

Self Assessment Report

Department of Economics

Criterion 1: Program Mission, Objectives and Outcomes

VISION, MISSION, OBJECTIVES AND OUTCOMES

VISSION

The department of Economics will be a leading academic centre for Economists, Banks and researchers.

Mission Statement

To advance the intellectual and human resource capability of the students of Economics at regional, national and international level.

M.Sc Economics Program

(Program Mission, Objectives and Outcomes)

Standard 1-1: The program must have documented measurable objectives that support faculty / college and institution mission statements.

Mission Statement for M.Sc Economics

To advance the intellectual and human resource capability of the students of Economics at regional, national and international level.

Program objectives

1. To enable students of Economics in order to contribute to the overall development of the economy.
2. To enable the students to contribution in financial sector.
3. To enable the students in order to increase understanding of the major sector of the economy.
4. To make the students well-equipped with latest knowledge of IT.
5. To update the students to coordinate at all levels with Business activities.

Objective	How measured	When measured	Improvement identified	Improvement made
1,2,3	Survey of Graduating Students	2011	❖ Lack of effective Education Environment ❖ Non Effectiveness of Internship	
4,5	Student Course Evaluation Questionnaire	2011	❖ Lack of Learning Resources	

Standard 1-2: The program must have documented outcome for graduating students .It must be demonstrated that the outcome support the program objective and that graduating students are capable of performing these outcomes.

PROGRAM OUTCOMES

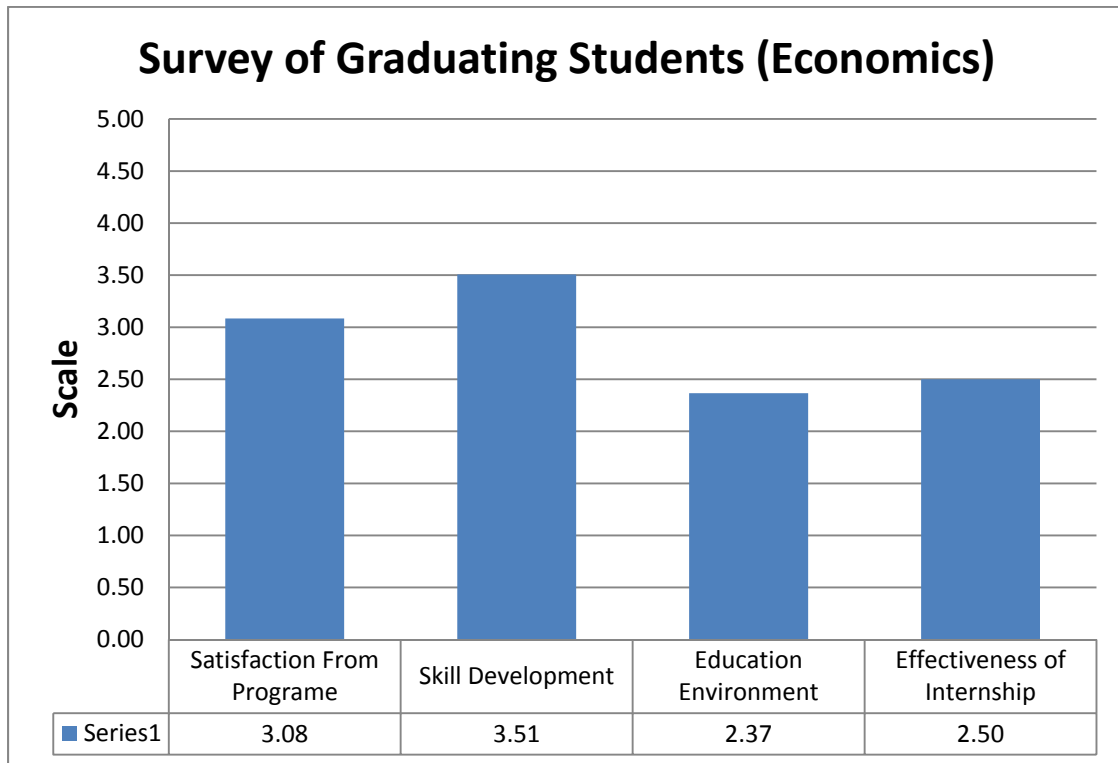
Program objectives will lead the following outcomes:

1. The students of Economics will be able to transfer knowledge and their contributions to the development of the economy by using data collection and analysis.
2. The students shall be able to utilize their economic policy, knowledge, skill & ability for the development of financial sector.
3. Development of a pool of expertise in the field of Economics.
4. Collaboration in research projects with financial institution & other organization of regional, national and international repute.

