

# SAGINAW VALLEY STATE UNIVERSITY

This transfer credit guide provides important information for Delta College students who expect to pursue a bachelor's degree at SVSU. Students who also expect to pursue an associate degree at Delta College should consult directly with a Delta College academic adviser about the associate degree.

This information is subject to change without notice. Individual circumstances, degree paths, and credit totals will vary by student. Students are responsible for maintaining regular contact with an SVSU transfer adviser.

**NOTES:**

<sup>1</sup> This is only a guide; the [SVSU catalog](#) is the official document governing program and degree requirements and transfer policies.

<sup>2</sup> SVSU accepts a maximum of 62 applicable community college transfer credits toward the minimum 124 credit bachelor degree requirement. Students should count credits and limit their choices accordingly.

<sup>3</sup> Bachelor degree candidates must meet SVSU Basic Skills and General Education (BS/GE) requirements. In addition to this academic major guide, refer to and cross reference the supplemental [Basic Skills and General Education guide](#) for appropriate electives.

<sup>4</sup> Two Communication Intensive (CI) courses (3 credits each) are required for the SVSU bachelor degree. See an SVSU transfer adviser.

<sup>5</sup> Michigan Transfer Agreement (MTA) students must complete CI courses at SVSU. Contact an SVSU transfer adviser for additional guidance on this and on other transfer topics.

<sup>6</sup> A pre-requisite course is required for any SVSU course that is listed in bold. Depending upon student course placement, some prerequisite courses may be waived. See an SVSU transfer adviser.

<sup>7</sup> Some majors require a minor. Additional credit options — possibly within GE — may be appropriate. Contact an SVSU transfer adviser for details.

<sup>8</sup> Additional credits, if any, vary by major/minor combination, upper level, transfer-from school, etc. Choice of major/minor combination and of electives can be pertinent to various residency and degree requirements.

## Bachelor of Science in Chemistry with American Chemical Society/ACS option

SVSU B.S. major and prerequisite courses are listed alphabetically according to SVSU's course codes.

DELTA COLLEGE COURSES			SAGINAW VALLEY STATE UNIVERSITY COURSES		
Course No.	Course Name	Cr	Course No.	Course Name	Cr
CHM 111	General & Inorganic Chemistry I	5	<b>CHEM 111<sup>6</sup> + 111L<sup>6</sup></b>	General Chemistry I Lecture + Lab (GE4)	4 + 1
CHM 112	General & Inorganic Chemistry II	5	<b>CHEM 112<sup>6</sup> + 112L<sup>6</sup></b>	General Chemistry II Lecture + Lab	4 + 1
CHM 210 + 210LW	Organic Chemistry I + Lab	4 + 1	<b>CHEM 230<sup>6</sup> + 231<sup>6</sup></b>	Organic Chemistry I Lecture + Lab	4 + 1
CHM 220 + 220LW	Organic Chemistry II + Lab	4 + 1	<b>CHEM 330<sup>6</sup> + 331<sup>6</sup></b>	Organic Chemistry II Lecture + Lab	4 + 1
CST 134	Microcomputers in Bus using MS Office	3	CS 160	Microcomputer Software	3
MTH 122W	College Algebra	4	<b>MATH 120A<sup>6</sup></b>	Algebraic Methods: College Algebra (GE3) [as prereq]	4
MTH 121 + 151	Plane Trig. + Pre-Calculus Math	3 + 4	<b>MATH 140<sup>6</sup></b>	Intro. Mathematical Analysis (GE3) [as prereq]	4
MTH 161	Analytic Geometry & Calculus I	4	<b>MATH 161<sup>6</sup></b>	Calculus I (GE3)	4
MTH 162	Analytic Geometry & Calculus II	4	<b>MATH 162<sup>6</sup></b>	Calculus II	4
MTH 261 [ACS only]	Analytic Geometry & Calculus III	4	<b>MATH 261<sup>6</sup></b>	Calculus III	4
MTH 263 + 264 [ACS only]	Intro to Linear Algebra + Intro to Ordinary Differential Equations	3 + 3	<b>MATH 262<sup>6</sup></b>	Differential Equations	4
PHY 111 + 112 [ok if NOT ACS]	General Physics I + II	4 + 4	<b>PHYS 111<sup>6</sup> + 111L<sup>6</sup> + PHYS 112<sup>6</sup> + 112L<sup>6</sup></b>	General Physics I + Lab (GE 4) + General Physics II + Lab	4 + 1 and 4 + 1
OR	OR	OR	OR	OR	OR
PHY 211 + 212 [ACS-rqd]	Physics I + II	5 + 5	<b>PHYS 211<sup>6</sup> + 211L<sup>6</sup> + PHYS 212<sup>6</sup> + 212L<sup>6</sup></b>	Analytical Physics I + Lab (GE 4) + Analytical Physics II + Lab	4 + 1 and 4 + 1
SVSU CAT 9 Elective	(See BS/GE Sheet). [If ACS, recommend 1 yr of foreign language.]	3 - 8	CAT 9	General Education Requirement. [If ACS, recommend 1 yr of foreign language.]	3 - 8
<b>Subtotal toward 62 CC Maximum<sup>2</sup>:</b>		<b>63-70</b>			

