Program Change Request

Date Submitted: 02/01/26 10:36 pm

Viewing: **UINF : Urban Informatics Minor**

Last approved: 01/28/19 8:24 am

Last edit: 02/01/26 10:36 pm

Changes proposed by: nburtch

**Catalog Pages
Using this Program**
  Urban Informatics Minor

Are you completing this form on someone else's behalf?
              No

Effective Catalog: 2026-2027

Program Level: Undergraduate

Program Type: Minor

Title:
  Urban Informatics Minor

Banner Title: Urban Informatics Minor

**Registrar's Office
Use Only –
Program Start Term**

**Registrar/OAPI Use
Only – SACSCOC
Status**

College/School: College of Science

**Department /
Academic Unit:**   Geography & Geoinformation Science

**Jointly Owned
Program?**   No

**Is there an
embedded degree**

In Workflow

1. **GGS Chair**
2. **SC Curriculum
   Committee**
3. SC Assistant Dean
4. Assoc Provost-
   Undergraduate
5. Registrar-Programs

Approval Path

1. 02/05/26 10:50 am
   Nathan Burtch
   (nburtch): Approved
   for GGS Chair

History

1. Dec 10, 2018 by
   Jennifer Bazaz
   Gettys (jbazaz)
2. Dec 10, 2018 by
   Tory Sarro (vsarro)
3. Jan 28, 2019 by Tory
   Sarro (vsarro)

as part of a program?

Justification

What: Adding GGS 355 & GGS 356

Why: These are new social urban courses to add to the Social Science and Policy group

What: Moving GGS 357 to Social Science

Why: More apt topic-wise than in the more technical Spatial Analysis and Mapping group.

What: Adding GGS 485 and 499 to Capstone

Why: More options for a student's culminating experience. We now have a true Capstone (Apex) course and can also encourage students for directed studies.

Catalog Published Information

Total Credits Required: Total credits: 18

Registrar's Office Use Only - Program Code:

UINF

Registrar/IRR Use Only – Program CIP Code

Admission Requirements:

Program-Specific Policies:

Policies

Eight credits of coursework must be unique to the minor. For policies governing all minors, see AP.5.3.4 Minors. Students must complete all coursework with a minimum GPA of 2.00.

For policies governing all undergraduate programs, see AP.5 Undergraduate Policies.

Degree Requirements: Students should refer to the Admissions & Policies tab for specific policies related to this program.

Core Courses

GGS 306	Urban Geography	3
CDS 303	Scientific Data Mining	3

Total Credits		6

Electives

Select one course from each of the three groups below:		9

Spatial Analysis and Mapping Group

GGS 300	Quantitative Methods for Geographical Analysis	
GGS 311	Geographic Information Systems	
GGS 462	Web-based Geographic Information Systems	
GGS 463	RS: GIS Analysis and Application	

Data Science Group

CDS 201	Introduction to Computational Social Science	
CDS 292	Introduction to Social Network Analysis(Mason Core)	
CDS 302	Scientific Data and Databases(Mason Core)	

Social Science and Policy Group

GGS 355	Cities of the World	
GGS 356	Transportation Geography	
GGS 357	Urban Planning	
or GOVT 357	Urban Planning	
ANTH 382	Urban Anthropology(Mason Core)	
GOVT 464	Issues in Public Policy and Administration (With specific title "Urban Economic Development in the Smart Growth Era")	
SOCI 332	The Urban World(Mason Core)	
Total Credits		9

Capstone

A capstone project will provide students with the opportunity to address a real-world issue through focused study and applied research under the direction of a faculty member and in collaboration with stakeholders.

Select one capstone course:		3
GGS 415	Seminar in Geographic Thought and Methodology(Mason Core)	

GGS 480	GGS Internship
GGS 485	Capstone in Geography and Geoinformation Science(Mason Core)
GGS 499	GGS Independent Study
CDS 490	Directed Study and Research
CDS 491	Internship

| Total Credits | 3 |

Retroactive Requirements Updates:

Program Outcomes

Have you reached out to the Libraries to determine whether there are adequate resources to support your program? If not, please email Meg Meiman, Associate University Librarian for Learning, Research, and Engagement at mmeiman2@gmu.edu.

OAPI Use Only – Determination of SACSCOC Impact

Comments or Notes

Green Leaf Program Designation

Is this a Green Leaf program?   No

Does this program cover material which crosses into another department?

Yes

Impacted Departments

Department
Computational & Data Sciences
Sociology & Anthropology
PP

Additional Attachments

**Reviewer
Comments**

**Additional
Comments**

Is this course required of all students in this degree program?

%wi_required.eschtml%

Key: 710