

DIPLOMA IN SUPPLY CHAIN MANAGEMENT

Qualification code: DPSU19 - NQF Level 6 (360 credits)

SAQA ID: 100961, CHE NUMBER: H16/14314/HEQSF

Campus where offered:

Pretoria Campus

REMARKS

a. *Admission requirement(s) and selection criteria:*

Acceptance is subject to available capacity according to the Student Enrolment Plan (SEP). Once a programme is full, a waiting list will be in place to provide an opportunity for applicants to fill places of those who did not register on time. Applicants will be informed of their status per official letter from the Office of the Registrar, alternatively, they can check their application status on the TUT website, www.tut.ac.za.

• **APPLICANTS WITH A SENIOR CERTIFICATE OBTAINED BEFORE 2008:**

Admission requirement(s):

A Senior Certificate or an equivalent qualification. A minimum mark of 50% at Standard Grade and 40% at Higher Grade for English.

Recommended subject(s):

Commercial subjects.

Selection criteria:

Selection is based on academic assessment and TUT potential assessment. Evaluation of scholastic performance will be based on the student's M-score by using the following method:

SYMBOL	HG	SG
A	5	4
B	4	3
C	3	2
D	2	1
E	1	0

- Applicants who score 12 points will be accepted, those who score 10 to 11 points will be invited for an evaluation test, and those who score 9 points and less will not be accepted.
- The Department has the right to invite applicants for an evaluation test and personal interviews with a representative from the Department.

• **APPLICANTS WITH A NATIONAL SENIOR CERTIFICATE OBTAINED IN OR AFTER 2008:**

Admission requirement(s):

A National Senior Certificate with a bachelor's degree or a diploma endorsement, or an equivalent qualification with an achievement level of at least 4 for English (home language or first additional language) and 3 for Mathematics or Technical Mathematics or 4 for Mathematical Literacy.

Recommended subject(s):

Commercial subjects.

Selection criteria:

To be considered for this qualification, applicants must have an Admission Point Score (APS) of at least **22** (excluding Life Orientation).



Assessment procedures:

Applicants with a final APS of 24 and more will be admitted to the programme. Applicants with a score of 22 to 23 will be required to do the TUT potential assessment.

- **APPLICANTS WITH A NATIONAL CERTIFICATE (VOCATIONAL):**

Admission requirement(s):

A National Certificate (Vocational) with a bachelor's degree or a diploma endorsement, with at least 50% for English (home language or first additional language) and 40% for Mathematics or 50% for Mathematical Literacy, 40% for Life Orientation (excluded for APS calculation), and 50% for any other three compulsory vocational subjects.

The certificate must be in any of the following fields: accounting, computer science, economics, finance, hospitality, information technology, management, marketing, office administration or tourism.

Selection criteria:

To be considered for this qualification, applicants must have an Admission Point Score (APS) of at least **24** (excluding Life Orientation).

- b. *Recognition of Prior Learning (RPL), equivalence and status:*
See Chapter 30 of Students' Rules and Regulations.
- c. *Intake for the qualification:*
January only.
- d. *Presentation:*
Day classes.
- e. *Minimum duration:*
Three years.
- f. *Exclusion and readmission:*
See Chapter 2 of Students' Rules and Regulations.

CURRICULUM

FIRST YEAR

CODE	MODULE	NQF-L	CREDIT	PREREQUISITE MODULE(S)
ACP105D	Practical Accounting I	(5)	(24)	
BSM105D	Business Management I	(5)	(24)	
CAP105X	Communication for Academic Purposes	(5)	(10)	
CPL105X	Computer Literacy	(5)	(10)	
ECA115D	Economics IA (first-semester module)	(5)	(12)	
ECB115D	Economics IB (second-semester module)	(5)	(12)	
INI125D	Information Literacy I (block module)	(5)	(2)	
LF1125X	Life Skills I (block module)	(5)	(2)	
SCM105D	Supply Chain Management I	(5)	(24)	

TOTAL CREDITS FOR THE FIRST YEAR:	120
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SECOND YEAR

CODE	MODULE	NQF-L	CREDIT	PREREQUISITE MODULE(S)
CLW206D	Commercial Law	(6)	(24)	
CSE206D	Costing and Estimating	(6)	(24)	
PRC206D	Procurement Management II	(6)	(24)	Supply Chain Management I
SCM206D	Supply Chain Management II	(6)	(24)	Supply Chain Management I
TEO206D	Transport Economics II	(6)	(24)	Economics IA Economics IB
TOTAL CREDITS FOR THE SECOND YEAR:			120	

