





S=4 A=3 B=2 C=1

(Excellent)

(Very

Good)

(Good)

90	
80 89	
70 79	
60 69	

(Excellent)	3.00 4.00
(Very Good)	2.00 2.99
(Good)	1.00 1.99

( )

(pl an) (do) (check) (acti on)



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)		10	2			1										
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		4	2			2										
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		(0)			1	2										
	14	12	I			2										
			II			2										
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	2				1											
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					1											
					1											
		4			2											
		44														

1

2

4

4

3

I II III

4

43

18

17

8

5

5

6



			E l l t	V r G	G











化学プログラムカリキュラムマップ

		+(' &	7 \$-	aUY4\] fcg\] aU! i " UW ^d
		+(&(	7(\$	]g\] nU_U4\] fcg\] aU! i " UW ^d
		+(' )	7 \$)	g] ni a] 4gV\ " \] fcg\] aU! i " UW ^d
		+(%*	7(%&	_ ] 4\] fcg\] aU! i " UW ^d
		+( \$+	7)%&	n\ ] bc_ i V\ ] 4\] fcg\] aU! i " UW ^d
		+ ' , +	5&%	hUhY4\] fcg\] aU! i " UW ^d
		+( \$-	7) \$*	bU_UhUg4\] fcg\] aU! i " UW ^d
		+(%	7(%\$	gb] g\ ] 4\] fcg\] aU! i " UW ^d
		+(&+	7 \$ (	\U] bc4\] fcg\] aU! i " UW ^d
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		+( \$)	6) %%	_ n\ a4\] fcg\] aU! i " UW ^d
		++&(	6 \$,	m\ ] fchc4\] fcg\] aU! i " UW ^d
			7) \$ (	
		+%\$&	7) \$)	c_UXU_4gV\ " \] fcg\] aU! i " UW ^d
		+ ' , ,	5&%*	_ _UhU4gV\ " \] fcg\] aU! i " UW ^d
		+(&&	7(\$ (	g_ i aY4\] fcg\] aU! i " UW ^d
		+( \$*	6) %\$	_ c\ [i V\ ] 4\] fcg\] aU! i " UW ^d
		+( \$'	7 %&	VgY_ ] mU4gV\ " \] fcg\] aU! i " UW ^d
		+%) \$	5(%	g\ i 4\] fcg\] aU! i " UW ^d
		+(' %	6 \$ (	abU_Uach4\] fcg\] aU! i " UW ^d
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5B8F9Y @9CBCJ		+(%	7(%&	`Ybcj 4\] fcg\] aU! i " UW ^d
		+(%+	7 %\$	gU! \UhUbc4\] fcg\] aU! i " UW ^d
		& \$+	7 \$+	Ug\ ] XU4\] fcg\] aU! i " UW ^d
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		, & +\$%\$	7&\$)	
		+' (\$	7 %	h\]fUc4\]fcg\]aU! i " UW ^d
		+%\$+	7) &&	_Zi _j 4gWV"\]fcg\]aU! i " UW ^d
		+(%	7(&%)	Zi ^] VU4\]fcg\]aU! i " UW ^d
		+(%%	7)%	Zi ^] kUfU4gWV"\]fcg\]aU! i " UW ^d
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		+%\$%	7)%\$	gai fUaUhgj 4\]fcg\]aU! i " UW ^d
		(' &+	5&&*	_mchUm%&4\]fcg\]aU! i " UW ^d
G<5B; FCB;		+(&-	6) \$+	f g\Ub[ 4\]fcg\]aU! i " UW ^d
7CGEI 9F ; Cl @!9B		+(%	7(&%)	Wtgei Yf 4\]fcg\]aU! i " UW ^d
H=K5F= G5B8<Y5 DF9AB5H<		(' &+	5&&\$	gUbX\muh] kUf] 4\]fcg\]aU! i " UW ^d
		* &- %	@%\$(	gbU_U4\]fcg\]aU! i " UW ^d
		+(, +	>&\$%	gU] hck4\]fcg\]aU! i " UW ^d
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		) +' )	7) \$&	XU]! U_UgY4\]fcg\]aU! i " UW ^d