

## Outline of the syllabus for Science in UG course for Universities of Odisha

Subject	Semester-I	Semester-II	Semester-III	Semester-IV	Semester-V	Semester-VI	Marks (Credits)
General Core	Communicative English (Mark50; 3 Credits)	MIL/Alternative English (Mark50; 3Credits)	Indian Society &Culture (Mark50; 3 Credits)	NSS (Mark50; 3 Credits)	Environmental Studies (Marks50;3credits)	Information Tech & Soft skills (Marks 50,3 credits)	300 marks ( 18 credits)
General Elective*	Vocational/Choice based subjects for accruing additional one credits @10 hour		Paper-I (Mark50; 3 Credits)	Paper-II (Mark50; 3 Credits)	Vocational/Choice based subjects for accruing additional one credit @10 hours		100 marks ( 6 credits)
Minor-I	Paper-I (Mark50; 3 Credits)	Paper-II (Mark50; 3 Credits)	Paper-IV (Mark50; 3 Credits)	Paper-V (Mark50; 3 Credits)	Paper-VI Practical (Mark50; 3 Credits)	Project work [100 marks; 8 credits] (project 75+ Comprehensive viva-voce 25)	Project: 100 marks; 8 credits
		Paper-III Practical (Mark50; 3 Credits)					Minor I &II: 600 marks (36 credits)
Minor-II	Paper-I (Mark50; 3 Credits)	Paper-II (Mark50; 3 Credits)	Paper-III (Mark50; 3 Credits)	Paper-IV (Mark50; 3 Credits)	Paper-V (Mark50; 3 Credits)	Paper-VI Practical (Mark50; 3 Credits)	
Major	Paper-I (Mark50; 3 Credits)	Paper-IV (Mark50; 3 Credits)	Paper-VII (Mark50; 3 Credits)	Paper-X (Mark50; 3 Credits)	Paper-XIII (Mark50; 3 Credits)	Paper-XVI (Mark50; 3 Credits)	Major: 900 marks (54 credits)
	Paper-II (Mark50; 3 Credits)	Paper-V (Mark50; 3 Credits)	Paper-VIII (Mark50; 3 Credits)	Paper-XI (Mark50; 3 Credits)	Paper-XIV (Mark50; 3 Credits)	Paper-XVII (Mark50; 3 Credits)	
	Paper-III Practical (Mark50; 3 Credits)	Paper-VI Practical (Mark50; 3 Credits)	Paper-IXPractical (Mark50; 3 Credits)	Paper-XIIPractical (Mark50; 3 Credits)	Paper-XVPractical (Mark50; 3 Credits)	Paper-XVIIIPractical (Mark50; 3 Credits)	
Marks (Credits)	50x6=300 marks (3x6 = 18 credits)	50x7=350 marks (3x7= 21 credits)	50x7=350 marks (3x7 = 21 credits)	50x7=350 marks (3x7 = 21 credits)	50x7=350 marks (3x7 = 21credits)	50x4+100=300 marks (3x4+8=20 credits)	2000 Marks (122credits) **

\*\*Additional can be accrued for maximum of four choice based subjects with 3 credits each = up to additional 12 Credits

Or [122+12= 134 Credits maximum]

\*General elective: One subject with two papers to be chosen from the following: Biotechnology, Life science, Sustainable agriculture, Statistics, Material science, Geography, Environmental science, , Non-conventional energy, Conservation of natural resources, Remote sensing, Disaster management, Physics, Chemistry, Computer Application, Mathematics, Industrial chemistry, Polymer science, Solid state devices, Psychology, Anthropology, Physical Education , Instrumentation, Pisciculture, Industrial fish and fisheries, Seed Technology, Food science and quality control, Textile science, Organic farming, Soil health management. (Other subjects including vocational courses can also be added as per relevance;

Syllabus of the subject to be developed, subject-wise and college-wise with approval of the University as per the expertise and facility available and approved by the concerned Board of Studies of the University).