THIRD YEAR

CODE	MODULE	NQF-L	CREDIT	PREREQUISITE MODULE(S)
BSM306D	Business Management III	(6)	(24)	Business Management I Supply Chain Management II
PRC306D	Procurement Management III	(6)	(24)	Procurement Management II
QTS105D	Quantitative Techniques	(5)	(24)	
SCM306D	Supply Chain Management III	(6)	(24)	Supply Chain Management II
SCO305D	Supply Chain Operations I	(5)	(24)	
TOTAL CREDITS FOR THE THIRD YEAR:			120	
TOTAL CREDITS FOR THE QUALIFICATION:			360	

MODULE INFORMATION (OVERVIEW OF SYLLABUS)

The syllabus content is subject to change to accommodate industry changes. Please note that a more detailed syllabus is available at the Department or in the study guide that is applicable to a particular module. At time of publication, the syllabus content was defined as follows:

B

BUSINESS MANAGEMENT I (BSM105D) **1 X 3-HOUR PAPER** *(Module custodian: Department of Management and Entrepreneurship)*

A focus on the different management functions of business organisations in the South African environment. It describes how managers should manage resources and activities in such a way that organisations can operate as profitably as possible. (Total tuition time: not available)

BUSINESS MANAGEMENT III (BSM306D) **1 X 3-HOUR PAPER** *(Module custodian: Department of Management and Entrepreneurship)*

Students acquire skills to apply management functions, develop a broad understanding of business and management concepts. It relates to theoretical models that can be applied in a workplace such as change management, strategy and diversity management. The marketing management component provides students with advanced knowledge in areas such as applied principles in marketing and research, product development, design of the marketing plan, environmental analysis, creativity and innovation. (Total tuition time: not available)

C

COMMERCIAL LAW (CLW206D) **1 X 3-HOUR PAPER** *(Module custodian: Department of Law)*

Introduction to South African legal system. General principles of law of contracts. Specific contracts: Contract of sale, lease agreement, insurance contracts, employment contract, specific commercial transactions, e.g. law of agency, surety, National Credit Act, 2005 (Act No. 34 of 2005) and Consumer Protection Act, 2008 (Act No. 68 of 2008) (Total tuition time: ± 92 hours)



COMMUNICATION FOR ACADEMIC PURPOSES (CAP105X)**1 X 3-HOUR PAPER****(Module custodian: Department of Applied Languages)**

A workable knowledge of English is an essential skill for any graduate who is required to conduct themselves successfully in a professional working environment. This module will equip students with the competencies required to compose a selection of written texts related to communicating both internally and externally within a professional environment. In addition, the module includes strategies that are essential for the effective communication in various situations, including small groups to avoid unproductive conflict, a multicultural context, etc. (Total tuition time: not available)

COMPUTER LITERACY (CPL105X)**CONTINUOUS ASSESSMENT****(Module custodian: End User Computing Unit)**

Students have to acquire foundational knowledge in computing fundamentals, essential digital skills in key applications based on MS Office Suite and network basics (i.e. MS Outlook and Internet). Students will do online exams that are mapped with SAQA. (Total tuition time: not available) goals.

COSTING AND ESTIMATING (CSE206D)**1 X 3-HOUR PAPER****(Module custodian: Department of Finance and Investment)**

The basic methods and some selected techniques of cost accounting for application in the business environment. Cost elements, material costs, labour costs and overheads, job costing and manufacturing statements. The basic methods to calculate the profitability of a manufacturing concern, depreciation of assets, process costing, standard costing, cost-volume-profit analysis and budgets. (Total tuition time: not available)

E**ECONOMICS IA (ECA115D)****1 X 3-HOUR PAPER****(Module custodian: Department of Economics)**

Insight into the principles and applications of microeconomics. The core content for this module includes the problem of scarcity, choice, elasticity, utility and demand, efficiency and equity, production and costs, price determination under different market structures: perfect competition, imperfect competition as well as monopoly. Basic calculus and algebra are introduced. (Total tuition time: ± 40 hours)

ECONOMICS IB (ECB115D)**1 X 3-HOUR PAPER****(Module custodian: Department of Economics)**

Insight into the principles and applications of macroeconomics. The core content for this module includes measuring macroeconomic performance, simple Keynesian model, money and banking, fiscal and monetary policy, exchange rates and the balance of payments and introduction to international trade. (Total tuition time: ± 40 hours)

I**INFORMATION LITERACY I (INI125D)****CONTINUOUS ASSESSMENT****(Module custodian: Directorate of Library and Information Services)**

Introduction of information literacy. Development of a search strategy and application of a search string to search engines and academic databases. Evaluation of information sources. Ethical and legal use of information. (Total tuition time: not available)

