



BACHELOR of SCIENCE in ADVANCED MANUFACTURING (#506)
CONCENTRATION: FOOD PROCESSING AND TECHNOLOGY
 Department of Architectural & Manufacturing Services
 Ogden College of Science and Engineering
 Western Kentucky University

The suggested program of study shown below should be used in consultation with your advisor(s). Every student will finish with a unique plan of his/her own depending on the electives selected.

Success Markers

SAMPLE - 4 year plan

FIRST YEAR	Fall Semester		Spring Semester	
	<i>Visit The Learning Center for free tutoring</i>	AMS 120 – Basic Electricity	3	HIST 119/120: Western Civ
AMS 205: CADD for Manufacturing		3	CHEM 105 – Fundamentals of General Chemistry (with a Lab)	4
ENG 100 – Freshman English		3	ENG 200 – Literature Elective	3
COMM 161/145 – Public Speaking Elective		3	General Education Course A-II	3
Math 117 – Trigonometry		3	SFTY 171 – Safety and First Aid	1
TOTAL CREDIT HOURS		15	TOTAL CREDIT HOURS	14

SECOND YEAR	Fall Semester		Spring Semester	
	<i>Volunteer or Join a Student Organization like Green Toppers</i>	ACCT 200 – Introductory Accounting – Financial	3	ECON 202 – Principles of Econ (Micro)
BIO 207 – General Microbiology (with a Lab)		4	AMS 271 – Industrial Statistics	3
MGT 301 – Business Law		3	General Education Course E	3
General Education Course B-II		3	AMS 396 – Intro to Supply Chain Management	3
AMS 301 – Introduction to Food Science and Technology		3	ENG 306 – Business Writing OR ENG 307 – Technical Writing	3
TOTAL CREDIT HOURS		16	TOTAL CREDIT HOURS	15

SUMMER TERM	Summer Term	
	<i>Study Abroad!</i>	
TOTAL CREDIT HOURS		

THIRD YEAR <i>Visit Career Services</i>	Fall Semester		Spring Semester	
	ENG 300 – Writing in the Disciplines	3	General Education Course B-II	3
	AMS 303 – Food Laws and Regulations	3	AMS 352 – Food Processing: Unit Operations	3
	AMS 328 – Robotics and Machine Vision	3	AMS 343 – Automated Systems	3
	AMS 310 – Work Design/Ergonomics	3	Major Elective	3
	AMS 371 – Quality Assurance	3	COMM 345 – Advanced Public Speaking	3
	TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	15

FOURTH YEAR <i>Apply for Graduation Click Here</i> <i>Celebrate!</i>	Fall Semester		Spring Semester	
	AMS 390 – Project Management	3	AMS 430 – Technology Management / Supervision / Team Building	3
	AMS 395 – Fundamentals of HACCP	3	AMS 443 – Food Packaging	3
	AMS 381 – Food Quality Assurance	3	AMS 462 – Commodity Food Processing	3
	AMS 356 – System Design and operation	3	AMS 394 – Lean Manufacturing	3
	AMS 398 – Internship I	1	AMS 490 – Senior Research	3
	General Education Course C	3		
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	15

Total Credit Hours: 120

PLEASE NOTE: Prerequisites, Course Numbers, and Course Titles are subject to change. .Consult your advisor each semester.

For more Information:

Department: Architectural & Manufacturing Sciences

Website: www.wku.edu/ams

Phone: 270-745-3251

Email: ams@wku.edu

Course Descriptions: <http://www.wku.edu/undergraduatecatalog/>