Program Objectives	Program Outcomes				
	1	2	3	4	5
1	✓				
2		✓			
3			✓		
4					✓
5				✓	

Standard 1-3: The results of programs assessment and the extent to which they are used to improve the program must be documented.

After the assessment of Graduating students' survey, the strength and weaknesses identified.



- **Areas for improvement**

- ❖ Infrastructure
- ❖ Program objective achievement
- ❖ Professional development
- ❖ Computer Lab facilities

- **Describe the actions taken based on the results of periodic assessments**

Shortcomings conveyed to the chairman.

- **Strength and weakness of the program**

Strengths:

- ❖ Skill Development
- ❖ Planning abilities
- ❖ Team work abilities
- ❖ Program Satisfaction
- ❖ Advance Curriculum

Weaknesses:

- ❖ Education Environment
- ❖ Conducive Learning Environment
- ❖ Infrastructure
- ❖ Effectiveness of Internships
- ❖ Independent thinking
- **List future development plan for the program**
- ❖ Computer Lab Facilities
- ❖ Infrastructure
- ❖ Professional Development
- ❖ Conducive Learning Environment

Standard 1-4: The department must assess its overall performance periodically using quantifiable measures.

Present student’s enrolment (M. Sc Economics)

Years	No of students	No of graduate students
2009	51	51
2008	50	50
2007	50	50

Criterion 2: Curriculum Design & Organization

- A. **Title of Degree Program:** M. Sc Economics
- B. **Definition of credit hour:** One credit hour means a class of one hour per week for one term/ semester. One term means 15 weeks continuous duration program. However in case of Lab work, two hours Lab work means one credit hour.
- C. **Degree Plan:** The table-1 shows the course division of the program.
- D. **Curriculum breakdown:** No breakdown available for the courses. Needs improvement

Figure: 1

Following matrix links courses in the program to program outcomes

	Courses	Program Outcomes			
		1	2	3	4
1st Year Courses					
1st term	Macroeconomics				
	Microeconomics				
	Mathematical Economics-I				
	Statistics				
	Development Eco			✓	
English-I					
2nd term	Macroeconomics Analysis	✓			
	Microeconomics Analysis	✓			
	Introduction to Econometrics				
	Mathematical Economics-II				
	One Optional Course				
	English-II				
2nd Year Courses					
(3rd term)	Macroeconomics Policy		✓		
	Applied Econometrics				
	Trade Theory				
Scheme A					
(4th term)	General Equilibrium and Welfare Economics				
	Trade Policy		✓		
	Two Optional Courses				
	Research Report and Oral Examination				✓
Scheme B					
(4th term)	General Equilibrium and Welfare Economics				
	Trade Policy		✓		
	Two Optional Courses				
	Oral Examination				
Scheme C					
(4th term)	General Equilibrium and Welfare Economics				
	Trade Policy		✓		
	One Optional Courses				
	Thesis				
Scheme D					
(4th term)	General Equilibrium and Welfare Economics				
	Trade Policy		✓		
	Three Optional Courses				

Table 1: Courses versus program outcomes

Standard 2-2: Theoretical background, problems analysis and solution design must be stressed within the program's core material.

Automation and Control Concentration (Regular Stream)	
Elements	Courses
Theoretical	Macroeconomics, Microeconomics, Development Eco, English-I, English-II, Trade Theory, General Equilibrium and Welfare Economics.
Problem Analysis	Macroeconomics Analysis, Microeconomics Analysis, Introduction to Econometrics, Macroeconomics Policy, Applied Econometrics
Solution Design	Mathematical Economics-I, Statistics, Mathematical Economics-II, Research Report and Oral Examination.

Table 2: Fulfilling requirements in standard 2-2

Standard 2-3: The curriculum must satisfy the core requirements for the program as specified by the respective accreditation body.

Applications of mathematics offer in the Economics to solve the problem of mathematical calculations.

Program	Math & Basic Science	Engineering Topics	General Education	Others
M.Sc	✓	×	✓	English and Computer Applications

Table A.1 Minimum Requirements for Each Program
(Program Semester Credit hours)

Standard 2-4: The curriculum must satisfy the major requirements for the program as specified by the respective accreditation body.

The curriculum in the program is fully satisfied the major requirements and objectives of the program.

