UNIVERSITY ORIENTATION TROY 1101

Instructor: M.A. Nguyen Kieu Anh

Week 2

Curriculum

- BSBA: Bachelor of Science in Business Administration – Global Management

- BSCS: Bachelor of Science in Computer Science

Curriculum

- What consist of a BA curriculum

  + General Studies (about 50 credits)

  + Major (50 – 60 credits)

  + Electives (18 – 22 credits)

Curriculum

- Main requirements for each program must be based on Troy Curriculum found in the following website address.
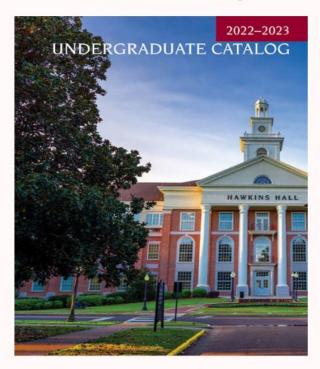
https://www.troy.edu/academics/catalogs/2022-23.html

- For students who transfer to Troy main campus, electives are variable.

- For students who study at Hanoi sites, electives will be limited due to the number of students.
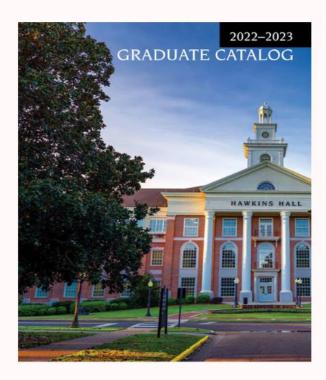
Academic Catalog

BSBA Curriculum- General Studies

GENERAL STUDIES

Code	Title	Hrs. Req.	Prerequisite	Note
TROY 101/TR	University Orientation	1	None	
MUS 131/TR	Music Appreciation	2	None	
ART 1133	Visual Art	2	None	
HIS 122/TR	World History I	3	None	
HIIS 123/TR	World History I	3	None	
SPH 241/TR	Fundamentals of Speech	3	None	
BIO/L10/TR	Principles of Biology	4	None	
MTH 112/TR	Pre-Algebra Calculus	3	None	
SCI/L23/TR	Physical Science & Lab	4	None	
IS 241/TR	Computer Concepts and Applicatio	3	None	
MTH 201/TR	Business Calculus	3	MTH 112	
ECO 251/TR	Principles of Macroeconomics	3	None	
ECO 252/TR	Principles of Microeconomics	3	None	
ENG 1101	English Compostion 1	3	IELTS 5.5	
ENG 1102	English Compostion 2	3	ENG 1101	
ENG 2205	World Literature 1	3	ENG 1102	
ENG 2206	World Literature 2	3	ENG 1102	

BSBA Curriculum- Major

ENTRY LEVEL BUSINESS CORE		(18 h		
COURSE		Hrs. Req.		
The following 2000-level Courses must have a "C" or better				
ACT 2291	Principles ACCT I	3	None	
ACT 2292	Principles ACCT II	3	ACT 291	
LAW 2221	Legal Environment	3	None	
QM 2241	Business Statistics	3	MTH 112	
MGT 3300	Principles of Management	3	None	
MKT 3300	Principles of Marketing	3	None	
UPPER LEVEL BUSINESS CORE		(19 hours)		
BUS 3310	Innovative Practices/Thoughts	1	Lower courses	
BUS 3382	Business Communications	3	Lower courses	
IS 3310	Electronic Business and Data Anal	3	Lower courses	
FIN 3331	Managerial Finance	3	Lower courses	
QM 3345	Operations Management	3	Lower courses	
BUS 4474	Business & Society	3	Lower courses	
MGT 4476	Strategic MGT *(last semester)*	3	Lower courses	