**Major and Minor I & II:** One core subject and two allied subjects of Physical science or Biological science to be chosen from the following:

1. Botany
2. Zoology
3. Chemistry
4. Biotechnology
5. Physics
6. Mathematics
7. Electronics
8. Statistics
9. Environmental science
10. Geology
11. Computer Application
12. Information Technology
13. Industrial chemistry
14. Sericulture
15. Microbiology
16. Psychology
17. Geography
18. Anthropology

## Outline of the syllabus for Arts in UG course for Universities of Odisha

Subject	Semester-I	Semester-II	Semester-III	Semester-IV	Semester-V	Semester-VI	Marks (Credits)
General Core	Communicative English (Mark50; 3 Credits)	MIL/Alternative English (Mark50; 3Credits)	Indian Society & Culture (Mark50; 3 Credits)	NSS (Mark50; 3 Credits)	Environmental Studies (Marks50;3credits)	Information Tech & Soft skills (Marks 50,3 credits)	300 marks ( 18 credits)
General Elective*	Choice based subjects for accruing additional credits @10 hours per Credit		Paper-I (Mark50; 3 Credits)	Paper-II (Mark50; 3 Credits)	Choice based subjects for accruing additional credits @10 hours per Credit		100 marks ( 6 credits)
Minor-I	Paper-I (Mark50; 3 Credits)	Paper-II (Mark50; 3 Credits)	Paper-IV (Mark50; 3 Credits)	Paper-V (Mark50; 3 Credits)	Paper-VI Practical (Mark50; 3 Credits)	Project work [100 marks; 8 credits] (project 75 + Comprehensive viva-voce 25)	Project: 100 marks; 8 credits
		Paper-III Practical (Mark50; 3 Credits)					Minor I & II: 600 marks (36 credits)
Minor-II	Paper-I (Mark50; 3 Credits)	Paper-II (Mark50; 3 Credits)	Paper-III (Mark50; 3 Credits)	Paper-IV (Mark50; 3 Credits)	Paper-V (Mark50; 3 Credits)	Paper-VI Practical (Mark50; 3 Credits)	
Major	Paper-I (Mark50; 3 Credits)	Paper-IV (Mark50; 3 Credits)	Paper-VII (Mark50; 3 Credits)	Paper-X (Mark50; 3 Credits)	Paper-XIII (Mark50; 3 Credits)		Paper-XVI (Mark50; 3 Credits)
	Paper-II (Mark50; 3 Credits)	Paper-V (Mark50; 3 Credits)	Paper-VIII (Mark50; 3 Credits)	Paper-XI (Mark50; 3 Credits)	Paper-XIV (Mark50; 3 Credits)	Paper-XVII (Mark50; 3 Credits)	
	Paper-III (Mark50; 3 Credits)	Paper-VI (Mark50; 3 Credits)	Paper-IX (Mark50; 3 Credits)	Paper-XII (Mark50; 3 Credits)	Paper-XV (Mark50; 3 Credits)	Paper-XVIII (Mark50; 3 Credits)	
Marks (Credits)	50x6=300 marks (3x6 = 18 credits)	50x7=350 marks (3x7= 21 credits)	50x7=350 marks (3x7 = 21 credits)	50x7=350 marks (3x7 = 21 credits)	50x7=350 marks (3x7 = 21credits)	50x4+100=300 marks (3x4+8=20 credits)	2000 Marks (122credits) **

\*\*Additional can be accrued for maximum of four choice based subjects with 3 credits each = up to additional 12 Credits  
Or [122+12= 134 Credits maximum]

\*General elective: One subject with two papers to be chosen from the following: Odia, English, Sanskrit, Hindi, Communicative/Functional English, Mathematics, Indian Polity, Indian Economy, Indian Geography, Landmarks in Indian History,, Home Science, Philosophy, Anthropology, Statistics, Sociology, Education, Psychology, Physical Education, Computer application, Archaeology and museology, Functional English, Functional Sanskrit, Library and information science, IR & PM, Science And Technology. (Other subjects including vocational courses can also be

added as per relevance; Syllabus of the subject to be developed, subject-wise and college-wise with approval of the University as per the expertise and facility available and approved by the concerned Board of Studies of the University).