Program	Math & Basic Science	Engineering Topics	General Education	Others
M.Sc	✓	×	✓	English and Computer Applications

Table A.1 Minimum Requirements for Each Program
(Program Semester Credit hours)

Standard 2-5: The curriculum must satisfy general education, arts and professional and other discipline requirements for the program as specified by the respective accreditation body.

Program	Math & Basic Science	Engineering Topics	General Education	Others
M.Sc	✓	×	✓	English and Computer Applications

Table A.1 Minimum Requirements for Each Program
(Program Semester Credit hours)

Table 3 shows how the M. Sc Economics program satisfies requirements in standards 2-3, 2-4 and 2-5. It's clear from the table that all requirements are met.

M. Sc Economics	Mathematics and Basic Sciences		Economics Topics				Humanities and Social Sciences	
	Required	Present	Core		Elective		Required	Present
			Required	Present	Required	Present		

Table.3: Standard 2-3, 2-4, 2-5 requirements

Standard 2-6: Information technology component of the curriculum must be integrated throughout the program.

“Computer Application in Economics” is the subject in the Curriculum that fulfills the all the requirements in this respect. This subject leads the students how they can use computer as well as software for the development of field of Economics.

Standard 2-7: Oral and written communication skills of the students must be developed and applied in the program.

“Research Report and Oral Examination” is the subjects included in the curriculum that satisfy this standard to improve the oral and written communication skills of the students for successful implementation of their knowledge in the field of Economics.

Criterion 03: Laboratories and Computing Facilities

Computer Lab

Lab Title	Location & area	Objectives	Adequacy for Instruction	Courses Taught	Major apparatus and Equipments	Safety regulations
Computer Lab	L X W 18 X 14	To enhance the technical skill of M. Sc students in Economics	M. Sc	Computer Applications in Economics	Computers, Printers, Scanner and Multimedia	Not Applicable

Standard 3-1: (Laboratory manuals/documentation/instruction for experiments must be available and readily accessible to faculty and students.

Not Applicable

Standard 3-2: There must be adequate support personal for instruction and maintaining the computing laboratories

There is a Lab Co-coordinator who instructs the students in the computer lab.

Standard 3-3: The university computing infrastructure and facilities must be adequate to support programs objectives.

i) Computing Facilities

The Department of Economics has adequate computer facilities/ services and staff to support its students and faculty in their activities to achieve the program objectives. The computer lab can accommodate 20 students at a time.

ii) Website

There is an informative web page about the Department of Economics on the Gomal University's website (<http://www.gu.edu.pk>).

iii) Internet

Internet facility and a connection with main communication network of the University are available at the department's computer lab.

Criterion 04: Student Support and Advising

Standard 4-1: Courses must be offered with sufficient frequency and number for students to complete the program in a timely manner.

All the courses are first discussed by departmental academic committee. The recommendations are then discussed in the Board of Studies meeting comprising of some senior professors of the university and experts of curriculum from other universities and affiliated colleges. The recommendations of this board are further submitted to Academic committee for approval and onward submission to the syndicate. In this way the course and the curriculum passes and screens through a number of levels.

Standard 4-2: Courses in the major areas of study must be structured to ensure effective interaction between student, faculty and teacher assistants.

No proper procedure to assign the responsibility to structure courses and to maintain the consistency of contents. Improvement needs in this area to fulfill the requirements.

Standard 4-3: Guidance on how to complete the program must be available to all students and access to academic advising must be available to make course decisions and careers choices.

A faculty member is assigned responsibility to discuss and coordinate with student in taking specialization. Also the said faculty member is responsible for organizing workshops, visits of the students to different universities and industry.

Criterion 05: Process Control

Standard 5-1: The process by which students are admitted to the Program must be based on quantitative and qualitative criteria and clearly documented. The process must be periodically evaluated to ensure that it is meeting its objectives.

A very transparent system for admission in M. Sc Economics. A test and interview is conducted for admission. Admission in this program based on the following selection criteria.

1. Candidate must have passed in at least 2nd division.
2. Candidate must have Economics subject in the bachelor degree.

3. Merit formula:

NTS=40%

Academic=60%

(This formula is only for the Academics)

- 4.

SSC *1 = X

HSSC*2 = Y

B. Sc*3 = Z

Merit = $X+Y+Z / 6$

Merit= (NTS Marks+ Academics Marks)/2

At the start of term applications are invited through leading news papers. After getting the applications students are scrutinized with reference to pre-requisite of the program. Merit list of eligible candidates is made according the formula given in standard 5-1.

