**List of Commonly Used Prefixes and Suffixes Bio 201**

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| **TERM QUIZ #1** |
| **Word Part** | **Meaning** | **Example(s)** |
| a-, an, non | Without, Not | Apnea, Anuria, Nonstriated |
| ab-, ef- | Away | Abductor muscle, Efferent Neuron |
| abdomin- | Abdomen | Abdominopelvic |
| acou- | Hear | Acoustic |
| ad-, af- | Toward | Afferent neuron, Adductor muscle |
| adi-, lip(o)- | Fat | Adipose, Liposuction |
| -alg | Pain | Neuralgia, Fibromyalgia |
| ana- | Up | Anabolic reaction |
| ang(i)- | Vessel | Angiogenesis, Vasodilator |
| ante-, pre-, pro- | Before | Prenatal, Antebrachial, Promonocyte |
| anti-, contra- | Against, Resisting | Antibody, Contraception |
| aqua(e)-, hydr | Water | Aqueous, hydrocephalus |
| arthr(o), artic- | Joint | Arthritis, Articulation |
| -ase | Enzyme | Maltase, Lipase |
| audi- | Hear | Auditory nerve |
| aut(o)- | Self | Autoimmunity |
| bi-, di-, diplo- | Two | Bicuspid, Diencephalon, Diplococcus |
| blast- | Formative cell, bud | Osteoblast |
| brachi- | Arm | Brachialis |
| brachy-, brev(i)- | Short | Brachydactyly, Fibularis brevis |
| brady- | Slow | Bradycardia |
| bronch- | Airway | Bronchitis |
| cardi- | Heart | Cardiology |
| cata- | Down | Catabolic reaction |
| cent- | 100, 100th | Century, Centigram |
| -centesis | Puncture | Amniocentesis |
| cephal-, -ceps | Head | Hydrocephalus, Biceps femoris |
| cerebro- | Brain | Cerebrospinal fluid |
| chol-, cystic | Gallbladder | Cholecystokinin, Cystic duct |
| chondr- | Cartilage | Chrondrocyte |
| -cide | Kill | Spermacide |
| circum-, peri- | Around | Circumcision, Periodontal |
| -clast | Break, Destroy | Osteoclast |
| co-, con-, sym-, syn-, sys- | Together, With | Congenital, Synthesis, System |
| coel-, sinu- | Cavity, Space | Coelom, Frontal sinus |
| contra- | Against, opposite | Contraception |
| corp-, soma- | Body | Corpus luteum, Somatic cell |
| -crine | Secrete, Release | Endocrine gland |
| cut, derm | Skin | Subcutaneous, Dermatitis |
| cyan- | Blue | Cyanosis |
| cysti- | Bladder or sac | Cystoscope |
| -cyte, -cyto | Cell | Leukocyte |
| dactyl, digit | Finger or Toe | Syndactyly |
| dec(k) | 10, 1/10th | Decade, Dekagram, Deciliter |
| dent, don | Tooth/Teeth | Dentalgia, Orthodontist |
| di- | Two | diarthrotic |
| dia-, per-, trans- | Through, Separate, Across | Diarrhea, Permeable, Transcutaneous |
| diplo- | Double | Diploid |
| dys-, mal- | Bad, Painful, Difficult | Dyspnea, Malnutrition, Malabsorption |

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| **TERM QUIZ #2** |
| **Word Part** | **Meaning** | **Example(s)** |
| -ectomy, -tom, -sect | Cut, Cut out | Appendectomy, Lobotomy, Dissect |
| ecto- | Displaced | Ectopic pregnancy |
| edem- | Swelling | Lymphedema |
| -emesis | Vomiting | Hyperemesis |
| -emia | Blood condition | Hypoglycemia |
| en, endo-, intra- | Inside, Within | Endosteum, Intraocular |
| epi- | Upon, Over, Above | Epidermis, Epididymis |
| equi-, homo-, iso- | Same, Equal, Balanced | Homeostasis, Isotonic |
| erythr- | Red | Erythrocyte |
| -esthe | Sensation | Anesthesia |
| ex-, ecto- | Outside | Extracellular fluid |
| fasci- | Bundle | Muscle or nerve fascicle |
| foram- | Opening | Infraorbital foramen |
| gastr- | Stomach | Gastric bypass surgery |
| -gen, poie-, blast | Create, Form | Oogenesis, Hemopoiesis, Osteoblast |
| ger (o, i) - | Aging, Old | Gerontology, Geriatrics |
| glom- | Ball | Glomerulus |
| gloss, lingu | Tongue | Hypoglossal, Sublingual |
| gluc-, gly, -ose | Sugar | Glucose, Glycogen |
| gyn | Woman | Gynecologist |
| -gram | Something written | Electrocardiogram (ECG) |
| -graph | Writing apparatus | Electrocardiograph |
| -graphy | Use of writing apparatus | Electrocardiography |
| hem- | Blood | Hemothorax |
| hemi-, semi- | Half | Cerebral hemisphere |
| hepat- | Liver | Hepatitis |
| hex- | Six | Hexose |
| hist- | Tissue | Histology |
| hyper- | Over, Excessive | Hypertonic, Hyperesthesia |
| hypo-, infra-, infer-, sub- | Under, Below, Less | Hypotonic, Infraorbital, Inferior, submandibular |
| hyster-, metr- | Uterus | Hysterectomy, Endometrium |
| -iasis, -osis | Condition of | Cholelithiasis, Nephrosis |
| -itis | Inflammation of | Appendicitis |
| inter- | Between | Interstitial Fluid |
| kilo-, milli- | 1000, 1000th | Kilogram, Milligram |
| kin- | To move, Divide | Kinesiology, Cytokinesis |
| lact- | Milk | Lactose |
| lapar- | Abdomen | Laparoscopy |
| leuk(c)- | White | Leucopoeisis |
| lig- | Connect, Bind | Ligaments, Ligase |

