

Industrial Distribution

Bachelor of Science (BS)

Industrial Distribution

Industrial distribution professionals help manage the global supply chain and coordinate transportation systems. They focus primarily on the distribution of products produced or used by manufacturers, construction companies, and municipalities. The goal is to optimize systems for maximum efficiency, minimum cost, quality improvement, safety, and other interests to the stakeholders. The goals are to save time, money, materials, energy, and other resources for the companies, industries, and essentially for our society. The skills in this program can be applied in a range of organizations and more and more organizations have recognized their significance.

The program has significant components in both industrial technology/engineering and in business. The industrial classes help students understand production and efficiency in an industrial setting. In addition, students can focus in on several specific areas, such as construction, manufacturing, and facilities. On the business side, students will be exposed to management, marketing, and business analytics. This interdisciplinary approach provides a good background for management or analysis of distribution systems. In addition, this background is also favorable for positions in technical sales.

Industrial Distribution students will...

- Understand the fundamental concepts required to be a professional in the field, including concepts in technology, business, and industrial systems.
- Obtain a more specialized knowledge in industrial management and business analytics that can be applied to industrial and other complex systems.
- Have the ability to tailor the program to meet your needs by choosing 15 hours from areas such as construction, manufacturing, automation, and facilities management
- Have experience using the techniques, skills, and tools necessary for modern careers in the field of industrial distribution.

Career Planning

Career preparation is part of the mission of Southeast. In fact, more than 90% of Southeast students participate in internships, clinical opportunities, student teaching, research assistantships, and study abroad.

Professional career counselors are available for all students. The Office of Career Services in Academic Hall 057 can provide students with professional career counseling, resume critiques, practice interviews, job search strategies, career events, networking opportunities, and more.

Demonstrated Career Proficiency is a Requirement of all Southeast Students		
CL001/CL002	First Semester	Complete the FOCUS2 assessment and develop a Career Action Plan.
CL003	Junior Year	Students gain information about career planning and job searching resources.
CL004	Senior Year	Students demonstrate advanced proficiency by identifying a position in their field, developing a cover letter, and tailoring a resume for the position. Materials are critiqued to ensure preparedness for a successful job search.

Career Opportunities

- Distribution Manager
- Inventory Manager
- Logistics Analyst
- Logistics Manager
- Supply Chain Director
- Technical Sales
- Transportation Supervisor
- Warehouse Manager

To learn more
Office of Admissions
(573) 651-2590
admissions@semo.edu
semo.edu

To explore
the College of
Science, Technology and
Agriculture online, visit
www.semo.edu/costa

For advising
Center for Academic Advising - North
(573) 651-5090
www.semo.edu/advising
advisingnorth@semo.edu

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This is a guide based on the 2016-2017 Undergraduate Bulletin and is subject to change. The time it takes to earn a degree will vary based on several factors such as dual enrollment, remediation, and summer enrollment. Students will meet with an academic advisor each semester and use DegreeWorks to monitor their individual progress.

CURRICULUM CHECKLIST

Industrial Distribution – 96-98 Hour Major; No Minor Required

Required Courses:

- ___ AC 221 Principles of Accounting I (3)
- ___ AC 222 Principles of Accounting II (3)
- ___ BL 255 Legal Environment of Business (3)
- ___ BS 105 Environmental Biology (3)
- ___ EG 492 Modeling and Simulation (3)
- ___ IM 102 Technical Communication (3)
- ___ IM 301 Industrial Safety and Supervision (3)
- ___ IM 313 Facilities Planning (3)
- ___ IM 405 Innovation for a Lean Enterprise (3)
- ___ IM 417 Manufacturing Resource Analysis (3)
- ___ MA 134 College Algebra (3)
- ___ MG 301 Principles of Management (3)
- ___ MG 354 Business Negotiation (3)
- ___ MK 301 Principles of Marketing (3)
- ___ MK 342 Professional Selling (3)
- ___ MK 346 Distribution Management (3)
- ___ MK 347 Transportation (3)
- ___ PH 106 Physical Concepts (3)
- ___ QM 258 Business Statistics II (3)
- ___ QM 352 Quantitative Analysis (3)
- ___ QM 558 Principles of Supply Chain Management (3)
- ___ SW 207 Understanding Cultural & Social Diversity (3)
- ___ UI 400 Business and Ethics (3)
- ___ UI 410 Manufacturing Research in a Global Society (3)
- Chemistry, Choose 3-5 Hours From:
 - ___ CH 180 Chemistry in our World (3)
 - ___ CH 181 Basic Principles of Chemistry (5)
 - ___ CH 185 General Chemistry (5)
- Statistics, Choose 3 Hours From:
 - ___ IM 311 Statistical Process Control (3)
 - ___ QM 257 Business Statistics I (3)
- Economics, Choose 3 Hours From:
 - ___ MN 220 Engineering Economic Analysis (3)
 - ___ EC 215 Principles of Microeconomics I (3)
- Program Electives, Choose 15 Hours From:
 - ___ CM 126 Computer Aided Drafting and Design (3)
 - ___ CM 226 Residential Architectural Drafting and Design (3)
 - ___ CM 315 Construction Contracts and Legal Issues (3)
 - ___ CM 325 Building Mechanical and Electrical Systems (3)
 - ___ ET 160 Basic Electricity & Electronics (3)
 - ___ ET 304 Fundamentals of Programmable Logic Controllers (3)
 - ___ ET 374 Industrial Electronics (3)
 - ___ EV 551 Hazardous Materials Assessment (3)
 - ___ FM 504 Facilities Management (3)
 - ___ FM 565 Building Automation and Technology (3)
 - ___ MN 120 Fundamentals of Engineering Design Processes (3)
 - ___ MN 170 Engineering Materials and Testing (3)
 - ___ MN 203 Industrial Materials and Processes I (3)

University Studies Requirements (not already listed above):

UI100 First Year Seminar, EN100 English Composition, Artistic Expression, Written Expression, Oral Expression, Literary Expression, Behavioral Systems, Development of a Major Civilization, Political Systems, and one IU/UI3XX

SAMPLE FOUR-YEAR PLAN

	Fall Semester		Spring Semester	
	Course #	Hrs	Course #	Hrs
FIRST YEAR	UI100	3	AC221	3
	EN100	3	CH180/CH181/CH185	3-5
	PH106	3	EC215/MN220	3
	MA134	3	IM102	3
	Program elective 1	3	Written Expression	3
	Total	15	Total	15-17
SECOND YEAR	AC222	3	IM301	3
	BL255	3	IM417	3
	IM313	3	MG301	3
	IM311/QM257	3	MK301	3
	Program elective 2	3	Program elective 3	3
	Develop of a Major Civ	3	Program elective 4	3
Total	18	Total	18	
THIRD YEAR	BS105	3	IM405	3
	MG354	3	MK346	3
	MK342	3	QM258	3
	SW207	3	Oral Expression	3
	Program elective 5	3	IU/UI3xx	3
	Total	15	Total	15
FOURTH YEAR	MK347	3	EG492	3
	QM352	3	QM558	3
	UI400	3	UI410	3
	Behavioral Systems	3	Artistic Expression	3
	Political Systems	3	Literary Expression	
	Total	15	Total	15

Degree requirements for all students: a minimum of 120 credit hours, completion of University Studies program, career proficiencies (CL001-004), Writing Proficiency Exam (WP003), and completion of the Measure of Academic Proficiency and Progress (MAPP) at the senior level.

Refer to the Undergraduate Bulletin or DegreeWorks for additional graduation requirements (i.e., minimum GPA and course work) for your program of study.

Revised
6/24/2016

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