To monitor the students' performance we have internal as well as external base evaluation system. In every term at least 2 tests are conducted which carry 20 % marks along with assignments at the end of the term, external exam is conducted for 80 %. The result is based over the combined assessment of the students.

Standard 5-3: The process of recruiting and retaining highly qualified faculty members must be in place and clearly documented. Also processes and procedures for faculty evaluation, promotion must be consistent with institution mission statement. These processes must be periodically evaluated to ensure that it is meeting with its objectives.

In order to attract qualified faculty , different domains of computing is defined in the programs and as per the expertise required , demand for the staff along with the expertise details is send to Administration for advertising the positions in leading English and Urdu News papers. As per the application received, the scrutiny committee short list the applicants for the evaluation test as per the criteria advertised. A third party is involved for conducting the test to make the process transparent and successful candidates of the test are further passed through a selection board in which a panel of experts interviews the candidate. After the selection board syndicate gives the approval of these selections, there after appointment is offered to the faculty.

There was no systematic process before to evaluate the faculty members, now after establishment of QEC each faculty member is evaluated by the students via “Teacher Evaluation Questionnaire”.

Standard 5-4: The process and procedures used to ensure that teaching and delivery of course material to the students emphasizes active learning and that course learning outcomes are met. The process must be periodically evaluated to ensure that it is meeting its objectives.

In order to ensure the teaching effectiveness a quarterly survey is conducted by the University QEC and the findings are communicated to the concern faculty members. After completion of survey assessment team meeting is called to assess the process and make implementation plan for the said department.

Standard 5-5: The process that ensures that graduates have completed the requirements of the program must be based on standards, effective and clearly documented procedures. This process must be periodically evaluated to ensure that it is meeting its objectives.

No proper procedures to assure that the graduates meet the program requirements or not. This area needs concentration to develop this procedure. Plan required for this area.

Criterion 06: Faculty

Standard 6-1: There must be enough full time faculty who are committed to the program to provide adequate coverage of the program areas / courses with continuity and stability. The interests and qualifications of all faculty members must be sufficient to teach all courses, plan, modify and update courses and curricula. All faculty members must have a level of competence that would normally be obtained through graduate work in the discipline. The majority of the faculty must hold a Ph. D. in the Discipline.

The following table indicates program areas and number of faculty in each area.

Program Area	Courses in the area and average number of sections per year	Number of faculty members in each area	Number of faculty with PhD
M.Sc Economics		06	03
M.Phil Economics		03	03
Ph.D Economics		03	03
	Total :	12	09

Standard 6-2: All faculty members must remain current in the discipline and sufficient time must be provided for scholarly activities and professional development. Also, effective programs for faculty development must be in place.

The department of Economics has number of faculty members involved in research work and professional development. Research workshops arrange but no specific time frame to arrange the workshops and seminars. Improvement needs to arrange refresher courses and research workshops.

Standard 6-3: All Faculty members should be motivated and have job satisfaction to excel in their profession.

There are different programs for faculty benefits and their motivation i.e.

- 1) Reasonable work load and class size as per the HEC requirement for getting quality in education.
- 2) Attractive salary packages.
- 3) Paid vacations.

4) Hard area allowance.

For survey chart see the **Graph: 1 Criterion: 8 Institutional supports Standard 8-1**

A faculty survey was conducted and the response is as below:

Faculty Comments:

Q.14 What are the best program/factors currently available in your Department that enhance your motivation and job satisfaction?

1. (i). M.Phil & Ph.D program.
- (ii). Research Workshops, Seminars & Conferences.

Q.15 Suggest program/factors that could improve your motivation and job satisfaction?

1. Well Research programs & linkages with industries at national level and research association with foreign organization must be developed.

Criterion 07: Institutional Facilities

Standard 7-1: The institution must have the infrastructure to support new trends in learning such as e-learning.

The e-learning facilities are not sufficient to fulfill the requirements to meet the new challenges. Computer Lab is available with small number of computers but no access to the M. Sc students. Improvement needs for this section and will be implement in the implementation plan.

Standard 7-2: The library must possess an up to date technical collection relevant to the program and must be adequately staffed with professional personnel.

The departmental library has the collection of latest books. The total numbers of books in the library are

Name of Item	Quantity
Books	4503

Central Library:

The central library has also the facility to facilitate the Economics department graduate students but with small number of books. Our central library has very small number of books in all fields. No e-learning facility. Improvement needs in this section.

