



HOW TO CHOOSE SUBJECT COMBINATION AT A LEVEL

A PRESENTATION BY
TR.AGNES

SUBJECT COMBINATION

- Selecting the right combination is key to ensuring a productive learning experience but also for successful career preparation.
- Today we are explaining some of the basic considerations you need to take into account when choosing your subject combination.
- But before lets look at some of the wrong triggers around us which many times render our choices wrong.

SUBJECT COMBINATION

- Band wagon influence /Peer pressure
- Prestige
- Parental influence
- Coaching /Exam results /Exam malpractice
- School environment /culture plus academic programs /curriculum offered by the school
- Resources of facilities
- Uncertain of future career

SUBJECT COMBINATION

Choosing the right subject combination should be a conscious effort, well thought out and done after weighting several options as we will see.

- 1.Competence:doing something efficiently or successfully and easily
- 2.Interest: wanting to know exciting/ Passionate about
- 3.Career goals :University course/alignment with subjects required for your university course
- 4.How open your future study and career choices are
- 5.Type of learning you enjoy coursework-Literature practical- Maths,Technical drawing,Arts theory-CRE, History

SUBJECT COMBINATION

- 6. Facilitating subjects/Complimentary Transferable skills eg PE,Biology,Maths,physics,TD
- 7. University entry requirements
- 8. Job market versus Government policies
- 9. Personal preference/strengths/talent and skills
- 10. Balance of sciences and Humanities to keep options open
- 11. Advise from you teachers , career counselors that know you or something about your competencies

SAMPLE COMBINATIONS AND COURSES AT UNIVERSITY

SCIENCES

PCB , BCM , MC FN , BCA, BCF

Surgery

Bee keeping

Food processing

Medicine

Clinical and community nursing

Anesthesia

Agribusiness

Biotechnology

MORE SAMPLE COMBINATIONS AND COURSES AT UNIVERSITY

SCIENCES

- Health Sciences / Public health
- Palliative care
- Orthopedic medicine
- Veterinary medicine
- Optometry
- Cytotechnology
- Dental technology
- PCM, PEM, MEG, MEA

MORE SAMPLE COMBINATIONS AND COURSES AT UNIVERSITY

- ENGINEERING COURSES

- Electrical
 - Management Science
- Ceramic
 - B. commerce
- Civil and building
 - Bs. statistics
- Biomass energy technology
- Automotive engineering
- Architecture
- Agricultural engineering
- Basic commerce
- Cooperatures
- Land economics and Land surgery
- Soft ware engineering
- Telecom engineering
- Textile engineering

HUMANITIES

HEG, HEL, DEG, HLG

- Wildlife and tourism management
- Management Science
- Development economics
- Development studies
- Drama and Film
- City based rehabilitation
- Admin.And secretarial sciences
- Business administration
- City psychology
- ENT and small Bus management
- Ethics and human rights
- Guidance and counseling
- Hotel and Institutional catering
- Human resource management
- Industrial and organizational psychology

ALL

- Information technology
- International business
- Law
- Leisure and hospitality
- Library and Information sciences
- Marketing
- Music
- Public Administration
- Records and archives management
- SWASA
- Sports Science
- Urban and regional planning

MORE SAMPLE COMBINATIONS AND COURSES AT UNIVERSITY

- BCF, BCG, Pastry Bakery
- FA.-Art and Industrial design
- Education BA(Arts)BSC
- Any tenary subjects