BSBA Curriculum- Major

GLOBAL BUS MAJOR REQUIREMENT		(18 hours)		
ECO 4451	International Trade	3	Lower courses & General Studies	
ECO 3352	Intermediate Micro	3	Lower courses & General Studies	
MGT 3375	Global HR MGT	3	Lower courses & General Studies	
MGT 4471	Leadership/Change	3	Lower courses & General Studies	
MKT 4468	Global Marketing	3	Lower courses & General Studies	
MGT 4478	Managing in Global Envir *(capstone)*	3	Lower courses & General Studies	
MANAGEMENT CONCENTRATION				
Required Classes (12 hours)			Lower courses	
MGT 3380	Principles of Supervision	3	Lower courses & General Studies	
MGT 4472	Organizational Behavior	3	Senior	
MGT 4440	Develop/Lead Effective Teams	3	Lower courses & General Studies	
MGT 4479	Management Seminar	3	Senior	
Select two of the following five courses				
MGT 4460	Introduction to Project Management	3	Lower courses & General Studies	
HRM4481	Staffing	3	Lower courses & General Studies	
MKT 364/TR	Service Marketing	3	Lower courses & General Studies	
IS 4440	Knowledge Management and Business Intelligence	3	Lower courses & General Studies	
MKT 462/TR	Consumer Behavior	3	Lower courses & General Studies	
HRM 4483	Humman Resource Development	3	Lower courses & General Studies	

Sorrell College of Business

SORRELL COLLEGE OF BUSINESS

TROY UNIVERSITY SCOB MISSION STATEMENT

The Sorrell College of Business (SCOB) prepares a diverse student body, drawn primarily from Alabama and surrounding states, to become successful, ethical and engaged business professionals with the knowledge to compete in the global business environment.

To achieve this our faculty, staff, and administration will:

Provide quality undergraduate and graduate education in global business through high-quality **teaching;**

Serve the university and **engage** with business and professional communities in our primary service area through individual involvement and our centers for research and outreach;

Grow and enhance the longstanding "culture of **caring**" for our traditional, nontraditional, military, and international students; and

Contribute to the creation of knowledge, with a focus on the **scholarship** of application and integration, and teaching and learning, complemented by basic and discovery scholarship in select disciplines.

TROY UNIVERSITY SCOB VISION STATEMENT

The Sorrell College of Business strives to be a renowned teaching-focused business college graduating GEEKS ready to succeed in business and life.

ACCREDITATION

The undergraduate and graduate programs offered in the Sorrell College of Business are accredited by AACSB International-The Association to Advance Collegiate Schools of Business. The undergraduate and graduate accounting programs offered in the School of Accountancy are separately accredited by AACSB International.

B.S.B.A. BUSINESS ADMINISTRATION DEGREE REQUIREMENTS

For more information, see the index listings for baccalaureate degree parameters, general studies, and academic regulations.

Specialized Requirements

Students must complete the following lower-level courses (or their approved transfer credit equivalents) with a grade of "C" or higher in each course before registering for any upper level course in the business curriculum: ENG 1101/03, ENG 1102/04, MTH 1112. Students are allowed a maximum of three attempts at completing each of these courses with a grade of "C" or higher. Students must have a 2.0 average in all of the following lower-level business courses before being admitted to the business program: IS 2241, ACT 2291/92, ECO 2251/52, QM 2241, LAW 2221, MGMT 3300, MKT 3330. Students may enroll concurrently in the last of these courses along with their initial 3000-level courses (MGT 3300 and MKT 3300 only) subject to their advisor's approval and consistent with published prerequisite requirements.

Students entering Troy University with an interest in business (as freshmen or sophomores) will be enrolled as General Business

would be completed over two consecutive terms. Students who do not meet the Business Program requirements will be denied entry until those requirements are met.

Students in their last term of completing the 65 hour requirement and have less than 15 hours (or less than 6 hours if on terms) remaining to meet the 65 hour requirement should contact the department of the major of interest. The Dean or Associate Dean may approve the student to register for up to an additional twelve hours (if on a semester; two courses if on terms) and the one-hour Intermediate Excel class of the courses listed above so they may qualify for full-time student status. However, they must meet the GPA requirement and have obtained at least a "C" in those 1000/2000 level courses already taken and that are listed in paragraph one; otherwise they will not be allowed to register for the additional upper level courses. Students who do not complete the final course(s) with a passing grade and a GPA of at least a 2.0 (2.3 for accounting majors), will not be allowed to take any more upper level courses until they meet the standards.

Admission as a Transfer Student-Transfer credit will not be awarded for any course to be used in the business core or major in which a "C" grade or higher has not been achieved.

