ROCK STUDIES REQUIREMENTS (39 41 credits)

Course	Title	Cr
THE ROCK (12-13 credits)		
EXEMPT	Foundations of Academic Discovery	0
✔ ENGL 102	Critical Writing **SRU requires ENGL 102 instead of ENGL 110**	3
ENGL 104	Critical Reading	3
COMM 200 or PHIL 110 or POLS 235	Civil Discourse Ethics and Civil Discourse Civil Discourse and Democracy	3
MATH 117 or MATH 123 or MATH 225	Quantitative Reasoning Introduction to Applied Calculus Calculus I★	3 3 4
INTEGRATED INQUIRY (15-16 credits)		
Creative and Aesthetic Inquiry (3 credits)		
Humanities Inquiry (3 credits)		
Social Science Inquiry (2-3 credits)		
✔	**PHED 125 or HLTH 120**	**2-3**
Natural Sciences Inquiry (4 credits)		
✔	**Natural Science with lab**	**4**
Physical Sciences Inquiry (3 credits)		
SCI 102	Understanding the Physical World	3
THEMATIC THREAD – Additional Transfer Credits (12 credits)		
ECON 202	Principles of Microeconomics *(required)* ◊	3
✔ MATH 199	**Math – SRU recommends MATH 100 or 101 instead of BUSN 121**	**3**
✔ ENGL 101	**ENGL 101-College Writing**	**3**
✔ MGMT 1TR	**BUSN 127-Customer Service**	**3**

OTHER BASIC REQUIREMENTS

(Check with your advisor or a current degree audit report to see if you have been exempted from this course.) The credit earned in this course will not be counted toward the 120 credit hour minimum needed to earn a degree.

EXEMPT	Beginning Algebra	

COMPUTER COMPETENCY (3 credits)

Students must demonstrate "computer competency by:

Passed Exam	Pass Computer Competency Exam at SRU	
OR		
CPSC ___ ✔ **COMP 101**	Complete one of the following courses: CPSC 100, 110, 130, or PE202 at SRU or another post-secondary institution	3

FREE ELECTIVES (24 27 credits)

✔ CPSC 2TR	**COMP 210-Productivity Applications**	**3**
✔ CPSC 236	**COMP 231-Visual Programming**	**3**
✔ CPSC 2TR	**COMP 245-Web Page Design Tools**	**3**
✔ TRNS 1TR	**GENL 111-Job Readiness**	**1**
✔ MRKT 1TR	**BUSN 113-Salesmanship**	**3**
✔ MRKT 1TR	**BUSN 187-Internet & Social Media Marketing**	**3**

BC3 SRU Computer Information Systems Web Site Development Specialist, A.A.S. to Information Systems, B.S.

Curriculum Category	Credits Completed	Credits Needed
Rock Studies	**18-19**	**21-22**
Computer Competency	**3**	**0**
Major Requirements	**24**	**27**
Free Electives	**16**	**8-11**
TOTAL CREDITS	**61-62**	**58-59**

Students need a minimum of 120 credits to graduate from SRU. If the BC3 student transfers in with 61 credits, 59 credits are required at SRU. If transferring in with 62 credits, 58 credits are required at SRU.

Even if the student chooses a different Electives block within the major than the Web Technologies option, the remaining number of required SRU credits would not change.

IMPORTANT CURRICULUM GUIDE NOTES

This Curriculum Guide is provided to help SRU students and prospective students better understand their intended major curriculum. Enrolled SRU students should note that the My Rock Audit may place already-earned and/or in progress courses in different, yet valid, curriculum categories. Enrolled SRU students should use the My Rock Audit Report and materials and information provided by their faculty advisors to ensure accurate progress towards degree completion. *The information on this guide is current as of the date below. Students are responsible for curriculum requirements at the time of enrollment at the University.*

MAJOR REQUIREMENTS (51 52 credits)

- 27 major credits must be taken at SRU or PASSHE
- 27 major credits must be taken at the 300 level or above