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| **TERM QUIZ #3** |
| **Word Part** | **Meaning** | **Example(s)** |
| -logy, -ist, -ician | Study of, Specialist | Cardiology, Pharmacist, Dietician |
| lys, lyze | Break apart, Dissolve | Hydrolysis, Lysosome |
| macr-, mega, magn- | Large | Macrophage, Magnum foramen |
| mamm-, mass-, pect- | Breast, Chest | Mammary, Mastectomy, Pectoralis |
| -mania | Obsession, Compulsion | Kleptomania |
| med-, meso-, meta- | Middle | Mediastinum, Mesoderm, Metaphase |
| -megaly | Enlargement | Splenomegaly |
| melano- | Black | Melanocyte |
| mens- | Month | Menstrual cycle |
| -metric, -meter | Measurement, Length | Isometric, Spirometer |
| micro-, -ole, -ule | Small | Microscope, Arteriole, Venule |
| mnem- | Memory | Amnesia |
| mono-, uni- | One | Monozygotic, Unicellular |
| morph, -plasty | Shape | Morphology, Rhinoplasty |
| mort, necr- | Death | Post mortem, Necrotic tissue |
| multi-, poly- | Many | Multinucleate, Polysaccharide |
| mut- | Change | Mutation |
| myo- | Muscle | Myopathy, Myofibril |
| nas-, rhin | Nose | Nasal septum, Rhinovirus |
| nat- | Birth | Prenatal |
| neo- | New | Neonatal |
| nephr-, ren | Kidney | Nephrosclerosis, Renal vein |
| o(o), ovi | Egg | Oophorectomy, Oviduct |
| oct | Eight | Octet rule |
| ocu, ophth, opt, orbit | Eye | Orbicularis occuli, Ophthalmologist |
| -oid | Resembling, Shape of | Sigmoid colon |
| olig- | Little, Few | Oliguria |
| -oma, onco | Tumor | Melanoma, Oncologist |
| -opia | Vision | Hyperopia |
| or(a) | Mouth | Orbicularis oris |
| -scopy | To view, See | Arthroscopic surgery |
| ost- | Bone | Osteoblast, Osteomyelitis |
| -ostomy | Make an opening | Tracheostomy |
| ot | Ear | Otoscope |
| palp, tact | Touch, Feel | Palpate, Tactile |
| para | Beside | Parathyroid glands |
| path | Disease | Pathogenic bacteria |
| ped, pod | Foot, Feet | Pedal, Podiatrist |
| pent | Five | Pentose |
| phago | Eat, Feed | Phagocyte |

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| **TERM QUIZ #4** |
| **Word Part** | **Meaning** | **Example(s)** |
| pharm | Drug | Psychopharmic |
| -phasia | Speech | Dysphagia |
| phleb | Vein | Phlebotomist |
| photo, lumen | Light | Photoreceptor, Gastric lumen |
| phobia, phobe | Fear | Hydrophobia |
| phys | Function | Physiology |
| -plasia | Growth, Formation | Hyperplasia |
| plegia | Paralysis | Quadriplegia |
| pnea, spir | Breathing | Apnea, Inspire |
| pneum, pulmon | Lungs, Air | Pneumothorax, Pulmonary embolus |
| post | After | Postnatal |
| prim | First | Primary bronchus |
| proct | Rectum, Anus | Proctoscope, Proctologist |
| pseudo | False | Pseudounipolar neuron |
| psych, phren, -noia | Mind | Psychosis, Schizophrenia |
| quad, tetra | Four | Quadriceps, Tetralogy of Fallot |
| re-, retro | Back, Again, Past | Reinfect, Retrograde amnesia |
| -rrhea | Flow, Discharge | Diarrhea, Otorrhea |
| sclero | Hardening | Arteriosclerosis, Scleroderma |
| sept, tox | Poison, Contaminate | Antiseptic, Cytotoxin |
| sten | Narrowing | Pyloric stenosis |
| strat | Layer | Stratified squamous epithelia |
| super, supra | Above, Over | Superior vena cava, Supraorbital |
| tachy | Fast | Tachycardia |
| -tension | Pressure | Hypertension |
| therm | Heat | Thermoreceptor |
| thromb | Clot | Thrombocyte |
| -tonic | Strength | Isotonic |
| tri-, tert- | Three, Third | Triglyceride, Tertiary bronchus |
| zyg | Union | Zygote |