



Department of Geography and Environment
Jahangirnagar University
MSGED Program

Admission Notice (January 2018 Intake) 5th Batch
for

MS (Master of Science) in GIS for Environment and Development
(MSGED)

1. Date to Remember:

Availability of Application Form	:	01 November 2017 to 21 December 2017
Written Test (@Geography and Environment Department, JU)	:	22 December Friday at 11:00 AM
Publication of Result (web & Notice Board)	:	23 December, 2017
Date of Admission	:	24 December 2017 to 04 January 2018
Orientation and Class Start	:	05 January 2018, Friday at 10:00 AM

2. Key Features of the Program:

Degree Awarded	:	MS (Master of Science) in GIS for Environment and Development (MSGED)
Course Duration	:	1 Year consisting of three trimesters
Total Credit	:	42
Class Time	:	Friday
Faculty Members	:	Highly qualified faculty with strong teaching exposure
Environment	:	Full furnished class rooms equipped with multimedia & Wi-Fi facilities. Most updated library with latest books and journals. Transport facility for students (Dhaka-Campus-Dhaka).

3. Admission Requirements

Graduates with 4-year Bachelor (Hons) Degree (or, 3-year Honors+ 1-year Masters) in any discipline from any recognized University are eligible for admission to the program. A candidate satisfying the requirement for the admission as set forth by the program authority shall have to sit for a test/viva voce on a schedule date.

4. Application Procedure:

Application can be done either Online or Offline. You can follow any one method.

Online Application Process:

- First, visit the website **msged.iitju.edu.bd** and read the instruction carefully.
- Click **MSGED Online Application** and then fill up the online application form.

After successfully completing the application form, you will get a **MSGED PIN No.** through SMS to your given mobile number. Please keep the PIN No. safely.

Now make a payment of Tk. 1000/- as application fee from your/agent's **Dutch Bangla Mobile Banking** account to **MSGED-JU biller ID 256**. The process is as follows:

- Using your/agent's Dutch Bangla Mobile Banking Account, dial ***322#**
- From the menu appeared, select **Payment**
- Select **Bill Pay**
- Enter **256** as **Biller ID**
- Enter your **MSGED PIN No.** as **Bill Number**
- Enter **1000** as **Amount**
- Enter your/agent's mobile banking PIN
- Collect **Txnid** (TRANSACTION ID) from the return SMS

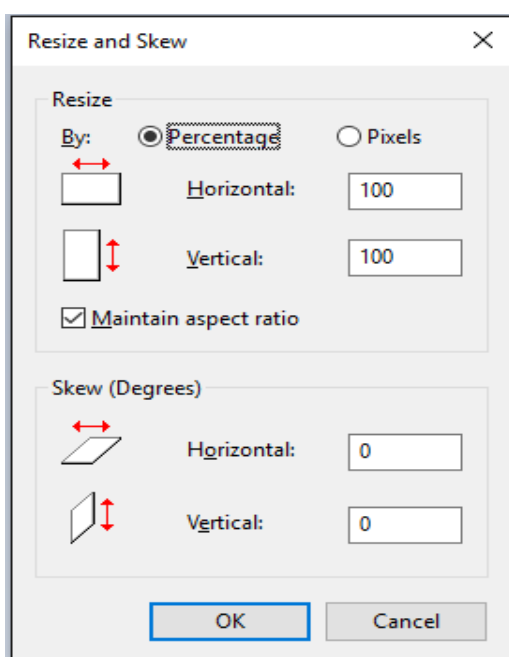
To download **Admit Card**, visit the website **geography.iitju.edu.bd** again.

- Click **Admit Card Download**.
- Log in with your **MSGED PIN No.** and **Txnid (Transaction ID)**.
- Upload your scanned signature (300 by 80 pixel) and passport size photograph (300 by 300 pixel).
- After submission, download/print yours admit card.

Keep your Admit Card safely and bring it on the day of admission test.