L**LIFE SKILLS I (LF1125X)****CONTINUOUS ASSESSMENT****(Module custodian: Directorate of Student Development and Support)**

Academic, personal and socioemotional skills development for students in higher education. Personal and social dimensions address: effective planning and self-management (goal setting and time management); Adjusting to university life (student life, diversity and change); Intra- and interpersonal skills development (conflict management, self-esteem, relationship management); Effective living (healthy living, HIV education, substance abuse); Academic dimension addresses: academic skills for university (e.g. critical thinking, creativity, managing assignments and assessments). (Total tuition time: not available)



P**PRACTICAL ACCOUNTING I (ACP105D)****1 X 3-HOUR PAPER****(Module custodian: Department of Accounting)**

Introduction to accounting, the accounting equation, books of prime entry, bank reconciliation statements, debtors and creditors control accounts. Adjustments, financial statements (sole trader), inventory (different systems and valuation), budgets and budgetary control, non-current assets and their disclosure, manufacturing ac-counts, cost-volume-profit analysis, different forms of enterprise, their financial statements and related matters, basic cost accounting and cost behaviour. (Total tuition time: ± 60 hours)

PROCUREMENT MANAGEMENT II (PRC206D)**1 X 3-HOUR PAPER****(Module custodian: Department of Marketing, Supply Chain and Sport Management)**

Relationship spectrum, sourcing, ethical and social responsibilities, risk management, management of quality (TQM). Material budget, cross-functional teams, services procurement, specifications, business needs and global sourcing. (Total tuition time: ± 96 hours)

PROCUREMENT MANAGEMENT III (PRC306D)**1 X 3-HOUR PAPER****(Module custodian: Department of Marketing, Supply Chain and Sport Management)**

Advance procurement techniques, appraisal of suppliers, negotiation techniques, procurement research and value analysis. Electronic procurement, contract management, sustainability, total cost of ownership, capital and operational procurement, outsourcing, public sector procurement. (Total tuition time: ± 96 hours)

Q**QUANTITATIVE TECHNIQUES (QTS105D)****1 X 3-HOUR PAPER****(Module custodian: Department of Mathematics and Statistics)**

Introduction to statistics and sampling methods, organisation and description of data using tables and graphs, measures of location and dispersion, basic probability, probability distributions (binomial, poisson, normal), Introduction to sampling distributions (means and proportions), confidence intervals, hypothesis testing, Chi-squared tests, regression and correlation analysis, time series analysis, index numbers, elementary interest calculations. (Total tuition time: ± 100 hours)

S**SUPPLY CHAIN MANAGEMENT I (SCM105D)****1 X 3-HOUR PAPER****(Module custodian: Department of Marketing, Supply Chain and Sport Management)**

An introduction to supply chain management, Supply chain management activities; procurement and logistics; inventory management: warehousing, materials handling, physical distributions, transportation, customer service, packaging, global supply chain management, public sector supply chain management. Inbound and outbound supply chain management. Demand forecasting, ICT in supply chain management. (Total tuition time: ± 96 hours)

SUPPLY CHAIN MANAGEMENT II (SCM206D)**1 X 3-HOUR PAPER****(Module custodian: Department of Marketing, Supply Chain and Sport Management)**

Practical application of economic order quantity, financial aspects of logistics and supply chain management, forecasting supply chain requirements, design of storage and handling, equipment used in facilities, international transport, product returns and reverse logistics management. (Total tuition time: ± 96 hours)

SUPPLY CHAIN MANAGEMENT III (SCM306D)**1 X 3-HOUR PAPER****(Module custodian: Department of Marketing, Supply Chain and Sport Management)**

Practical application of the different logistics functions, contemporary logistics research, contemporary logistics issues, their influence on society and business environment. (Total tuition time: ± 96 hours)

SUPPLY CHAIN OPERATIONS I (SCO305D)**1 X 3-HOUR PAPER****(Module custodian: Department of Marketing, Supply Chain and Sport Management)**

Introduction to production management. Operational strategies that use quality, cost and services as competitive weapons in designing and developing products and production processes. Long-range capacity planning and facility layout. Introduction to quality management. (Total tuition time: ± 96 hours)



TRANSPORT ECONOMICS II (TEO206D)**1 X 3-HOUR PAPER*****(Module custodian: Department of Marketing, Supply Chain and Sport Management)***

Transport regulatory environment; challenges of urban goods transport; provide a perspective on the future of transport; understand the importance of transport infrastructure; terminals and hubs in transport; analyse fixed, variable and overhead transport costs; compare and contrast modes of transport; transport planning and fleet management. (Total tuition time: ± 96 hours)

