

Program Change Request

Date Submitted: 05/07/18 1:02 pm

Viewing: **BS-PSSC-SWR : Plant and Environmental Soil Science - BS, Soil and Water Emphasis**

Last approved: 03/07/17 2:37 pm

Last edit: 07/16/18 1:45 pm

Changes proposed by: leann.hague

Catalog Pages Using this Program [Plant and Environmental Soil Science - BS, Soil and Water Emphasis](#)

In Workflow

1. SCSC Department Head
2. Curricular Services Review
3. AG Committee Preparer UG
4. AG Committee Chair UG
5. AG College Dean UG
6. UCC Preparer
7. UCC Chair
8. Faculty Senate Preparer
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services

Contact(s)

Name	E-mail	Phone
LeAnn Hague Megan Teel	leann.hague@tamu.edu megan_teel@tamu.edu	979-845-6148 979-862-4165

Academic level Undergraduate

Effective Term 2019-2020

Department Soil & Crop Sciences

College Agriculture & Life Sciences

Program type Degree w/Concentration

Degree designation BS - Bachelor of Science

With a major in Plant & Environmental Soil Sc (PSSC)

With a concentration in Plant & Soil-Soil and Water (SWR)

Catalog Program Title
Plant and Environmental Soil Science - BS, Soil and Water Emphasis

CIP and Fund code 01110200

Rationale for Proposal
Administrative changes to match CHEM 101/111 to the new 4 hour CHEM 119 and CHEM 102/112 to CHEM 120. Administrative changes to match the new ICD/CD requirements.

Program hours 120

Is this program eligible for financial aid? **Yes**

Will program hours change (increase/decrease) due to the proposed curriculum changes? No

Program delivery mode
On-campus

Approval Path

1. 05/07/18 1:19 pm
David Baltensperger (dbaltensperger): Approved for SCSC Department Head
2. 05/14/18 3:45 pm
Angel Mario Carrizales (carri1214): Approved for Curricular Services Review
3. 05/15/18 8:48 am
Dawn Kerstetter (dkerstetter): Approved for AG Committee Preparer UG
4. 07/09/18 10:31 am
Bob Knight (bob-knight): Approved for AG Committee Chair UG
5. 07/09/18 10:34 am
Dawn Kerstetter (dkerstetter): Approved for AG College Dean UG
6. 07/11/18 10:12 am
Sandra Williams (sandra-williams): Approved for UCC Preparer
7. 08/07/18 11:47 am
Sandra Williams (sandra-williams): Approved for UCC Chair

History

1. Mar 7, 2017 by Megan Teel (megan_teel)

Catalog Program Requirements

Course List

Code	Title	Semester Credit Hours
Department of Soil and Crop Sciences Core Courses		
CHEM 222	Elements of Organic and Biological Chemistry	3
SCSC 205	Problem Solving in Plant and Soil Systems	3
SCSC 301	Soil Science	4
SCSC 307	Crop Biology and Physiology	4
SCSC 309	Water in Soils and Plants	4
SCSC 481	Senior Seminar	2
Experiential requirement		3
Select one of the following:		
SCSC 420	Brazilian Agriculture and Food Production Systems	
SCSC 421	International Agricultural Research Centers - Mexico	
SCSC 423	Natural Resources and Agricultural Sustainability in UK	
SCSC 484	Internship	
SCSC 491	Research	
STAT 302	Statistical Methods	3
or ESSM 313	or Vegetation Sampling Methods and Designs in Ecosystems	
Pest Management		7-8
Select two of the following:		
PLPA 301	Plant Pathology	
& PLPA 303	and Plant Pathology Laboratory	
ENTO 201	General Entomology	
ENTO 401	Principles of Integrated Pest Management	
SCSC 446	Weed Management and Ecology	
Ecology		3
RENK 205	Fundamentals of Ecology	
or SCSC 444	or Forage Ecology and Management	
Soil and Water Emphasis		
GEOG 390	Principles of Geographic Information Systems	4
or ESSM 351/RENK 405	or Geographic Information Systems for Resource Management	
SCSC 310	Soil Morphology and Interpretations	2
SCSC 405	Soil and Water Microbiology	3
SCSC 406	Soil and Water Microbiology Laboratory	1
SCSC 422	Soil Fertility and Plant Nutrient Management	3
SCSC 432	Soil Fertility and Plant Nutrient Management Laboratory	1
SCSC 455	Environmental Soil and Water Science	3
SCSC 458	Watershed, Water and Soil Quality Management	3
Directed electives 1		6
Free electives		16-17
University Core Curriculum Requirements		
AGEC 105	Introduction to Agricultural Economics	3
CHEM 101	Fundamentals of Chemistry I	4
& CHEM 111	and Fundamentals of Chemistry Laboratory I	
CHEM 119	Fundamentals of Chemistry I	4
COMM 203	Public Speaking	3
Select one of the following:		4
BIOL 101	Botany	
BIOL 111	Introductory Biology I	
BIOL 113	Essentials in Biology	
CHEM 102	Fundamentals of Chemistry II	
CHEM 120	Fundamentals of Chemistry II	
GEOL 101	Principles of Geology	
PHYS 201	College Physics	
PHYS 218	Mechanics	
American history elective		6
Communication elective		3
Creative arts elective 2		3
Government/Political science elective 3		6
Language, philosophy and culture elective 2		3
Life and physical sciences		5
Select from the following:		
Life and physical sciences elective		1
Mathematics elective (MATH prefix required)		6
Total Semester Credit Hours		120