Note:

- ❖ To correctly adjust the dimension of your scanned photograph (300 by 300 pixel) and signature (300 by 80 pixel), you can use MS Paint program in Windows. The processes are as follows:



- Open your photograph or signature using MS Paint program.
- Press **Ctrl + W** while MS Paint is running. A window (like the one shown here) will appear.
- Select **Pixels** and uncheck **Maintain aspect ratio**.
- Under Resize, enter 300 and 300 in the Horizontal and Vertical box respectively for your photograph, or enter 300 and 80 in the Horizontal and Vertical box respectively for your signature.
- Click OK. Done!!

Offline Application Process:

- Collect the prescribed application form from **Department of Geography and Environment Office** during office hours (or download it from **msged.iitju.edu.bd**).
- Submit the completed application form along with attested copies of all certificates/mark sheets, two recent passport size color photographs and an amount of Taka 1000/- (in cash) to **Department of Geography and Environment Office** during office hour (including Friday) between 9:00 am to 4:30 pm.
Collect your Admit Card and bring it on the day of admission test.

5. Credit Requirements

To obtain the degree of MS (Master of Science) in GIS for Environment and Development under the MS (Master of Science) in GIS for Environment and Development (MSGED) program, a student will have to complete 42 credit hours with a minimum CGPA of 2.5. All courses are in under broad three modules: 1) Pre-requisite module; 2) Skill development module; and 3) Optional Module. Skill Development module has further two sub-modules based on two broad arenas: 2.1) Environment, and 2.2) Development. All courses consist of 3 credit hours. Under these three broad modules, each student will have to take 5 (five) courses from Pre-requisite module, 4 (four) courses from Skill Development module, and 3 (three) courses from Optional Module. However, in choosing 4 courses from Skill development module, each student must have to take 3 courses from one sub module based on his/her keen interest and 1 course from another sub-module. Along with, each student will have to carry out a research project of six credit hours. However, a student may be exempted from taking up to a maximum of 2 (two) pre-requisite courses based on his/her Bachelor's academic record/transcript. A student may register minimum 6 (six) credit hours and maximum 15 (fifteen) credit hours in each semester. The distribution of the required credit hours is shown in the following table.

Academic Background	Pre-requisite Courses (Credit Hours)	Skill Development (Credit Hours)		Optional (Credit Hours)	Dissertation (Credit Hours)	Total (Credit Hours)
		Environmental Module	Developmental Module			
BSc in Geography and Environment, & Environmental Science	9.0+ Waived 6.0	9.0	3.0	9.0	6.0	42.0
		Or				
		3.0	9.0			
Others	15.0	9.0	3.0	9.0	6.0	42.0
		Or 3.0	Or 9.0			

6. Fee Structure of the Program

The Fee structure for each student of the program will be as follows:

Description	Fees (BDT)
Admission Fee	10000/-
Development Fee	9000/-
Seminar Fee	3000/-
Semester Fee (4000/- per semester)	4000/- × 3 = 12000/-
Tuition Fee (2000/- per credit)	2000 × 36 = 72000/- (with waiver)
Tuition Fee (2000/- per credit)	2000 × 42 = 84000/-
Total cost	106000/- to 118000/-

7. Miscellaneous Fee

Description	Fees (BDT)
Delay Fee (after semester final exam)	1000/-
Re-take Exam Fee (per course)	4200/-
Special Exam Fee (per course)	10000/-

8. Examination Regulations

8.1 Semester Final Examination

At the end of each semester a student has to appear in the final examination for his/her registered courses. The duration of the final examination for each 3 credit courses will be 3 hours. A student who will absent for more than 25% of total class without any acceptable reason, he/she will not be allowed to sit for the semester final examination of the respective courses.

8.2 Course Assessment

For the purposes assessment, 100 marks will be assigned to each 3-credit hours' course. There will be marks for class presence 10%, class performance, assignments, Quiz and class tests 20%, Short Report, Project/Presentation 10%, Midterm 20% and semester final examination 40%. The course teacher will be responsible to evaluate the students taken his/her courses.