### SVSU GENERAL EDUCATION ELECTIVES AT DELTA

Remaining GE:	Categories 1, 2, 5, 6, 7, 8, 10 <sup>5,7</sup>	15-21 <sup>5</sup>	See BS/GE Guide <sup>3,4</sup>	MTA students, reserve GE8, & either GE5, GE6, or GE7 for completion at SVSU. <sup>5</sup>	0-6
<b>Subtotal toward 62 CC Maximum<sup>2</sup>:</b>		<b>15-21<sup>5</sup></b>			

### ADDITIONAL CREDITS AT DELTA

Other Electives <sup>7,8</sup> :	100-level & above (if any)	Variable <sup>1-8</sup>			
<b>Total toward 62 CC Maximum<sup>2</sup>:</b>		<b>62</b>	<b>Maximum Transfer Total<sup>2</sup>:</b>	<b>62</b>	

### Additional SVSU Courses<sup>6</sup>

Minimum remaining major and elective credits at SVSU. Students are responsible for maintaining close and regular contact with an SVSU transfer adviser and for consulting the SVSU catalog.<sup>1-8</sup>

Course No.	Course Title	Cr	Course No.	Course Title	Cr
<b>CHEM 313</b>	Analytical Chemistry I Quantitative Analysis	4	<b>CHEM Electives</b>	See Catalog for Approved List	3
<b>CHEM 314</b>	Analytical Chemistry II Instrumental Analysis	4	<b>ACS Electives:</b>	See Catalog for <b>Required</b> List	9+
<b>CHEM 321 + L</b>	Physical Chemistry I + Lab	3 + 1	<b>ACS Electives:</b>	See Catalog for <b>Recommended</b> List	2+
<b>CHEM 322 + L</b>	Physical Chemistry II + Lab	3 + 1	Other Electives <sup>7,8</sup> :	Toward <i>minimum</i> 124 credit requirement	Variable <sup>1-8</sup>
<b>CHEM 412</b> OR	Biochemistry I OR	3	<b>Minimum SVSU Total<sup>1</sup></b>		<b>62+</b>
<b>CHEM 414</b>	Inorganic Chemistry	3	<b>Minimum Overall Total (100 Level +)<sup>1</sup></b>		<b>124+</b>
<b>CHEM 499</b>	Undergraduate Seminar in Chemistry	1			

## Meet with an SVSU transfer adviser at Delta College.

Visit the University Transfer Center in D-102, call 989-686-9330, email [transfer@svsu.edu](mailto:transfer@svsu.edu), or discover more at [svsu.edu/transfer](http://svsu.edu/transfer).