COURSES AND COMPATIBLE SUBJECT COMBINATIONS

SELECTED CAREER OPPORTUNITIES AND THEIR REQUIREMENTS

AGRICULTURE AND ENVIRONMENTAL SCIENCES

Courses

- AGR - Bachelor of Science In Agriculture (4 Years)
- FST - Bachelor of Science In Food Science And Technology (4 Years)
- AGE - Bachelor of Science In Agricultural Engineering (4 Years)
- BAR - Bachelor of Agricultural And Rural Innovation (3 Years)
- BAM - Bachelor of Science In Agricultural Land Use And Management (3 Years)
- HOT - Bachelor of Science In Horticulture
- AGM - Bachelor of Agribusiness Management
- HUN - Bachelor of Science In Human Nutrition
- BVS - Bachelor of Environmental Science
- BMT - Bachelor of Science in Meteorology
- BOF - Bachelor of Science in Forestry (4 Years)
- BTH - Bachelor of Science in Tourism and Hospitality Management (3 Years)
- BGS - Bachelor of Geographical Sciences (3 Years)

Subjects/Combinations

- Agriculture
- Chemistry
- Mathematics
- Biology
- Geography
- Foods and Nutrition
- Economics etc.

- ✓ BAG
- ✓ BCG
- ✓ MEG etc.

ENGINEERING, ART, DESIGN AND TECHNOLOGY

Courses

- CIV - Bachelor of Science In Civil Engineering
- ELE - Bachelor of Science In Electrical Engineering
- MEC - Bachelor of Science In Mechanical Engineering
- LSG - Bachelor of Science In Land Surveying and Geomatics
- ARC - Bachelor of Architecture
- SQS - Bachelor of Science In Quantity Surveying
- SLE - Bachelor of Science In Land Economics
- SCM - Bachelor of Science In Construction Management
- STE - Bachelor of Science In Telecommunications Engineering
- CMP - Bachelor of Science In Computer Engineering
- FIN - Bachelor of Industrial And Fine Arts
- BUP -Bachelor of Urban and Regional Planning

Subjects/Combinations

- Physics
- Technical drawing
- Agriculture
- Chemistry
- Mathematics
- Biology
- Geography
- Economics

EDUCATION AND EXTERNAL STUDIES

Courses

- EDA - Bachelor of Arts With Education
 - Bachelor of Science With Education
- EDP -Physical
- EDB - Biological
- EEC - Economics
- BAC - Bachelor Of Adult And Community Education

External Programmes

- COX - Bachelor of Commerce
- SCX - Bachelor of Science
- BED - Bachelor of Education (For Practising Diploma Holders Only)
- BAX - Bachelor of Agricultural And Rural Innovation
- BYW - Bachelor of Youth Development Work

Subjects/Combinations

- All subjects and all subject combinations

HUMANITIES AND SOCIAL SCIENCES

Courses

- SOC - Bachelor of Social Work and Social Administration (3 Years)
- ASS - Bachelor of Arts (Social Sciences) (3 Years)
- BJC - Bachelor of Journalism and Communication (4 Years)
- ARS - Bachelor of Arts (Arts) (3 Years)
- DVS - Bachelor of Development Studies (3 Years)
- MUS - Bachelor of Arts in Music (3 Years)
- BDF - Bachelor of Arts in Drama and Film (3 Years)
- BCO - Bachelor of Community Psychology (3 Years)
- BIP - Bachelor of Industrial and Organisational Psychology (3 Years)
- DPA - Diploma in Performing Arts (2 Years)

Subjects/Combinations

- All subjects and all subject combinations

HEALTH SCIENCES

Courses

- PHA - Bachelor of Pharmacy (4 Years)
- MAM - Bachelor of Medicine and Bachelor of Surgery (5 Years)
- BDS - Bachelor of Dental Surgery (5 Years)
- NUR - Bachelor of Science in Nursing (4 Years)
- BMR - Bachelor of Science in Medical Radiography (4 Years)
- BEH - Bachelor of Environmental Health Science (3 Years)
- BSL - Bachelor of Science in Speech and Language Therapy (3 Years)
- BSB - Bachelor of Science in Biomedical Sciences (3 Years)
- BBI - Bachelor of Science in Biomedical Engineering (4 Years)
- BYT - Bachelor of Cytotechnology (3 Years)
- BPT - Bachelor of Optometry (4 Years)
- BDT - Bachelor of Science in Dental Laboratory Technology (3 Years)

