

## BACKGROUND

Attributes are a way of organizing courses. Traditionally, attributes have been used at the school level to indicate courses that meet certain degree requirements. Recently we have expanded the attribute system to include departmental major attributes. Attributes are best used to manage large, dynamic course lists.

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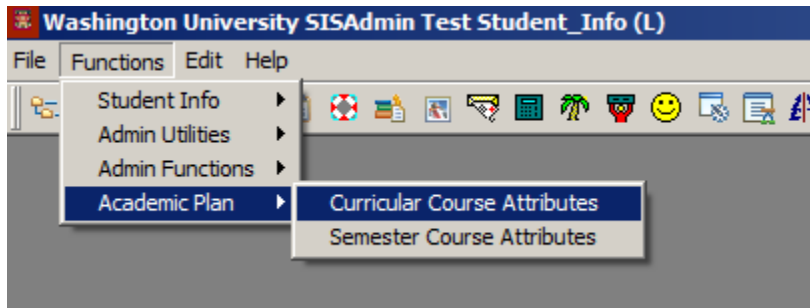
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## DISCUSSION

School attributes are managed through SISAdmin using the following windows:

- 1) Functions>Academic Plan>Curricular Course Attributes
- 2) Functions>Academic Plan>Semester Course Attributes



Each semester course attributes need to be reviewed and maintained by the schools. Although attributes roll forward along with courses, it is necessary to add attributes to new courses and at times alter existing attributes. Courses will only appear in the SISAdmin attribute tools if they have an approved (are in “ok” status).

Much like courses in WUCRSL, attributes must be managed at both the curriculum level and the semester level. The curriculum course attributes and the semester course attributes function independently from one another.

**NOTE:** *At both the curriculum and semester level, attributes need to be added to the home course always. An attribute added to a home course will trickle down to the idents. The opposite is not true.*

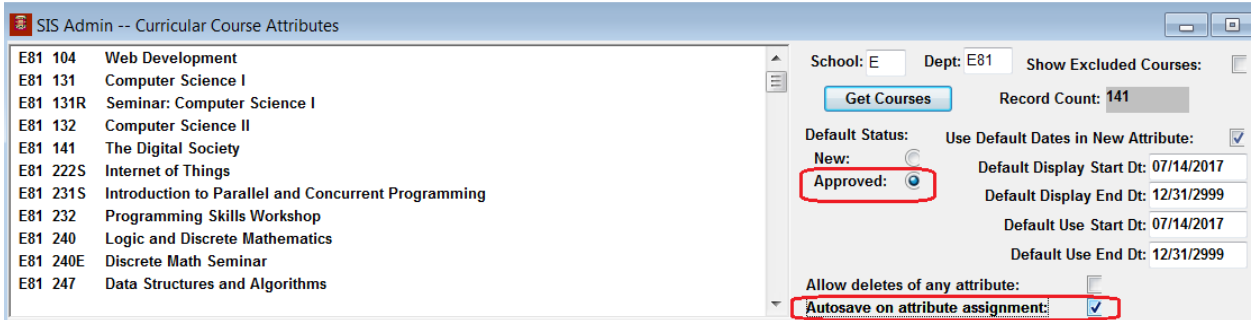
### **Curriculum Level Attributes**

Before an attribute is assigned to a course offered in a specific semester, that attribute should be assigned at the curriculum level. It is generally the case that curriculum attributes remain constant from semester to semester.