Transfer credits acceptable for admission purposes shall be evaluated to determine their suitability for degree credit in the Sorrell College of Business Administration. The Dean of the College will make the final decision concerning transfer credit

BSCS Curriculum

No	Code	Course title	Credits	Pre-requisite	
General studies					
1	TROY 101	University Orientation	1	None	
2	ENG 1101	English Composition 1	3	IELTS 5.5	
3	ART 133	Visual Art	2	None	
4	HIS 122	World History to 1500	3	None	
5	BIO/L100	Principles of Biology & Lab	4	None	
6	HIS 123	World History after 1500	3	None	
7	MUS 131	Music Appreciation	2	None	
8	SPH 241	Fundamentals of Speech	3	None	
9	ENG 1102	Composition and Modern English II	3	ENG 1101 with C	
10	ENG 2205	World Literature I	3	ENG 1102 with C	
11	ENG 2206	World Literature II	3	ENG 1102 with C	
12	MTH 112	Pre-Calculus Algebra	3	None	
13	MTH 1114	Pre-Algebra Trinogometry	3	MTH 112	
14	CHM/L142	General Chemistry and Lab1	4	None	
15	CHM/L143	General Chemistry and Lab2	4	CHM/L 142	

BSCS Curriculum

Required major courses				
17	MTH 1125	Calculus I	4	MTH 1114 with C
18	MTH 1126	Calculus II	4	MTH 1125
19	CS 2220	Numerical Methods in Computing	3	MTH 1112 with C
20	CS 2250	Computer Science I	3	MTH 1112 with C
21	CS 2255	Computer Science II	3	CS 2250
22	CS 3310	Foundations of Computer Science	3	MTH 1112 with C
23	CS 3323	Data Structures	3	CS 2255 and MTH 1125
24	CS 3329	Analysis of Algorithms	3	CS 3323
25	CS 3332	Software Engineering I	3	CS 3323
26	CS 3360	Concepts of Object-Oriented Programming	3	CS 2255
27	CS 3365	Introduction to Computer Organization and Architectures	3	CS 3310
28	CS 3370	Nature of Programming Languages	3	CS 3323
29	CS 3372	Formal Languages and the Theory of Computation	3	CS 3323
30	CS 4420	Introduction to Database Systems	3	CS 3323
31	CS 4445	Data Communication and Networking	3	CS 3323
32	CS 4448	Operating Systems	3	CS 3323
33	MTH 2210	Applied Statistics	3	MTH 1112 with C
34	MTH 2215	Applied Discrete Mathematics	3	MTH 1112 with C

BSCS Curriculum

Major electives (Choose two of the following courses)				
35	CS 4447	Systems Analysis and Design	3	CS 3323
36	CS 4451	Computer Security and Reliability	3	CS 3323
37	CS3320	Business System Programming	3	CS 2255
38	CS 3325	Operation Serearch	3	MTH 1125
39	CS 3331	Fundamentals of Artificial Intelligence	3	CS 3323
40	CS 4443	Web Based Software Development	3	CS 3323
Free Electives (20 credits at maximum)				
40	MTH 1112 (r	Pre-Calculus Algebra	3	
41	MTH 1114 (r	Pre-Algebra Trinogometry	3	MTH 1112 with C
42	MGT 3300	Principles of Management	3	
43	LAW 2241	Legal Environment	3	
44	IS 2241	Computer Concepts & Applications	3	
45	MGT 4471	Leadership and change	3	MGT 3330
46	MKT 3361	Principles of Marketing	3	
47	BIO/L 2230	Principles of Biology and Lab	4	
48	MGT 4460	Project Management	3	MGT 3330

