Course Specification
(Bachelor)

Course Title:	Scientific English
Course Code:	SENG 101
Program:	Biology
Department:	Biology Department
College:	College of Science
Institution:	Majmaah University
Version:	3rd
Last Revision Date:	29-12-2023

Table of Contents

A. General information about the course:

1. Course Identification

1. Credit hours: (3 (3+0))					
Equivalent to ECTS Credit Points: 4.5					
2. Course type					
A.	☐University	☐College	☒ Department	☐Track	☐Others
B.	☒ Required		☐Elective		
3. Level/year at which this course is offered: (1st / 1st)					
4. Course General Description:					
This course equips students with the language and skills needed to study biology in English. It emphasizes using appropriate English in formal, academic contexts. Overall, it aims to help science students and professionals communicate more confidently and effectively in their studies or work.					
5. Pre-requirements for this course (if any):					
N/A					
6. Co-requisites for this course (if any):					
N/A					
7. Course Main Objective(s):					
The course aims to strengthen students' professional communication by helping them use biological and specialist vocabulary accurately. It supports students in confidently explaining common biological terms and interpreting figures. Additionally, the course is continuously improved through ongoing updates to materials based on current developments in the field.					

2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	45	75%
2	E-learning	15	25%
3	Hybrid • Traditional classroom • E-learning	NO	NO
4	Distance learning	NO	NO

3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	**Lectures**	45
2.	**Laboratory/Studio**	0

3.	**Field**	0
4.	**Tutorial**	0
5.	**Others (specify)**	0
Total contact hours		45

Workload (based on the academic semester)

No	Activity	Workload (in hours)
1.	**Contact Hours**	45
2.	**Self-Study hours or Academic learning hours** (Assessment, quizzes, reports, discution , Library,research..)	45
Total workload		90 hours
Equivalent to ECTS Credit Points		4.5

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of PLOs aligned with the program	Teaching Strategies	Assessment Methods
1.0	**Knowledge and understanding**			
1.1	Recognize basic knowledge of biological vocabulary and Describe Scientific and medical terminology.	K1	Traditional-based learning	Quizzes Midterm, final examination, E-exam
2.0	**Skills**			
2.1	Explain different types of medical terminology used in various biological contexts.	S1	Traditional-based learning	Quizzes Midterm, final examination, E-exam
3.0	**Values, autonomy, and responsibility**			
3.1	Communicate and work effectively in groups as well as individually for biological experiments	V1	Traditional-based learning	Homework and Assignment

C. Course Content

No	List of Topics	Contact Hours
1.	Unit 1 – Introduction to Scientific English	3
2.	Unit 2 – Specific features and classification of Scientific English	6
3.	Unit 3 – Common Roots in biology	6
4.	Unit 4 – Common Prefix in biology	6
5.	Unit 5 – Common suffixes in biology	6
6.	Unit 6 – Common terms in Science	6
7.	Unit 7 – Words Roots for Organs	6
8.	Unit 8 – Special Suffixes in Science	6
Total		**45**

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Assignments / Homework/Quiz	Week 2-15	20 %
2.	Mid-term Exam 1	Week 5-7	15 %
3.	Mid-term Exam 2	Week 11-12	15 %
4.	Bb electronic exam	Week 13	10 %
5.	Final Exam	Week 16-17	40 %

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.).

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	Biology Terminology (Quick Study Academic) Lam Rfc Cr Edition by Inc. BarCharts (2013). Biology (Quick Study Academic) Lam Crds Edition by Inc. BarCharts (2012).
Supportive References	Scientific English: A Guide for Scientists and Other Professionals, 3rd Edition (2011). Greek and Latin in Scientific Terminology 1st Edition (1991).
Electronic Materials	http://www.sciencemag.org/careers/2012/03/how-write-scientist http://www.nextscientist.com/scientific-writing-non-native-english-speakers/
Other Learning Materials	----

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	• The number of seats in classrooms and lab. is suitable and no need for extra seats. • The classrooms provided with smart board and e-podium and laboratories provided with smart board.
Technology equipment (projector, smart board, software)	The classrooms are provided with smart board and e-podium
Other equipment (depending on the nature of the specialty)	None

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Students	Direct
Effectiveness of Students assessment	Program Leaders	Direct
Quality of learning resources	Students	Indirect
The extent to which CLOs have been achieved	Faculty	Direct
Other		

Assessors (Students, Faculty, Program Leaders, Peer Reviewers, Others (specify)

Assessment Methods (Direct, Indirect)

G. Specification Approval

COUNCIL /COMMITTEE	Biology Department Council
REFERENCE NO.	07
DATE	04/04/1446 - 07/10/2024