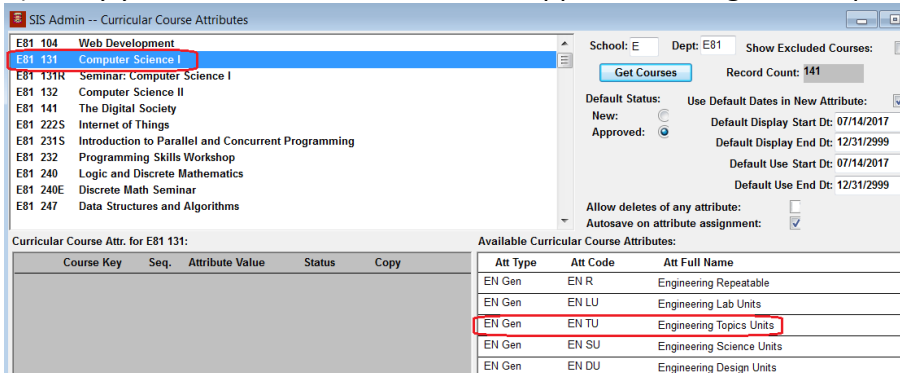
Because many of our systems feed directly from semester level assignment, it is our tendency to neglect the management of curricular attributes. Because the curriculum level provides a much more comprehensive picture of your course offerings, we strongly encourage anyone using attributes to maintain them at both levels. Curriculum attributes appear in the Bulletin.

Steps for adding attributes at the curriculum level:

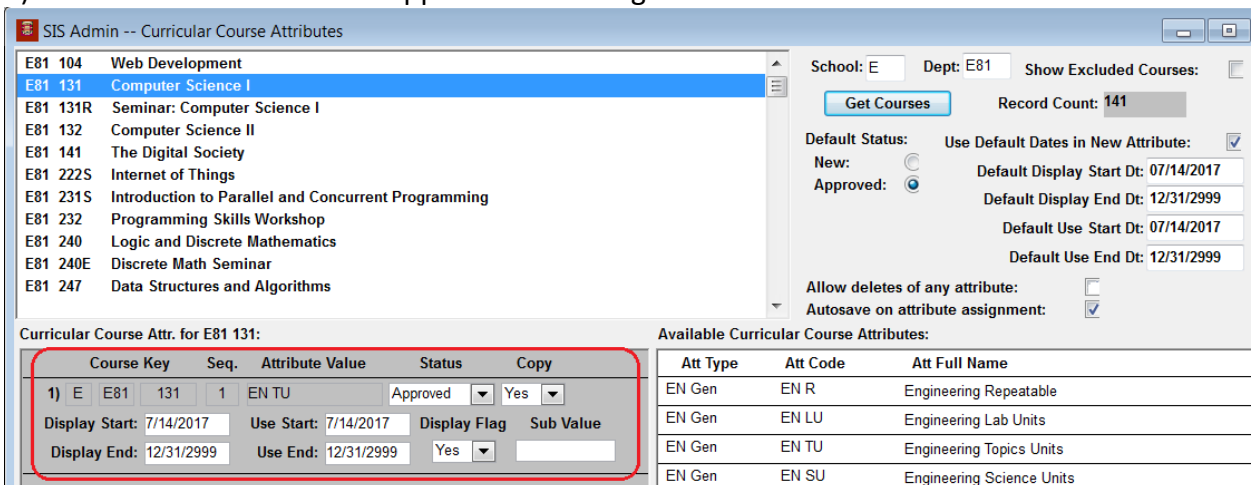
- 1) Go to Functions>Academic Plan>Curricular Course Attributes.
- 2) Enter the appropriate school code (e.g. "E") and department (e.g. E81).
- 3) Click Get Courses.
- 4) Click the "Approved" radio button and check the "Autosave on attribute assignment" checkbox.



- 5) On the left, find the appropriate course and click to highlight it.
- 6) Only your school's attributes should appear in the right-hand pane.



- 7) Click on the appropriate attribute and drag it over to the left-hand pane.
- 8) The attribute should now appear in the listing to the left.



The Display Start and End dates plus the Use Start and End dates can be set manually set for each attribute, or you can set default start and end dates. When the “Use Default Dates in New Attribute” box is checked, all new attributes will be added with the default dates. Often times the start dates correspond the start of term.

School: E Dept: E81 Show Excluded Courses:

Record Count: 141

Default Status:  New:  Approved:

**Use Default Dates in New Attribute:**

Default Display Start Dt: 08/01/2017

Default Display End Dt: 12/31/2999

Default Use Start Dt: 08/01/2017

Default Use End Dt: 12/31/2999

Allow deletes of any attribute:

Autosave on attribute assignment:

If you need to see Curriculum courses that have been excluded from Curriculum/Bulletin, check the “Show Excluded Courses” box and then click the “Get Courses” button.