8.3 Research Project

After successful completion of all required courses, students shall have to submit a research project of 6 credits in partial fulfillment of the requirements for the degree. The student shall be required to present his/her research outcomes on a date set by the Coordination Committee. The student must satisfy the board of examiners that he/she is capable to implement a research project, to undertake independent work and also to demonstrate satisfactory knowledge related to the theory and techniques used in implementing the project work.

8.4 Nomination of Project Supervisor

Research work for a student shall be carried out under the supervision of a full-time faculty member of the program. After receiving an application (in a prescribed form) with a project proposal from each student at the beginning of the final semester, the Coordination Committee will nominate the supervisor to guide the student.

8.6 Grading System

The letter grade and grade points for the course will be as follows:

Marks Range	Letter Grade	Grade Point
80% or above	A+	4.00
75% to < 80%	A	3.75
70% to < 75%	A-	3.50
65% to < 70%	B+	3.25
60% to < 65%	B	3.00
55% to < 60%	B-	2.75
50% to < 55%	C+	2.50
45% to < 50%	C	2.25
40% to < 45%	D	2.00
< 40%	F	0.00
-	I	Incomplete

8.7 Calculation of GPA

Grade Point Average (GPA) is the weighted average of the grade points obtained in the courses passed by a student in a semester. For example, if a student passes four courses in a semester having credits of C1, C2, C3, C4 and his/her grade points in these courses are G1, G2, G3, G4 respectively then.

$$\text{GPA} = \frac{\sum C_i G_i}{\sum C_i}, \text{ where } i = 1 \text{ to } 4$$

An Example:

Suppose a student has passed 4 courses in a semester and obtained the following grades.

Course	Credit	Grade	Grade Points
MSGED551	3	A+	4.00
MSGED502	3	B+	2.50
MSGED503	3	D	2.00
MSGED 507	3	B	3.00

Then his/her GPA in that semester will be computed as follows:

$$\text{GPA} = \frac{3(4.00) + 3(2.50) + 3(2.00) + 3(3.00)}{(3+3+3+3)} = 2.875$$

Cumulative Grade Point Average (CGPA) will be calculated considering all the grade points earned by a student in different semesters.

8.8 Earned Credit Marks

- Courses in which a student gets "F" grades shall not be counted towards credit requirements and for the calculation of Grade Point Average (GPA)
- If a student does not appear in the final examination, he/she will get "I (Incomplete)" grade. In that case, he/she may be allowed to sit for the Re-take examination arranged by the Coordination Committee within a shortest period of time after publishing the semester results.
- If a student get "F" grade in any course in a semester, he/she may be allowed to sit for the Re-take examination.
- If the student appears in the Re-take examination, he/she has to re-register (repeat) that course in the following available semester.
- If a student wants to improve the grade point obtained in a course, he/she may be allowed to appear at the Re-take examination provided that his earned grade point in that course is less than 2.50. A student will not be allowed to improve his/her grade in more than 2 (two) courses during the entire program.
- A student may be permitted to withdraw or change his/her registered course(s) within three working weeks of the commencement of the semester. If a student fails to withdraw the course and does not appear in the class tests/final examination his/her grade in that course shall be recorded as "I" (incomplete). In that case, he/she has to register (repeat) that course in the following available semester.

8.9 Special Examination

A student unable to complete the program within 7 (seven) consecutive semester from the date of admission may be allowed to sit for special examination with special recommendation of the Coordinating Committee. In that case, special examination fees will be charged.

8.10 Result Publication

The Coordinating Committee will prepare the final results and the office of the Controller of Examinations of this university. The Controller of Examinations will make arrangement to publish the results officially and issue the certificates as per the rules of the university.

8.11 Degree Award

A student will be awarded the degree of **MS (Master of Science) in GIS for Environment and Development** after successful completion of all pre-requisite courses, required courses and a research project having an overall CGPA of 2.50 or above.