CS program at TROY vs at HUST

			40		
Required major courses					
17	MTH 1125	Calculus I	4	MTH 1114 with C	Calculus 1
18	MTH 1126	Calculus II	4	MTH 1125	Calculus 2
19	CS 2220	Numerical Methods in Computing	3	MTH 1112 with C	Calculus 3
20	CS 2250	Computer Science I	3	MTH 1112 with C	Nhap mon PP Toi uu
21	CS 2255	Computer Science II	3	CS 2250	Introduction to IT
22	CS 3310	Foundations of Computer Science	3	MTH 1112 with C	Applied Algorithm
23	CS 3323	Data Structures	3	CS 2255 and MTH 1125	Analysis and Design
24	CS 3329	Analysis of Algorithms	3	CS 3323	Data Structure and Algorithm
25	CS 3332	Software Engineering I	3	CS 3323	Introduction to Software Engineering
26	CS 3360	Concepts of Object-Oriented Programming	3	CS 2255	Object Oriented Programming
27	CS 3365	Introduction to Computer Organization and Architectures	3	CS 3310	Computer Architecture
28	CS 3370	Nature of Programming Languages	3	CS 3323	Introduction to Machine Learning and Data Mining
29	CS 3372	Formal Languages and the Theory of Computation	3	CS 3323	Program Techniques
30	CS 4420	Introduction to Database Systems	3	CS 3323	Database
31	CS 4445	Data Communication and Networking	3	CS 3323	Computer Networking
32	CS 4448	Operating Systems	3	CS 3323	Operating System
33	MTH 2210	Applied Statistics	3	MTH 1112 with C	Probability and Statistics
34	MTH 2215	Applied Discrete Mathematics	3	MTH 1112 with C	Discrete Mathematics

Major electives (Choose two of the following courses)					
35	CS 4447	Systems Analysis and Design	3	CS 3323	System Analysis and Design
36	CS 4451	Computer Security and Reliability	3	CS 3323	Project 1
37	CS3320	Business System Programming	3	CS 2255	Project 2
38	CS 3325	Operation Serearch	3	MTH 1125	Project 3
39	CS 3331	Fundamentals of Artificial Intelligence	3	CS 3323	Introduction to AI
40	CS 4443	Web Based Software Development	3	CS 3323	& 16 tin theo dinh huong: Cong nghe Phan mem, HTTT
Free Electives (20 credits at maximum)					
40	MTH 1112 (r	Pre-Calculus Algebra	3		Algebra
41	MTH 1114 (r	Pre-Algebra Trinogometry	3	MTH 1112 with C	Technology and Technical Design Thinking
42	MGT 3300	Principles of Management	3		Introduction to Management
43	LAW 2241	Legal Environment	3		
44	IS 2241	Computer Concepts & Applications	3		Introduction to Informatics
45	MGT 4471	Leadership and change	3	MGT 3330	Business Culture and Entrepreuner
46	MKT 3361	Principles of Marketing	3		Applied Psychology
48	MGT 4460	Project Management	3	MGT 3330	Technical Project Management
	Reference:				
	www.troy.edu				

COLLEGE OF ART & SCIENCE

CHM 4493/4 (1-3) Guided Independent Study
CHM 4499 (1) Senior Research Seminar
STAT 2210 (3) Introductory Statistics

CHEMISTRY MINOR (20 HOURS)
CHM 1142 (3) General Chemistry I
CHM L142 (1) General Chemistry I Lab
CHM 1143 (3) General Chemistry II
CHM L143 (1) General Chemistry II Lab
CHM 3342 (3) Organic Chemistry I
CHM L342 (1) Organic Chemistry I Lab
CHM 3343 (3) Organic Chemistry II
CHM L343 (1) Organic Chemistry II Lab

Select four additional hours of advanced chemistry courses, such as:
CHM 2242 (3) Analytical Chemistry
CHM L242 (1) Analytical Chemistry Lab
CHM 3352 (3) Biochemistry
CHM L352 (1) Biochemistry Lab

COMPREHENSIVE GENERAL SCIENCE PROGRAM (54 HOURS)
Specialized General Studies Requirements
Area III
BIO 1100 (3) Principles of Biology
BIO L100 (1) Principles of Biology Lab
CHM 1142 (3) General Chemistry I
CHM L142 (1) General Chemistry I Lab
MTH 1125 (4) Calculus I

Area V
IS 2241 (3) Computer Concepts/Applications
PHY 2262 (3) Physics I w/Calculus
PHY L262 (1) Physics I w/Calculus Lab
SCI 2234 (3) Earth & Space Science
SCI L234 (1) Earth & Space Science Lab

CS 2255 (3) Computer Science II

Select 12 semester hours of computer science courses with at least one course being at the 4000 level.

