

2009-2010

B.A. in Accounting/Computer Science

College of Business and Economics
College of Sciences and Technology

What Is the Study Of Accounting/Computer Science?

Accounting is an important tool used by managers of organizations to plan, control and report financial activity. A thorough knowledge of accounting is necessary to understand the operation and financial condition of any business, non-profit organization or governmental agency. In addition, the Accounting curriculum provides a foundation for students who plan to take examinations to become a Certified Public Accountant (CPA) or Certified Management Accountant (CMA).

Why Should I Consider This Major?

The Accounting major offers a broad program of Accounting/Computer Science courses, which—coupled with required and elective courses in Economics and Business Administration—provides the graduate with a sound foundation for an accounting career or post-graduate studies. The Accounting graduate can expect to find employment in a number of areas, e.g. private business, public accounting, not-for-profit organizations or governmental units. Typical work may include cost analysis, taxation, auditing, accounting systems, taxation or cash management. Additionally, the Accounting/Computer Science graduate can specialize and become an expert in computer auditing and internal controls, accounting information systems, e-commerce, security, and information systems consulting.

How to Declare:

Admission to programs in the College of Business and Economics (CBE) is selective and based upon prior academic performance and other evidence of high promise. Students may apply for admission to the College any time after they are offered admission to Western Washington University and have at least 45 credits.

Applicants who have completed the equivalent of the foundation courses listed below with at least a 2.75 GPA, or who have a cumulative GPA of at least 2.50, are assured admission if space is available in their program of choice.

Foundation courses: ACCT 240 and 245; DSCI 205; ECON 206 and 207; MATH 157; and MGMT 271.

Complete the online application form at: <http://www.cbe.wvu.edu/College/Applications.asp>

Mid-Program Checkpoint:

Students intending to complete a Bachelor of Arts degree in Accounting/Computer Science within four years should complete the following courses by the start of their junior year. Students are expected to follow all prerequisite requirements for courses and seek early departmental advisement.

Coursework:

Complete business foundation courses:

Year 1: MATH 157
ECON 206, 207
MGMT 271
Year 2: ACCT 240, 245
DSCI 205

Other Activities:

Meet with Departmental advisor regarding choice of major and plan of study.
Stay involved in the Accounting Society!

Contact Information:

Accounting Department
Website:

<http://www.cbe.wvu.edu/acct>

Computer Science
Department Website:

<http://newwww.cs.wvu.edu/>

Accounting Department
Chair:

George Sanders
PH 451A, 360-650-4811
George.Sanders@wwu.edu

Academic Department
Manager:

Marty Hitchcock
PH 451, 360-650-3202
Marty.Hitchcock@wwu.edu

Computer Science
Undergraduate Advisor:

Julie Marx
CF 459, 360-650-2300
Julie.Marx@wwu.edu

Sample Careers:

Certified Public Accountant
Consultant
Auditor
Fraud Examiner
Cost Analyst
Estate Planner
Controller
FBI Agent



Accounting/Computer Science Major Requirements: 111 credits

Foundation courses: (28 credits)

ACCT 240 Financial Accounting (4)
ACCT 245 Managerial Accounting (4)
DSCI 205 Business Statistics (4)
ECON 206 Introduction to Microeconomics (4)
ECON 207 Introduction to Macroeconomics (4)
MATH 157 Calculus with Applications to Business & Economics (4)
MGMT 271 Law and the Business Environment (4)

Business Core Courses: (28 credits)

ECON 309 Managerial Economics (4)
FIN 341 Principles of Finance (4)
MGMT 311 Introduction to Management & Organizational Behavior (4)
MGMT 482 Business and Its Environment (4)
MGMT 492 Entrepreneurial Problems (4)
Orr MGMT 495 Strategic Management (4)
MKTG 380 Principles of Marketing (4)
OPS 360 Operations Management (4)

Accounting Core Courses: (24 credits)

ACCT 321 Accounting Information Systems I (4)
ACCT 331 Cost Management (4)
ACCT 341 Intermediate Accounting Theory and Practice I (4)
ACCT 342 Intermediate Accounting Theory and Practice II (4)
ACCT 343 Intermediate Accounting Theory and Practice III (4)
ACCT 461 Auditing Theory and Practice (4)

Computer Science Core Courses: (31 credits)

CSCI 141 Computer Programming I (4)
CSCI 145 Computer Programming II (4)
CSCI 211 Discrete Structures and Functional Programming (4)
CSCI 241 Data Structures I (4)
CSCI 245 Object-Oriented Programming in C++ (4)
CSCI 342 Web Script Programming (4)
CSCI 351 Windows Software Development (3)
CSCI 442 Advanced Web Programming in Java (4)

All CBE majors are required to take one communication focus (CF) course and complete the upper-division writing proficiency (WP) requirement. The CF and WP courses must be taken within CBE and can be completed as part of the required and elective courses. Consult the Online Timetable of Classes for the specific course sections that fulfill the CF and WP requirements.

These courses are offered within this major and may be used to satisfy GUR or Writing Proficiency requirements.

QSR: MATH 157 or MATH 124

SSC: ECON 206, 207

MGMT 271

WP: Three Writing Proficiency points are required for graduation (they are noted as WP1, WP2, and WP3). Check [Classfinder](#) or [Online Timetable](#) for departmental offerings each quarter.

Other Accounting or Computer Science options:

B.A. Accounting (100 credits)

B.A. Economics/Accounting (100-101 credits)

B.S. Computer Science (89-93 credits)

B.S. Mathematics/Computer Science (91 credits)

Minor in Accounting (24 credits)

Minor in Computer Science (39-40 credits)

Minor in Internet Resource Creation and Management (28-29 credits)

Internet Studies Center Certification (Computer Science Department)