Standard 7-3 Class-rooms must be adequately equipped and offices must be adequate to enable faculty to carry out their responsibilities.

Class room shortcomings

- 1. Multimedia:** No multimedia present in the classrooms.
- 2. Sound System:** No sound system present.
- 3. Desks / Chairs:** Desks and chairs are present but their conditions are not good.
- 4. Light System:** Light system is present but not up to the requirements.

No multimedia concept here. All the lectures are delivered via white board.

Criterion 08: Institutional Support

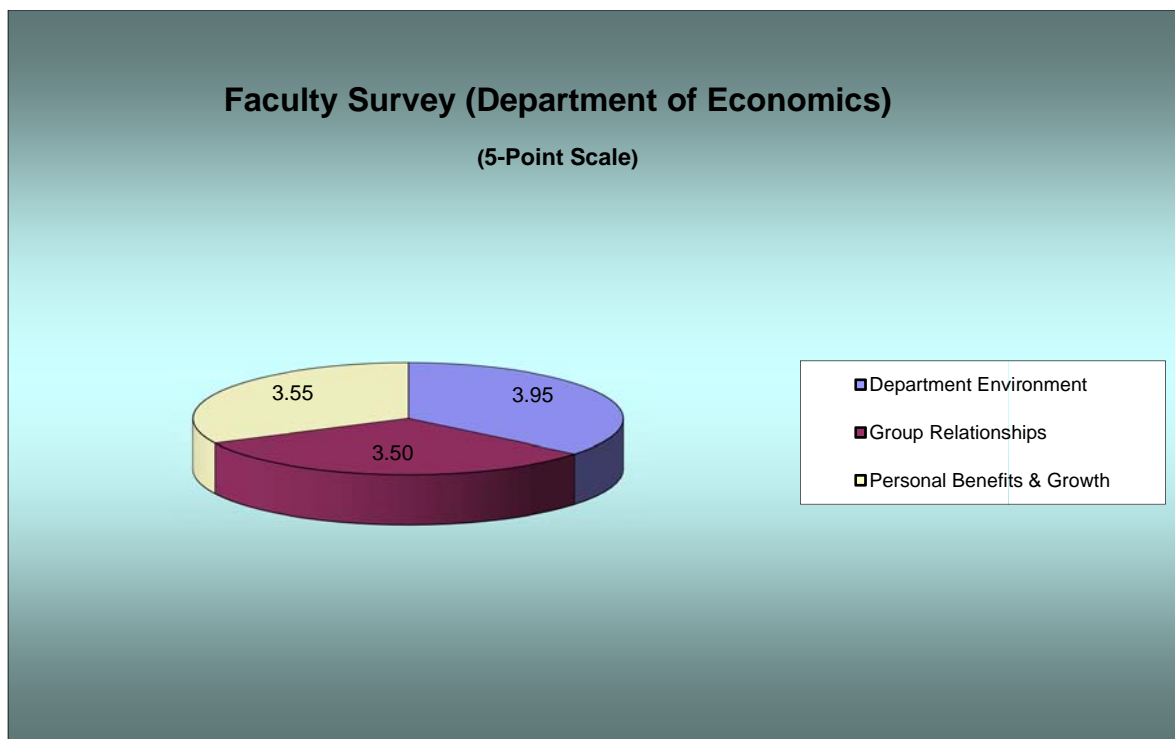
Standard 8-1: There must be sufficient support and financial resources to attract and retain high quality faculty and provide the means for them to maintain competence as teacher and scholar.

All the financial matters of Department of Economics run by University Finance Directorate and very little is left at department level. The university provides all the financial support needed to run the programs in Department of Economics. Salaries of the faculty as well as supporting staff are facilitated by the university. The compensation to the employees the including benefits like housing and children education is also provided by the University.

The University has the department of Staff Welfare which is run by the SWO (Staff Welfare Officer).

For this purpose we have conducted the survey

Faculty Survey (Department of Economics)



Standard 8-2: There must be an adequate number of high quality graduate students, research assistants and PhD students.

Currently Department of Economics has broad approach towards research but there is also some problems facing by the students during research.

Lack of funds for the functioning of research.

Standard 8-3: Financial resources must be provided to acquire and maintain library holding, laboratories and computer facilities.

At the moment the departmental library has almost 1503 volume of books, out of these most are latest in different fields.

The department has established a computer lab which has the facility of internet and digital library.