

# Global Infectious Disease, MS

## Modality

On Campus

## Program URL

<https://glid.georgetown.edu/master-of-science/>

The Global Infectious Disease program equips students with a strong academic foundation and interdisciplinary training in infectious disease. Students explore the many ways practitioners' approach global infectious disease problems through disciplines like epidemiology, mathematical modeling, and diplomacy to advance health outcomes.

## Academic Policies

The academic policies and procedures of the Global Infectious Disease program are those specified in the Georgetown University Bulletin (<http://coursecatalog.georgetown.edu/academics/academic-regulations/graduate-regulations/>), in the SOH Graduate Student Handbook ([https://docs.google.com/document/d/1HSFZVvpX\\_8Y-jxxVviyXgN120bro9A5nLWwe026t0aA/edit?tab=t.0](https://docs.google.com/document/d/1HSFZVvpX_8Y-jxxVviyXgN120bro9A5nLWwe026t0aA/edit?tab=t.0)), and in the Program Handbook.

## Requirements

Completion of the Master of Science in Global Infectious Disease requires 30 credits completed over 18 months. Students must select one of two concentrations: Modeling & Informatics or Science Policy.

## Modeling & Informatics Concentration

| Code                 | Title                           | Credits   |
|----------------------|---------------------------------|-----------|
| GLID 5000            | Perspectives in Infect. Dis. I  | 3         |
| GLID 5562            | Infection and Immunity          | 3         |
| GLID 5010            | Epidemiology of Infect Disease  | 3         |
| Elective             |                                 | 3         |
| GLID 5522            | Modeling Populations & Diseases | 3         |
| MATH 5200            | Computing Using R & Python      | 3         |
| GLID 6010            | Analytic Methods in Epidemiol   | 3         |
| GLID 5020            | Evidence for Infect Dis Policy  | 3         |
| EPID 5010            | Res Ethics & Prof Devlp Sem     | 1         |
| GLID 5522            | Modeling Populations & Diseases | 3         |
| GLID 7990            | GLID Capstone                   | 2         |
| <b>Total Credits</b> |                                 | <b>30</b> |

## Science Policy Concentration

| Code      | Title                           | Credits |
|-----------|---------------------------------|---------|
| GLID 5000 | Perspectives in Infect. Dis. I  | 3       |
| GLID 5562 | Infection and Immunity          | 3       |
| GLID 5010 | Epidemiology of Infect Disease  | 3       |
| GLID 5030 | Global Health Security & Dipl   | 3       |
| GLID 5522 | Modeling Populations & Diseases | 3       |

|                      |                                |           |
|----------------------|--------------------------------|-----------|
| GLID 6020            | Policy Analysis for GLID       | 3         |
| Elective             |                                | 3         |
| GLID 5020            | Evidence for Infect Dis Policy | 3         |
| GLID 5010            | Epidemiology of Infect Disease | 1         |
| GLID 5517            |                                | 3         |
| GLID 7990            | GLID Capstone                  | 2         |
| <b>Total Credits</b> |                                | <b>30</b> |

## Science Policy Concentration

| Code                 | Title                           | Credits   |
|----------------------|---------------------------------|-----------|
| GLID 5000            | Perspectives in Infect. Dis. I  | 3         |
| GLID 5562            | Infection and Immunity          | 3         |
| GLID 5010            | Epidemiology of Infect Disease  | 3         |
| GLID 5030            | Global Health Security & Dipl   | 3         |
| GLID 5522            | Modeling Populations & Diseases | 3         |
| GLID 6020            | Policy Analysis for GLID        | 3         |
| Elective             |                                 | 3         |
| GLID 5020            | Evidence for Infect Dis Policy  | 3         |
| EPID 5010            | Res Ethics & Prof Devlp Sem     | 1         |
| GLOH 5517            |                                 | 3         |
| GLID 7990            | GLID Capstone                   | 2         |
| <b>Total Credits</b> |                                 | <b>30</b> |

## Thesis Requirements

GLID master's students are required to complete a capstone research project in their final semester. The nature of the project will be mutually agreed upon among the student, course director, and at least one faculty mentor during the summer prior to enrollment. The project will be used to demonstrate mastery in the core competencies from the student's concentration (data modeling or science policy).

## Academic Policies

The academic and procedures of the Global Infectious Disease program are those specified in Georgetown University's Graduate Bulletin.