## AGRICULTURAL SYSTEMS MANAGEMENT - BS

## **Program Requirements**

First Year

FIRST Year		
Fall		Semester Credit
		Hours
AGSM 125	Introduction to Agricultural Systems Management	1
AGSM 201	Agricultural Energy and Power Systems	3
CHEM 119	Fundamentals of Chemistry I	4
ENGL 104	Composition and Rhetoric	3
MATH 140	Mathematics for Business and Social Sciences	3
	Semester Credit Hours	14
Spring		
ECON 202	Principles of Economics	3
MATH 142	Business Calculus	3
MMET 105	Engineering Graphics	2
POLS 206	American National Government	3
undergraduate/g	eneral-information/university-core- guage-philosophy-culture) 1, 2	3
General elective		3
	Semester Credit Hours	17
Second Year Fall		
ACCT 209	Survey of Accounting Principles <sup>3</sup>	3
AGSM 301	Systems Analysis in Agriculture	3
PHYS 201	College Physics	4
POLS 207	State and Local Government	3
ENGL 210	Technical and Professional Writing	3
	Semester Credit Hours	16
Spring		
ACCT 210	Survey of Managerial and Cost Accounting Principles	3
COMM 203	Public Speaking	3
ECON 203	Principles of Economics	3
MGMT 209 or AGEC 344	Principles of Business Regulations and Law or Food and Agricultural Law	3
	p://catalog.tamu.edu/undergraduate/ ion/university-core-curriculum/#creative-	3
Third Year Fall	Semester Credit Hours	15
FINC 409 or AGEC 330	Survey of Finance Principles <sup>3, 4</sup> or Financial Management in Agriculture	3
MGMT 309 or AGEC 340	Survey of Management <sup>3, 4</sup> or Agribusiness Management	3

undergraduate/gene curriculum/#life-phy  Fourth Year Fall  AGSM 403 P  AGSM 439 M  AGSM 470 A  Select one of the fol  AGSM 473 P  ECCB 351 G  RWFM 351 G  AGSM 440 M  MKTG 409 P  or AGEC 314  American history (ht general-information, history) 1,2  AGSM Directed elective 2,7  Technical elective 2,7	rocessing and Storage of Agricultural roducts lanagement of Agricultural Systems I <sup>6</sup> gricultural Electronics and Control lowing: roject Management for Agricultural systems Technology (Select one of the ollowing) eographic Information Systems for esource Management eographic Information Systems for esource Management 7 emester Credit Hours lanagement of Agricultural Systems II <sup>6</sup> rinciples of Marketing <sup>3,4</sup> or Marketing Agricultural and Food Products ttp://catalog.tamu.edu/undergraduate/ //university-core-curriculum/#american- tive <sup>5</sup> 7	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
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undergraduate/gene curriculum/#life-phy  Fourth Year Fall  AGSM 403 P  AGSM 439 M  AGSM 470 A  Select one of the fol  AGSM 473 P  ECCB 351 G  RWFM 351 G  AGSM 440 M  MKTG 409 P  or AGEC 314  American history (ht general-information, history) 1,2  AGSM Directed elections	rocessing and Storage of Agricultural roducts lanagement of Agricultural Systems I <sup>6</sup> gricultural Electronics and Control lowing: roject Management for Agricultural systems Technology (Select one of the ollowing) eographic Information Systems for esource Management eographic Information Systems for esource Management 7 emester Credit Hours lanagement of Agricultural Systems II <sup>6</sup> rinciples of Marketing <sup>3,4</sup> or Marketing Agricultural and Food Products ttp://catalog.tamu.edu/undergraduate/ /university-core-curriculum/#american- tive <sup>5</sup>	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
undergraduate/general curriculum/#life-physics   Fourth Year   Fall   AGSM 403  Properties   AGSM 470  Are select one of the fole   AGSM 473  Properties   ECCB 351  Great   RWFM 351  Great   R	rocessing and Storage of Agricultural roducts lanagement of Agricultural Systems I <sup>6</sup> gricultural Electronics and Control lowing: roject Management for Agricultural systems Technology (Select one of the ollowing) eographic Information Systems for esource Management eographic Information Systems for esource Management eographic Information Systems for esource Management are emester Credit Hours lanagement of Agricultural Systems II <sup>6</sup> rinciples of Marketing <sup>3,4</sup> or Marketing Agricultural and Food Products http://catalog.tamu.edu/undergraduate/	3 3 3 3 3 3 15
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undergraduate/gene	vsical-sciences) 1	3
	eral-information/university-core-	3
	iences (http://catalog.tamu.edu/	
	gri-Industrial Applications of Electricity ccupational Safety Management	
FSTC 315	ood Process Engineering Technology	3
	gricultural Machinery Management	3
Spring	emester Credit Hours	15
AGSM Directed elect		3
general-information, history) 1, 2	ttp://catalog.tamu.edu/undergraduate/ /university-core-curriculum/#american-	3
or STAT 303	tatistical Methods or Statistical Methods	3

<sup>1</sup> To be selected from the University Core Curriculum.

The 3 hours of international and cultural diversity (http://catalog.tamu.edu/undergraduate/general-information/degree-information/international-cultural-diversity-requirements/) and 3 hours of cultural discourse (http://catalog.tamu.edu/undergraduate/general-information/degree-information/cultural-discourse-requirements/) courses, as required for graduation, may be met in the curriculum. Students may select Language, Philosophy, and Culture, Creative Arts,

Technical Electives, or American History Electives that also meet the ICD/CD requirement.

- 3 A minor in Business may be obtained by completing the noted courses, plus ISTM 209. Each of these courses must be completed with a C or hetter
- <sup>4</sup> A minor in Agricultural Economics may be obtained by completed the noted courses, plus AGEC 105. Each of these courses must be completed with a C or better.
- The two (2) required AGSM Directed Electives must be selected from AGSM 335, AGSM 337, AGSM 435, AGSM 477.
- All undergraduate students must take at least two (2) specific courses in their major designated as writing intensive (W). This course is an approved W course.
- Technical electives must be selected in consultation with the student's advisor and from the current list of approved electives published by the department.

A grade of C or better is required for all Common Body of Knowledge (CBK) courses; ACCT 209, AGSM 301, CHEM 119, , ECON 202, MATH 140, MATH 142 and PHYS 201, or equivalents and senior capstone courses AGSM 439 and AGSM 440.