Course	Title	Cr
Required Management Information System Courses (27 credits)		
✔ MIS/CPSC 210^	Productivity Software ★ **COMP242**	3
MIS 211^ or CPSC 130^ or CPSC 146^	Information Systems Applications Development Intro to Computing and Programming★ **COMP235** Programming Principles★	3
✔ MIS/CPSC 300^	Challenges of Computer Technology ★ **COMP208**	3
MIS 301^	Practical Computer Security ★	3
✔ MIS/CPSC 323^	Fundamentals of Database Systems★ **COMP229**	3
✔ MIS 353^	Business Data Communications & Technologies ★ **Computer Elective: SRU recommends COMP 211 instead of COMP 272**	3
✔ MIS 413^	Systems Analysis ★ **COMP247**	3
MIS 443^	Project Management ★	3
MIS 453^	Fundamentals of Enterprise Architecture ★	3
Required Math Courses (3 credits)		
ECON/MGMT 219~	Business Analytics I	3
Required Business Environment Courses (12 credits)		
ACCT 209^	Financial Accounting	3
ECON 202^	Principles of Microeconomics	◊
MGMT 320^	Operations Management I ★	3
MGMT 351^	Organizational Behavior	3
MIS 265^	Management Information Systems ★	3
Electives: Select one of the following seven areas below (9-10 credits)		
BUSINESS		
MRKT 338^ or MGMT 352^	E-Commerce ★ or Operations Management II★	3
Upper division	Any upper division course from BSBA discipline★	3
Upper division or MIS 450^	Any upper division course from BSBA discipline★ Internship	3
GEOGRAPHIC INFORMATION SYSTEMS (GIS)		
GES 115^	Map Reading & Interpretation	1
GES 325^	Intro to Geographic Information Science ★	3
GES 315^	Cartography I ★	3
GES 410^ or GES 425^ or MIS 450^	Remote Sensing Adv. Geographic Info Systems ★ Internship	3
HEALTH CARE ADMINISTRATION MANAGEMENT		
HCAM 230^	The US Healthcare System	3
MIS 403^	Intro to Health Care Information Systems★	3
HCAM 3**/4**^ or MIS/HCAM 450^	Any upper division HCAM course (not HCAM 360) ★ Internship	3
PROGRAMMING		
CPSC 246^	Advanced Programming Principles ★	3
CPSC 374^	Algorithms and Data Structures ★	3
CPSC 3**/4**^ or MIS 450^	Any upper division CPSC course not used above ★ Internship	3
SAFETY		
SAFE 118^	Introduction to Safety	3
SAFE 418^	Security in the Workplace	3
MGMT 354^ or MIS 450^	Human Resources Management★ Internship	3
SECURITY		
CSS 120^	Intro to Private Security	3
MIS/CPSC 333^	Intro to Computer Forensics ★	3
MIS 401^ or MIS 450^	Information Systems Security★ Internship	3
WEB TECHNOLOGIES		
✔ CPSC 217^	Structured & Dynamic Web Prog. ★ **COMP253**	3
CPSC 337^	Intro to Web Graphics★	3
✔ CPSC 317^	Server-Side Scripting ★ **COMP254**	3
or MRKT 338^ or MIS 450^	E-Commerce★ Internship	3
DIGITAL MEDIA – select 3 of the following		
COMM 248	Interactive Multimedia I★	3
COMM 258	Interactive Multimedia II★	3
COMM 307	Social Media★	3
MIS 450	Internship	3
BIG DATA – complete all three		
MIS 328	Exploring Big Data for Business I ★	3
MIS 423	Advanced Business Database Systems ★	3
MIS 428	Exploring Big Data for Business II ★	3

★	Course may have a prerequisite. See Undergraduate Online Catalog.
◊	Course can be counted as both a Major and a Rock Studies Requirement, but earns credit only once toward your 120-credit total.
^	Course counts for 50% of Major and Major GPA
PASSHE – Pennsylvania State System of Higher Education Institutions	