School: E Dept: E81 **Show Excluded Courses:**

Record Count: 141

Default Status:  New:  Approved:

**Use Default Dates in New Attribute:**

Default Display Start Dt: 08/01/2017

Default Display End Dt: 12/31/2999

### Semester Level Attributes

At the semester level, attributes can be added independently of other semesters or the curriculum. This is where attributes get their power. They allow schools/departments to classify their courses based on the content that particular semester and communicate this classification to students and other systems. This will include: WUachieve, Online Course Listings, and Department Websites.

Managing attributes at the semester level is extremely important, because this is where they may be changing over time. This may need to become a part of your course listings process each semester. There are reports in WUCRSL and SISAdmin to help with this maintenance (outlined below).

**Steps for adding attributes at the semester level:**

- 1) Go to Functions>Academic Plan> Semester Course Attributes.
- 2) Enter the appropriate semester, school code, and department. (e.g. FL2017, E, E81).
- 3) Click Get Courses.
- 4) Click the “Approved” radio button.
- 5) On the left, find the appropriate course and click to highlight it.
- 6) Only your school’s attributes should appear in the right-hand pane. Click on the appropriate attribute and drag it over to the left-hand pane.
- 7) The attribute should now appear in the listing to the left.

SIS Admin -- Semester Course Attributes

Semester: FL2017 (e.g. FL2001)  
School: E  
Dept: E81  
Get Courses Record Count: 69  
Default Status:  
New:   
Approved:   
Allow deletes of any attribute:

Course Key	Attribute	Status	Sub Value
1) 201705 E E81 131 EN TU		Approved	3.00
2) 201705 E E81 131 BU SCI		Approved	

Att Type	Att Code	Att Full Name
EN Gen	EN R	Engineering Repeatable
EN Gen	EN LU	Engineering Lab Units
EN Gen	EN TU	Engineering Topics Units
EN Gen	EN SU	Engineering Science Units
EN Gen	EN DU	Engineering Design Units
EN Gen	EN H	Engineering Humanity
EN Gen	EN S	Engineering Social Science
EN Gen	PFA	Pending Final Approval

REPORTS

SIS Reports

1) SIS Reports>Academic Plan>AP Attributes

This report allows you to generate a list of all curricular or semester courses by attribute. All departments to which an attribute applies will be listed.

AP Attributes		Show only Current Courses		On	Off	Current Crs
<b>Curriculum Courses by Attribute</b>						07/17/2017
<b>Natural Sciences and Mathematics</b>						
<b>E44 ENERGY, ENVIRONMENTAL AND CHEMICAL ENGR</b>		<b>Display</b>	<b>Use</b>	<b>Attribute</b>	<b>Display</b>	<b>Course</b>
		<b>Start Dt</b>	<b>End Dt</b>	<b>Start Dt</b>	<b>End Dt</b>	<b>Approved</b>
		<b>Attr</b>	<b>Excluded</b>			
1)	E44 112 Earth's Future: Causes and Consequences of Global Climate Change	9/9/2014	12/31/2999	9/9/2014	12/31/2999	Approved Yes No
<b>I50 INTERDISCIPLINARY STUDIES</b>		<b>Display</b>	<b>Use</b>	<b>Attribute</b>	<b>Display</b>	<b>Course</b>
		<b>Start Dt</b>	<b>End Dt</b>	<b>Start Dt</b>	<b>End Dt</b>	<b>Approved</b>
		<b>Attr</b>	<b>Excluded</b>			
2)	I50 101 Earth's Future: Causes and Consequences of Global Climate Change	9/9/2014	12/31/2999	9/9/2014	12/31/2999	Approved Yes No
3)	L98 118A Geology of National Parks	1/5/2001	12/31/2999	1/5/2001	12/31/2999	Approved Yes No
<b>L48 ANTHROPOLOGY</b>		<b>Display</b>	<b>Use</b>	<b>Attribute</b>	<b>Display</b>	<b>Course</b>
		<b>Start Dt</b>	<b>End Dt</b>	<b>Start Dt</b>	<b>End Dt</b>	<b>Approved</b>
		<b>Attr</b>	<b>Excluded</b>			
4)	L48 100 Earth's Future: Causes and Consequences of Global Climate Change	9/9/2014	12/31/2999	9/9/2014	12/31/2999	Approved Yes No
5)	L48 150A Introduction to Human Evolution	1/5/2001	12/31/2999	1/5/2001	12/31/2999	Approved Yes No
6)	L48 307A Human Variation	1/5/2001	12/31/2999	1/5/2001	12/31/2999	Approved Yes No

