

FOOD AUTOMATION & MANUFACTURING: 78 hrs

GENERAL EDUCATION: 50 hrs

Technical Core: 19 hrs		
ACCT 200	Introductory Accounting –Financial	3 hrs
AMS 120	Basic Electricity	3 hrs
AMS 202	Architectural Drafting	3 hrs
AMS 271	Industrial Statistics	3 hrs
AMS 398	Internship I	1 hr
AMS 490	Senior Research	3 hrs
AMS 328	Robotics and Machine Vision	3 hrs

Category A: Organization & Communication of Ideas: 12 hrs		
ENG 100	Freshman English	3 hrs
ENG 300	Junior English	3 hrs
CAT. A-II	Foreign Language Elective	3 hrs
COMM161 (145)	Public Speaking Elective	3 hrs

Management Core: 24 hrs		
AMS 310	Work Design/Ergonomics	3 hrs
AMS 356	Systems Design and Operation	3 hrs
AMS 390	Project Management	3 hrs
AMS 430	Technology Mgt/Sup/Team Bldg	3 hrs
ENG 306/307	Business Writing or Technical Writing	3 hrs
COMM 345	Advanced Public Speaking	3 hrs
MGT 301	Business Law	3 hrs
AMS 371	Quality Assurance	3 hrs

Category B: Humanities: 9 hrs		
ENG 200	Literature Elective	3 hrs
CAT. B-II	Elective	3 hrs
CAT. B-II	Elective	3 hrs

Category C: Social & Behavioral Sciences: 9 hrs		
HIST 119/120	Western Civ to (since) 1648	3 hrs
ECON 202	Principles of Econ (Micro)	3 hrs
CAT. C	Elective	3 hrs

Food Automation & Manufacturing Concentration: 27 hrs		
AMS 301	Science of Food	3 hrs
AMS 303	Food Regulations	3 hrs
AMS 342	Manufacturing Operations	3 hrs
AMS 343	Automated Systems	3 hrs
AMS 352	Food Processing I	3 hrs
AMS 381	Food Manufacturing Quality & Safety	3 hrs
AMS 392	Quality Management	3 hrs
AMS 443	Food Packing	3 hrs
AMS 462	Food Processing II	3 hrs

Category D: Natural Sciences: 12 hrs		
MATH 118	College Algebra/Trigonometry	5 hrs
CHEM 105	Fundamentals of General Chemistry	3 hrs
BIO 207	General Microbiology	3 hrs
BIO 208	Lab General Microbiology	1 hr

Category E: World Cultures & American Cultural Div: 3 hrs		
CAT. E	Elective	3 hrs

Category F: Health & Wellness: 2 hrs		
SFTY 171	Safety and First Aid	1 hr
CAT. F	Elective	1 hr

Food Automation & Manufacturing Electives: 8 hrs	
Advisor approved electives	8hrs
Recommendation: Choose courses from the _____ Electives list with consultation of advisor	

General Electives: 3 hrs	
Advisor approved electives	3 hrs
Recommendation:	

BS Degree Total Hours:	128 hrs
<i>See reverse for eight semester schedule layout</i>	