**Major and Minor I & II:** One core subject and two allied subjects to be chosen from the following:

1. Library and Information science
2. Political science
3. Home science
4. Sociology
5. Law & Jurisprudence
6. Statistics
7. Anthropology
8. History
9. Education
10. Economics
11. Public administration
12. Philosophy
13. Geography
14. Psychology
15. Mathematics
16. IR&PM
17. Computer science
18. Odia
19. English
20. Sanskrit
21. Hindi
22. Santali
23. Telugu
24. Bengali
25. Urdu

## Outline of the syllabus for Commerce in UG course for Universities of Odisha

Subject	Semester-I	Semester-II	Semester-III	Semester-IV	Semester-V	Semester-VI	Marks (Credits)
General Core	Communicative English (Mark50; 3 Credits)	MIL/Alternative English (Mark50; 3Credits)	Indian Society &Culture (Mark50; 3 Credits)	NSS (Mark50; 3 Credits)	Environmental Studies (Marks50;3credits)	Information Tech & Soft skills (Marks 50,3 credits)	300 marks ( 18 credits)
General Elective*	Choice based subjects for accruing additional credits @10 hours per Credit		Paper-I (Mark50; 3 Credits)	Paper-II (Mark50; 3 Credits)	Choice based subjects for accruing additional credits @10 hours per Credit		100 marks ( 6 credits)
Minor-I	Paper-I (Mark50; 3 Credits)	Paper-II (Mark50; 3 Credits)	Paper-IV (Mark50; 3 Credits)	Paper-V (Mark50; 3 Credits)	Paper-VI Practical (Mark50; 3 Credits)	Project work [100 marks; 8 credits] (project 75+ Comprehensive viva-voce 25)	Project: 100 marks; 8 credits  Minor I &II: 600 marks (36 credits)
		Paper-III Practical (Mark50; 3 Credits)					
Minor-II	Paper-I (Mark50; 3 Credits)	Paper-II (Mark50; 3 Credits)	Paper-III (Mark50; 3 Credits)	Paper-IV (Mark50; 3 Credits)	Paper-V (Mark50; 3 Credits)		
					Paper-VI Practical (Mark50; 3 Credits)		
Major	Paper-I (Mark50; 3 Credits)	Paper-IV (Mark50; 3 Credits)	Paper-VII (Mark50; 3 Credits)	Paper-X (Mark50; 3 Credits)	Paper-XIII (Mark50; 3 Credits)	Paper-XVI (Mark50; 3 Credits)	Major: 900 marks (54 credits)
	Paper-II (Mark50; 3 Credits)	Paper-V (Mark50; 3 Credits)	Paper-VIII (Mark50; 3 Credits)	Paper-XI (Mark50; 3 Credits)	Paper-XIV (Mark50; 3 Credits)	Paper-XVII (Mark50; 3 Credits)	
	Paper-III Practical (Mark50; 3 Credits)	Paper-VI Practical (Mark50; 3 Credits)	Paper-IXPractical (Mark50; 3 Credits)	Paper-XIIPractical (Mark50; 3 Credits)	Paper-XVPractical (Mark50; 3 Credits)	Paper-XVIIIPractical (Mark50; 3 Credits)	
Marks (Credits)	50x6=300 marks (3x6 = 18 credits)	50x7=350 marks (3x7= 21 credits)	50x7=350 marks (3x7 = 21 credits)	50x7=350 marks (3x7 = 21 credits)	50x7=350 marks (3x7 = 21credits)	50x4+100=300 marks (3x4+8=20 credits)	2000 Marks (122credits) **

\*\*Additional can be accrued for maximum of four choice based subjects with 3 credits each = up to additional 12 Credits  
Or [122+12= 134 Credits maximum]

\*General elective: One subject with two papers and choice based subjects for additional credit: ..... To be developed by Commerce faculty  
Minor I & II and Major: Comprising Core subject and Allied subjects ..... To be developed by Commerce faculty