- 1 To be selected from crops emphasis courses.
- 2 The Graduation requirements include a requirement for three hours of international and cultural diversity courses and three hours of cultural discourse courses. A course satisfying a Core category, a college/department requirement, or a free elective can be used to satisfy this requirement. See academic advisor.
- 3 Credit by examination may be used to substitute for courses.

Additional information	SCSC 405, changing to 3 hrs, SCSC 406 (new course) have been approved
Required Proposal Forms	<p>PSSC_SWR eval change.pdf</p> <p>President Approval Faculty Senate Items 121216.pdf</p> <p>05022018 PSSC SWR Emphasis Degree Evaluation.pdf</p>
Reviewer Comments	<p>Angel Mario Carrizales (carri1214) (04/11/18 2:34 pm): Removed content from last approved program change. Documents can be found under the program History</p> <p>Angel Mario Carrizales (carri1214) (04/11/18 2:35 pm): Rollback: Please fill out the Rationale for Proposal field and include an edited degree evaluation that matches the proposed catalog edits.</p> <p>Angel Mario Carrizales (carri1214) (05/07/18 11:57 am): Rollback: The catalog program requirements and degree evaluation do not match. The "Life and Physical Science" entry under the Catalog Program Requirements shows 5hrs to be selected from a list of 4hr courses (BIOL 101; 111; 113; CHEM 120etc.) The degree evaluation show 4hrs to be chosen from the same 4hrs courses and a separate rule for one hour from any course that meets KLPS. Please correct the discrepancy resubmit.</p> <p>Angel Mario Carrizales (carri1214) (05/14/18 3:24 pm): Edits made to catalog program requirements to conform to catalog style guidelines.</p> <p>Angel Mario Carrizales (carri1214) (05/14/18 3:45 pm): Initial concerns have been addressed.</p> <p>Sandra Williams (sandra-williams) (08/07/18 11:47 am): UCC approved August 2018.</p>

Key: 256

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Detail Requirements

Deoma L. Casper
May 02, 2018 11:23 am

Viewing: [Degree Evaluation](#) (DEGEVAL, , [Email](#))
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Information for [Degree Evaluation](#)

This is NOT an official evaluation.

Print Instructions

Program Evaluation

Limitation Correspondence: No more than 12 hours of correspondence earned through an accredited institution may be used for an undergraduate degree.
Limitation Combination: Maximum combination of 18 hours of 481, 482, 485 and/or 491 courses may be used for an undergraduate degree.

Program :	BS PSSC-Soil & Water	Catalog Term :	Fall 2018 - College Station
Campus :	College Station	Evaluation Term :	Fall 2018 - College Station
College :	Agriculture & Life Sciences	Expected Graduation Date :	
Degree :	Bachelor of Science	Request Number :	2
Level :	Undergraduate	Results as of :	May 02, 2018
Majors :	Plant & Environmental Soil Sc	Minors :	
Departments :	Soil & Crop Sciences	Concentrations :	

	Met	Credits	Courses		
		Required	Used	Required	Used
Total Required :	No	120.000	0.000		0
Program GPA :	Yes	.00	.00		
Overall GPA :	No	2.00	.00		

Other Course Information

Transfer :		0.000		0
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This is NOT an official evaluation.

