

**AS IN SCIENCE
RECOMMENDED TCTC COURSES**

COURSE	COURSE TITLE	CREDITS
ENG 101	English Composition I	3
ENG 102	English Composition II	3
SPC 205	Public Speaking ¹	3
HISTORY 101, 102, 201, or 202		3
ART 101, 107, 108, or MUS 105		3
PSY 201	General Psychology	3
CPT 170	Microcomputer Applications ²	3
MAT 140	Analytical Calculus and Geometry I	4
MAT 141	Analytical Calculus and Geometry II	4
MAT 240	Analytical Calculus and Geometry III	4
MAT 220	Advanced Statistics	3
CHM 110	College Chemistry I	4
CHM 111	College Chemistry II	4
CHM 211	Organic Chemistry I	4
CHM 212	Organic Chemistry II	4
CHM 213 and 214	Principles of Biochemistry and Principles of Biochemistry Lab	4
PHY 201 or 221	Physics I or University Physics I	4
PHY 202 or 222	Physics II or University Physics II	4
May transfer up to an additional 12 credit hours from the following courses.		
CHM 220	Analytical Chemistry I ³	5
CHM 221	Analytical Chemistry II ³	5

**EQUIVALENT SWU COURSE⁴
TRADITIONAL PROGRAM**

COURSE	COURSE TITLE	CREDITS
ENGL 1003	Freshman English I	3
ENGL 1013	Freshman English II	3
ENGL 2103	Speech Communication	3
Transferrable General Education Course		3
Transferrable General Education Course		3
PSYC 2003	General Psychology	3
CPSC 1103	Intro to Computers	3
MATH 2504	Calculus I	4
MATH 2514	Calculus II	4
MATH 3524	Calculus III	4
STAT 3203	Statistics	3
CHEM 1004	General Chemistry I	4
CHEM 1054	General Chemistry II	4
CHEM 2504	Organic Chemistry I	4
CHEM 2514	Organic Chemistry II	4
BIOL 3254	Biochemistry	4
PHYS 2044	General Physics I	4
PHYS 2054	General Physics II	4
CHEM 3404	Inorganic Analysis	4
CHEM 3414	Organic Analysis	4

¹ Preferred Course if transferring to SWU (meets general education or major requirement).

² Course must have been taken within the past five years in order to transfer to SWU.

³ Course under development.

⁴ Note that TCTC courses must be completed with a grade of C or better to transfer.

ADDITIONAL SWU COURSES REQUIRED FOR BS IN CHEMISTRY

Additional General Education Requirements

COURSE	COURSE TITLE	CREDITS
BIBL 1013	Old Testament Survey	3
BIBL 1023	New Testament Survey	3
RELG 2403	Basic Christian Beliefs	3
SEMR 2551	Personal Wholeness II	1
SEMR 3551	Personal Wholeness III	1
SEMR 4551	Personal Wholeness IV	1

Additional Major Course Requirements

COURSE	COURSE TITLE	CREDITS
CHEM 2001	Chemistry Cornerstone Seminar	1
CHEM 4001	Chemistry Studies	1
CHEM 4501	Chemistry Capstone Seminar	1
CHEM 3454	Physical Chemistry I	4
CHEM 3464	Physical Chemistry II	4
SEMR 2051	Scientific Literacy	1
Electives (A computer course beyond CPSC 1103 is strongly recommended)		

Southern Wesleyan University offers options for completing your bachelor's degree in a flexible format that seeks to integrate academic excellence and Christian faith. Programs through the traditional campus offer flexibility and options. The adult evening programs offered in both Central and Greenville permit working adults to complete the program in a timely manner through attending class one night per week year-round. For more information or to apply visit www.swu.edu or contact SWU's admissions office toll free at 877-644-5556.

SWU Main Campus
Central, SC 29630
(864) 644-5557 | Fax: (864) 644-5914
Toll Free (877) 644-5556
central@swu.edu