COMPUTER SCIENCE PROGRAM (48 HOURS)
Specialized General Studies Requirements
Area III
MTH 1125 (4) Calculus I, in lieu of MTH 1110

Select a four hour course/lab combination from the following:
(Students must complete an eight hour sequence in chemistry or physics. Also see Area V Requirements.)
CHM 1142 (3) General Chemistry I
CHM L142 (1) General Chemistry I Lab
PHY 2252 (3) General Physics I
PHY L252 (1) General Physics I Lab
PHY 2262 (3) Physics I with Calculus
PHy L262 (1) Physics I with Calculus Lab

Select remaining Area III courses as shown in the General Studies section of this catalog.

Area V Requirements
CS 2250 (3) Computer Science I
MTH 1126 (4) Calculus II
TROY 1101 (1) University Orientation

Select a four hour course/lab combination from the following:
(Students must complete an eight hour sequence in chemistry or physics. Also see Area III.)
CHM 1143 (3) General Chemistry II
CHM L143 (1) General Chemistry II Lab
PHY 2253 (3) General Physics II
PHY L253 (1) General Physics II Lab
PHY 2263 (3) Physics II with Calculus
PHY L263 (1) Physics II with Calculus Lab

Required Courses:
CS 2255 (3) Computer Science II
CS 3310 (3) Foundations of Computer Science
CS 3323 (3) Data Structures

COURSE DESCRIPTION

COURSE DESCRIPTIONS

Single numerals within parentheses reflect course credit hours. Numerals within parentheses separated by a dash reflect credit hours followed by contact hours. For more information students may contact their academic advisers.

ACCOUNTING COURSES (ACT)

ACT 2291   **Principles of Accounting I (3)**
Modern financial accounting theory and practices applied to sole proprietorships, partnerships, and corporations. All Students must complete this course with a grade of C or better.

ACT 2292   **Principles of Accounting II (3)**
Modern financial and managerial accounting theory and practices applied to an organization's liabilities, cash flows, planning, budgeting, and control. All Students must complete this course with a grade of C or better.
Prerequisite: ACT 2291.

ACT 3355   **Internal Auditing (3)**
Internal auditing theory as contained in official pronouncement (IIASB, COSO, COBIT, Sarbanes-Oxley). Emphasis will be placed on material required for the CPA exam as it relates to professional ethics, audit engagement procedures, internal control, audit sampling, evidence gathering and auditor's reports.
Prerequisites: ACT 2292.

ACT 3357   **Financial Reporting & Analysis I (3)**
Study of financial accounting concepts and principles related to financial reporting emphasizing income measurement and accounting for assets. Accounting majors must complete this course with a grade of C or better.
Prerequisites: ACT 2292.

ACT 3358   **Financial Reporting & Analysis II (3)**
Study of accounting concepts and principles related to financial reporting of long-term debt, owners' equity and other special items. Accounting majors must complete this course with a grade of C or better.

majors must complete this course with a grade of C or better.
Prerequisite: ACT 2292.

ACT 3395   **Managerial/Cost Accounting I (3)**
An analysis of issues dealing with cost accounting and cost management in the global economy from the viewpoint of management, including calculating product costs and period expenses, cost systems for accumulating and managing costs, analyzing cost behavior for tactical decisions, introduction to activity-based costing, ethical principles for management accountants, measuring the costs of quality, and preparing the master budget. Accounting majors must complete this course with a grade of C or better.
Prerequisite: ACT 2292.

ACT 3396   **Accounting Information Systems (3)**
Principles underlying establishment of complete accounting systems; applications to typical business organization; emphasis on the functions of control and protection. Accounting majors must complete this course with a grade of C or better.
Prerequisite: ACT 2292.

ACT 4435   **International Accounting (3)**
An overview of emerging issues related to international accounting and reporting of financial information across national boundaries. The course will address topics such as accounting and auditing standards, disclosure practices, and financial reporting in a global business environment. Accounting majors must complete this course with a grade of C or better.
Prerequisite: ACT 2292.

ACT 4450   **Auditing Concepts (3)**
Study of auditing concepts related to professional ethics, audit engagement, internal control, audit sampling, evidence gathering and auditors' reports

Course Pre-requisite