Area : Major Coursework (45.000 credits) - Not Met

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course Title	Attribute	Credits	Grade	Source
No		A.	SCSC 205	3hrs											
No	AND	B.	SCSC 301	4hrs											
No	AND	C.	SCSC 307	4hrs											
No	AND	D.	SCSC 309	4hrs											
No	AND	E.	SCSC 310	2hrs											
No	AND	F.	SCSC 405	3hrs											
No	AND	G.	SCSC 422	3hrs											
No	AND	H.	SCSC 432	1hr											
No	AND	I.	SCSC 455	3hrs											
No	AND	J.	SCSC 458	3hrs											
No	AND	K.	SCSC 481	2hrs											
No	AND	L.	Experiential Rqmt	3hrs											
			Select from SCSC 420, 421, 423, 484, 491.												
No	AND	M.	Directed Electives	6hrs											
No	AND	N.	CHEM 222	3hrs											
No	AND	O.	SCSC 406	1hr											

Total Credits and GPA 0.000 .00

unofficial evaluation

Area : Supporting Coursework (16.000 credits) - Not Met

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course Title	Attribute	Credits	Grade	Source
No		A.	Statistics Rqmt	3hrs											

Area : Creative Arts (3.000 credits) - Not Met

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course Title	Attribute	Credits	Grade	Source
No	A.		Creative Arts Requirement	3hrs											
<p>Select three hours from any course with the Creative Arts attribute [KCRA].</p>													Total Credits and GPA	0.000	.00

unofficial evaluation

Area : Social and Behavioral Science (3.000 credits) - Not Met

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course Title	Attribute	Credits	Grade	Source
No	A.		AGEC 105												
													Total Credits and GPA	0.000	.00

unofficial evaluation

Area : Citizenship (12.000 credits) - Not Met

Description : Completion of 4 semesters of Upper-Level ROTC may be substituted for 3 hours of American History and 3 hours of Political Science.

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course Title	Attribute	Credits	Grade	Source
No	A.		American History Rqmt	6hrs											
<p>Select from any course with the [KHIS] attribute.</p>															
No	AND	B.	Political Science Rqmt	6hrs											
<p>Take POLS 206 and POLS 207.</p>													Total Credits and GPA	0.000	.00

unofficial evaluation

Area : General Electives (17.000 credits) - Not Met

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course Title	Attribute	Credits	Grade	Source
No	A.		General Electives	17hrs											
<p>Select from any 100-499 course not used elsewhere.</p>													Total Credits and GPA	0.000	.00

unofficial evaluation

Area : Work Not Applied - Met

Description : See advisor for acceptable substitutions.

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course Title	Attribute	Credits	Grade	Source
No	A.		Courses not applied												
													Total Credits and GPA	0.000	.00

unofficial evaluation

Area : University Writing Requirement - Not Met

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course Title	Attribute	Credits	Grade	Source
No	A.		Writing Requirement												
<p>Two courses required. Only SCSC courses or UGST 491 with the Writing Attribute [UWRT] may be used to satisfy this requirement.</p>													Total Credits and GPA	0.000	.00

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Area : Int'l & Cult Diversity - Not Met

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
No	A.		Int'l & Cultural Diversity 6hr				ICD 3 hr and CD 3 hr									
Select from courses with the International and Cultural Diversity attribute [UICD] (except sections of BUSN 289 with the UWRT attribute).													Total Credits and GPA		0.000	.00

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Area : Foreign Language - Not Met

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
No	A.		Foreign Language Rqmt													
Complete one of the following: 1. Two years of the same foreign language in High School. 2. A two semester sequence of the same foreign language for University credit.													Total Credits and GPA		0.000	.00

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Area : Residence Requirement - Not Met

Description : A minimum of 36 hours of 300-400 level coursework must be completed at Texas A&M University. 12 hours must be in the major field.

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
No		A.	Residence - Major 12hrs													
Select from SCSC 300-499; BIOL 453; MEPS 300-499; PPHY 300-499.													Total Credits and GPA		0.000	.00
No	AND	B.	Residence 300-499 24hrs													
Select from any 300-400 level course at Texas A&M.													Total Credits and GPA		0.000	.00

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Area : GPR-Major - Not Met

Description : A minimum GPR of 2.000 is required in all major field of studies courses.

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
No		A.	Major GPR 45+hrs													
Includes SCSC 100-499.													Total Credits and GPA		0.000	.00

unofficial evaluation

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