AP Attributes		Semester Courses by Attribute		07/17/2017
		<b>Social Sciences</b>		Page 1 of 1
<b>FL2017 L90 AFRICAN AND AFRICAN-AMERICAN STUDIES</b>		<b>Attribute Status</b>		
1)	L90 305C Topics on Africa: African Urban Futures	app		
2)	L90 3062 Islam, Culture and Society in West Africa	app		
3)	L90 3140 Urban Inequality: Racism, Segregation, & Ghettoization in the American City	app		
4)	L90 3161 African-American Politics	app		
5)	L90 3212 The Social Construction of Race	app		
6)	L90 4005 Video Microanalysis: Methods and Tools	app		
7)	L90 409 Gender, Sexuality, and Change in Africa	app		
8)	L90 4134 The AIDS Epidemic: Inequalities, Ethnography, and Ethics	app		
9)	L90 434B Seminar in Black Social Sciences	app		
10)	L90 4601 Topics in African American Studies: Health in the Black Community: A Social Science	app		
11)	L90 498 Fieldwork in African-American Studies	app		

2) SIS Reports>Academic Plan>Course Attributes

This report lists all attributes for all courses in an area. The report can be generated for curricular or semester courses. Be sure to select the “Show All Attributes” radio button before running if you want to see all attributes for your school.

Course Attributes											
Show only Current Courses										Current Crs	
<b>Attributes for Curricular Courses</b>										07/17/2017	
<b>E81 COMPUTER SCIENCE AND ENGINEERING</b>											
<b>E81 104 Web Development</b>											
Att Type	Att Code	Att Full Name	Seq	Start Dt	End Dt	Display	Start Dt	End Dt	Use	Status	Display
1) EN Gen	EN TU	Engineering Topics Units	1	1/1/2005	12/31/2999		1/1/2005	12/31/2999	Approved	Yes	
<b>E81 131 Computer Science I</b>											
Att Type	Att Code	Att Full Name	Seq	Start Dt	End Dt	Display	Start Dt	End Dt	Use	Status	Display
2) EN Gen	EN TU	Engineering Topics Units	1	7/14/2017	12/31/2999		7/14/2017	12/31/2999	Approved	Yes	
<b>E81 132 Computer Science II</b>											
Att Type	Att Code	Att Full Name	Seq	Start Dt	End Dt	Display	Start Dt	End Dt	Use	Status	Display
3) EN Gen	EN TU	Engineering Topics Units	1	1/1/2005	11/25/2009		1/1/2005	11/25/2009	Approved	No	
4) EN Gen	EN TU	Engineering Topics Units	2	11/25/2009	12/31/2999		11/25/2009	12/31/2999	Approved	Yes	

Course Attributes											
										07/17/2017	
<b>Attributes for Semester Courses</b>											
<b>E81 - COMPUTER SCIENCE AND ENGINEERING</b>											
<b>FL2017</b>											
<b>E81 104 Web Development</b>											
Att Type	Att Code	Att Full Name	Status								
1) EN Gen	EN TU	Engineering Topics Units	app								
<b>E81 131 Computer Science I</b>											
Att Type	Att Code	Att Full Name	Status								
2) EN Gen	EN TU	Engineering Topics Units	app								
3) BU Dist	BU SCI	Physical/Life Science	app								
<b>E81 132 Computer Science II</b>											
Att Type	Att Code	Att Full Name	Status								
4) EN Gen	EN TU	Engineering Topics Units	app								
<b>E81 222S Internet of Things</b>											
Att Type	Att Code	Att Full Name	Status								

3) SIS Reports>Academic Plan>Sect. Availability by Attr.

