Program Requirements

Course                  Cr
- GISC 1760 Introduction to GIS           4
- GISC 1765 Cartography                      3
- GISC 1770 Spatial Thinking                  3
- GISC 1775 Intro to Remote Sensing           4
- GISC 1780 Spatial Analysis                  3
- GISC 1785 GPS Field Techniques              3
- GISC 2720 Web-based GIS                    3
- GISC 2725 Object-based Image Analysis       3
- GISC 2730 Programming and Scripting in GIS 4
Subtotal                                      30

General Education/MnTC Requirements      Cr
Refer to the Minnesota Transfer Curriculum Course List for each Goal Area
- Goal 1: Communication                        7
- ENGL 1711 Composition 1 – 4 cr
- COMM 17XX – 3 cr
- Goal 3: Natural Sciences                    4
- BIOL 1725 Environmental Science
- Goal 4: Mathematical/Logical Reasoning      4
- MATH 1740 Introduction to Statistics
- Goal 5: History, Social Science and         3
- Behavioral Sciences
- GEOG 1700 Physical Geography
- Goal 6: Humanities and Fine Arts            3
- Goals 1-10 of the Minnesota Transfer        9
  Curriculum
General Education Requirements            30

Total Program Credits                      60

Transfer Opportunities
Saint Paul College has a transfer articulation agreement between the following program and post-secondary institution for the baccalaureate degree program listed below. For more information please go to saintpaul.edu/Transfer.

Geographic Information Science AAS
BA Individualized Studies
Metropolitan State University

Program Start Dates
Fall, Spring, Summer
– only General Education courses & GISC 1785

Course Sequence
Not all courses are offered each semester; a selection of courses is offered each term
Students should consult with the Program Faculty each semester.

First Semester
- GISC 1760 Introduction to GIS           4
- GISC 1765 Cartography                      3
- GISC 1770 Spatial Thinking                  3
- Goal 1: COMM 17XX                         4
- Goal 5: GEOG 1700 Physical Geography      3
Total Semester Credits                      16

Second Semester
- GISC 1775 Intro to Remote Sensing        4
- GISC 1780 Spatial Analysis                 3
- GISC 1785 GPS Field Techniques            3
- GISC 2720 Web-based GIS                   3
- Total Semester Credits                    14

Third Semester
- GISC 2720 Web-based GIS                   3
- GISC 2725 Object-based Image Analysis      3
- Goal 1: ENGL 1711 Composition 1           4
- Goal 6: Humanities and Fine Arts          3
- MnTC Elective                             3
Total Semester Credits                      16

Fourth Semester
- GISC 2730 Programming and Scripting in GIS 4
- Goal 3: BIOL 1725 Environmental Science   4
- MnTC Elective                             6
Total Semester Credits                      14
Total Program Credits                      60

Minimum Program Entry Requirements
Students entering this program must meet the following minimum program entry requirements:
- Reading: Score of 250+ or grade of "C" or better in READ 0722 or READ 0724 or EAPP 0900
- Writing: Score of 250+ on Reading Comprehension or grade of "C" or better in ENGL 0922 or EAPP 0900
- Quant. Reasoning, Algebra & Stats: Score of 270+ or Adv. Algebra & Functions: Score of 250+ or grade of "C" or better in MATH 0920

Assessment Results and Prerequisites:
Students admitted into Saint Paul College programs may need to complete additional courses based on assessment results and course prerequisite requirements. Certain MATH, READ, and ENGL courses have additional prerequisites.