Subjects/Combinations

- Biology
- Chemistry
- Physics
- Mathematics
- Foods and Nutrition
- Economics
- ✓ PCB
- ✓ BAG
- ✓ PCM
- ✓ BCG
- ✓ MEG

NATURAL SCIENCES

Courses

- BIC -Bachelor of Science in Industrial Chemistry (3 Years)
- BFS -Bachelor of Science in Fisheries and Aquaculture (3 Years)
- BSP -Bachelor of Sports Science (3 Years)
- SCB -Bachelor of Science - BIOLOGICAL (3 Years)
- SCP -Bachelor of Science - PHYSICAL (3 Years)
- SEC -Bachelor of Science - ECONOMICS (3 Years)
- BPG -Bachelor of Science in Petroleum Geoscience & Production (4 Years)
- BCB -Bachelor of Science in Conservation Biology (3 Years)
- BBT -Bachelor of Science in Biotechnology (3 Years)

Subjects/Combinations

- Biology
- Chemistry
- Physics
- Economics
- Mathematics
- Foods and Nutrition
- Economics

- ✓ PCB
- ✓ BAG
- ✓ BCG
- ✓ MEG

HUMANITIES AND SOCIAL SCIENCES

Courses

- SOC - Bachelor of Social Work and Social Administration (3 Years)
- ASS - Bachelor of Arts (Social Sciences) (3 Years)
- BJC - Bachelor of Journalism and Communication (4 Years)
- ARS - Bachelor of Arts (Arts) (3 Years)
- DVS - Bachelor of Development Studies (3 Years)
- MUS - Bachelor of Arts in Music (3 Years)
- BDF - Bachelor of Arts in Drama and Film (3 Years)
- BCO - Bachelor of Community Psychology (3 Years)
- BIP - Bachelor of Industrial and Organisational Psychology (3 Years)
- DPA - Diploma in Performing Arts (2 Years)

Subjects/Combinations

- All

COMPUTING AND INFORMATION SCIENCES

Courses

- CSC - Bachelor of Science In Computer Science
- BSW - Bachelor of Science In Software Engineering
- LIS - Bachelor of Library and Information Science
- BRA - Bachelor of Records and Archives Management
- IST - Bachelor of Information Systems and Technology

Subjects/Combinations

- All

BUSINESS AND MANAGEMENT SCIENCES

Courses

- ECO - Bachelor of Arts In Economics
- DEC - Bachelor of Arts In Development Economics
- COE - Bachelor of Commerce (With options: Accounting, Finance & Banking, Marketing and Insurance)
- ADM - Bachelor of Business Administration (With options: Procurement, Entrepreneurship, Human Resource Management and International Business)
- STA - Bachelor of Statistics
- BQE - Bachelor of Science In Quantitative Economics
- BPS - Bachelor of Science In Population Studies
- BBS - Bachelor of Science In Business Statistics
- SAS - Bachelor of Science in Actuarial Science

Subjects/Combinations

- Mathematics
- Economics
- Geography etc.

- MEG etc.

VETERINARY MEDICINE, ANIMAL RESOURCES AND BIOSECURITY

Courses

- VET - Bachelor of Veterinary Medicine (5 Years)
- WHM - Bachelor of Science In Wildlife Health and Management (3 Years)
- MLT - Bachelor of Biomedical Laboratory Technology (3 Years)
- BAP - Bachelor of Animal Production Technology and Management (3 Years)

Subjects/Combinations

- Agriculture
- Biology
- Chemistry
- Physics
- Economics
- Mathematics
- Foods and Nutrition
- Economics etc.

- ✓ PCB
- ✓ BAG
- ✓ BCG
- ✓ MEG etc.