This report allows you to select a semester and an attribute. It then displays courses along with current enrollment and availability.

Sect. Availability by Attr.

Course Section (Home Courses only) Availability by Attribute							7/17/2017		
FL2017: AS SS - Social Sciences							Page 1 of 17		
L03 EAST ASIAN STUDIES									
Course	Enrollment	Sec	Attr.	Limit	Current	Waitlist	App.	Status	
1) 3591 01 The Chinese Marketplace: Globalization and Local Transformations	0	0	0	0	0	0	Yes	app	
Totals:							0	0	0
L11 ECONOMICS									
Course	Enrollment	Sec	Attr.	Limit	Current	Waitlist	App.	Status	
2) 1011 01 Introduction to Microeconomics	150	99	0	150	52	0	Yes	app	
3) 1011 02 Introduction to Microeconomics	150	52	0	150	69	0	Yes	app	
4) 1021 01 Introduction to Macroeconomics	150	69	0	150	50	0	Yes	app	
5) 1021 02 Introduction to Macroeconomics	150	50	0	150			Yes	app	

WUCRSL Reports

1) WUCRSL Reports>Semester Reports>Semester Course Attributes by Owner

This report allows you see how a school's attributes are applied to its school or other schools and departments.

Semester Course Attributes by Owner

First select a Semester:  
FL2017

Then select a Attribute Owner:  
Business

Then select a School:  
Arts & Sciences

Then select the Department:  
MATHEMATICS (L24)

07/17/2017 4:09 PM Semester Course Attributes by Owner Page 1 of 1

Attribute Owner: Business  
School: Arts & Sciences  
Semester: FL2017  
Department: L24 MATHEMATICS

Status	Course	Title	H/I	Name	Code	Status	SubValue
ok	100	Foundations for Calculus	H	BU No Attribute Assigned	BUN#	app	
ok	131	Calculus I	H	BU No Attribute Assigned	BUN#	app	
ok	132	Calculus II	H	BU No Attribute Assigned	BUN#	app	
ok	139A	Real Mathematical Applications: Solving Problems with Calculus I	H				
ok	200	Independent Study	H	BU No Attribute Assigned	BUN#	app	



2) WUCRSL Reports>Semester Reports>Semester Courses all Attributes

This report will give you all courses in a selected school/department and show all attributes for each course.

07/17/2017 4:11 PM		Semester Courses All Attributes				Page 1 of 15		
School: Law								
Semester: SP2017								
Department: W75 LAW								
Course	Title	Status	H/I	Attribute Owner	Name	Code	Status	SubValue
503A	Advanced Trial Advocacy	ok	H	Law	Applied Lawyering/Professional	ALPS	app	
		ok			Coif-Graded	COIF	app	
		ok			Law Classroom Unit	LCU	app	
		ok			Neg/Disptue Res LLM	NDRL	app	

3) WUCRSL Reports>Semester Reports>Semester Courses all Attributes

This report will help you find courses without attributes.

07/17/2017 4:13 PM		Courses with No Attributes for Owner			Page 1 of 5	
Attribute Owner: Business						
School: Business						
Semester: SP2017						
Department: B50 ACCOUNTING						
Course	Title					Home/Ident
3610	Intermediate Financial Accounting Theory I					H
3620	Intermediate Financial Accounting Theory II					H
400B	Accounting for Entrepreneurs					H

**Other WUCRSL reports include:**

- a. WUCRSL Reports>Semester Reports>Semester Course with Pending Attribute Changes”
- b. WUCRSL Reports>Semester Reports>Title and Semester Course Attribute Differences
- c. Title Attribute Reports, WUCRSL>Title Reports>
  - i. Title Course Attributes by Owner
  - ii. Title Courses All Attributes
  - iii. Titles with No Attributes for Owner
  - iv. Titles with Pending Attribute Changes