00

* Additional Fees (Per Credit Hour)

Remedial Supplementary Fee	\$ 18.50
Advanced Standing Examination Fee	\$ 5.00
Late Enrollment Fee	\$ 10.00
Application Fee (one time)	\$ 15.00
Off-Campus Electronic Media Fee	\$ 25.00

- Additional lab fees may apply to specific programs.
- All charges are due by the first day of class each semester. A late payment penalty of 1% per month will be assessed on delinquent accounts.

All costs are subject to change without notice and will be confirmed upon request.

*(Non-resident fee waivers available to those who qualify.)

Toll Free 800.722.4471
TDD/TTY (Hearing Impaired) 293.4636