LAW

Courses

- LAW - Bachelor of Laws (4 Years)

Subjects/Combinations

- All

SELECTED CAREER OPPORTUNITIES AND THEIR REQUIREMENTS

FIELD	ESSENTIAL SUBJECTS	WORK VALUES	JOBS
Agriculture and environmental sciences	<ul style="list-style-type: none"> ➤ Agriculture ➤ Chemistry ➤ Mathematics ➤ Geography ➤ Biology ➤ Geography 	<ul style="list-style-type: none"> ➤ love for nature ➤ physical challenges ➤ protection and security ➤ creativity 	<ul style="list-style-type: none"> ➤ food science and technology ➤ agriculture ➤ land use ➤ management ➤ human nutrition ➤ forestry ➤ meteorology
Humanities and social sciences	<ul style="list-style-type: none"> ➤ all subjects 	<ul style="list-style-type: none"> ➤ self-expression ➤ creativity ➤ humanity ➤ physical challenges ➤ knowledge ➤ helping society 	<ul style="list-style-type: none"> ➤ archeology ➤ author ➤ journalism ➤ human resource ➤ advertising ➤ diplomat ➤ sociologist
Education and external studies	<ul style="list-style-type: none"> ➤ all subjects 	<ul style="list-style-type: none"> ➤ humanity ➤ moral fulfillment ➤ caring ➤ challenges ➤ creativity 	<ul style="list-style-type: none"> ➤ teaching ➤ training

SELECTED CAREER OPPORTUNITIES AND THEIR REQUIREMENTS

Health and natural sciences	<ul style="list-style-type: none"> ➤ biology ➤ chemistry ➤ physics ➤ economics ➤ agriculture 	<ul style="list-style-type: none"> ➤ service ➤ decision making ➤ altruism ➤ interpersonal relationships 	<ul style="list-style-type: none"> ➤ dentistry ➤ pharmacy ➤ nursing ➤ sports science ➤ fisheries
Business, finance and management	<ul style="list-style-type: none"> ➤ mathematics ➤ economics ➤ entrepreneur 	<ul style="list-style-type: none"> ➤ Money skills ➤ Creativity ➤ Competition ➤ Integrity ➤ communication 	<ul style="list-style-type: none"> ➤ marketing and sales ➤ human resource ➤ banking
Engineering, design, art and technology	<ul style="list-style-type: none"> ➤ mathematics ➤ fine art ➤ physics ➤ economics ➤ technical ➤ drawing 	<ul style="list-style-type: none"> ➤ creativity ➤ order and structure ➤ precision ➤ building 	<ul style="list-style-type: none"> ➤ engineering ➤ building and construction ➤ graphics design ➤ interior design ➤ fashion ➤ architecture ➤ surveying
Computer and IT	<ul style="list-style-type: none"> ➤ mathematics ➤ physics ➤ computer 	<ul style="list-style-type: none"> ➤ ambition ➤ persistence ➤ challenge ➤ innovation ➤ independence 	<ul style="list-style-type: none"> ➤ network ➤ engineering ➤ program ➤ data analysis ➤ developer ➤ gaming

SELECTED CAREER OPPORTUNITIES AND THEIR REQUIREMENTS

Law	➤ all subjects	<ul style="list-style-type: none"> ➤ justice ➤ intellectual ➤ status ➤ authority ➤ independence ➤ speech 	<ul style="list-style-type: none"> ➤ advocate ➤ magistrate ➤ legal secretary ➤ attorney
Journalism, media and communication	➤ all subjects	<ul style="list-style-type: none"> ➤ speech ➤ writing ➤ interaction ➤ interpersonal relationships ➤ self expression ➤ creativity ➤ adventure 	<ul style="list-style-type: none"> ➤ reporter ➤ anchor ➤ writer ➤ public relations ➤ advertising ➤ presenter ➤ editor
services	➤ all subjects	<ul style="list-style-type: none"> ➤ service ➤ routine ➤ competence ➤ authority 	<ul style="list-style-type: none"> ➤ tourism ➤ hotel ➤ management ➤ events ➤ management ➤ defense force ➤ security ➤ public service ➤ and governance

