

All information for these comparisons was derived from the institution's catalogs and student interviews at Oregon Health Sciences University.

Comparative class courses correspond horizontally.

The Doctor of Chiropractic is considered a "first professional degree." Unlike the Doctor of Philosophy (Ph.D.) degree, first professional degrees do not presuppose that a student has earned a Bachelor's and a Master's degree. In addition to chiropractic, first professional degrees are characteristic of other health professions [such as dentistry (D.D.S), medicine (M.D.), optometry (O.D.), etc.] and also law (J.D.) and theology. (See 1991 Western States Chiropractic College Catalog.)

There have been nearly thirty clinical studies conducted comparing **manipulative therapy** to other types of treatment for low back pain. Spinal manipulation has been to be constantly **as effective or more effective** than an array of other comparison treatments for low back pain. (Nyiendo, J. Chiropractic effectiveness, Portland, Oregon; Oregon Chiropractic Physicians Association, April, 1991).

COONTINUING EDUCATION REQUIREMENTS

Chiropractics Physicians – The Oregon Board of Chiropractic Examiners' administrative rules require **45 hours of continuing education** for relicensure.

Medical Physicians/ Osteopathic Physicians- The Oregon board of Medical examiners' administrative rules **do not require continuing education** for relicensure.

Physical Therapists- the Oregon Physical Therapists' Licensing Board **does not require continuing education** for relicensure.

PHYSICIAN / NON-PHYSICIAN COMPARISON

CHIROPRACTIC PHYSICIAN WESTERN STATES CHIROPRACTIC COLLEGE 1990-1992

PHYSICAL THERAPIST PACIFIC UNIVERSITY 1990-1991

Course Title	Class Hours	Course Title	Class Hours
Gross Anatomy I-III	288	Gross Human Anatomy	171
Spinal Anatomy I-III	24		
Histology I, II	144		
Biochemistry I, II	120	Applied Human Physiology	87
Physiology I, II	132		
Neurophysiology	72	Functional Neuroanatomy	132
Neuroanatomy	96		
Embryology	24		
Nutrition	48		
Clinical Nutrition	24		
Physical Diagnosis I, II	144	Psychological Aspects Illness/ Disability	45
Clinical Psychology	36	Fundamentals of Pathology	15
General Pathology I, II	120		
Clinical Pathology	36		
Genetics	48		
CPR/Emergency Care	24	Physical Therapy Evaluation Seminar	30
Microbiology & Public Health	72	MS. Disabilities & Therapeutic Pro.	75
Clinical Microbiology & Public Health	84	Neurological Disab. & Therapeutic Pro	75
Toxicology & Pharmacology	48	Physical Agents I, II	105
Dermatology & Infectious Disease	24	Fundamentals of Therapeutic Exercise	30
Clinical Lab	60	Motor Contort & Therapeutic Proceed.	60
Correlative & Differential Diagnosis	48		
Neuromusculoskeletal-Diagnosis/ Treatment I-IV	252	Medical Disability & Therapeutic Proceed.	45
Physiotherapy I, II	120		
		Special Topics	30
Soft Tissue Therapies I, II	48	Professional Issues	45
Gastroenterology Diagnosis/ Treatment	60		
Cardio respiratory Diagnosis/ Therapy	60	Organization & Administration	45
Genitourinary Survey	60	Professional Communication	45
		Health Care & the Geriatric Patient	30
Obstetrics	36	Human Motion & Biomechanics I, III	120
Jurisprudence & Ethics	24		
Radiographic Anatomy I-III	84		
Bone Pathology I-IV	120		
Radiographic Report Writing	12		
Roentgenometrics I, II	24	Research and Thesis	171
Radiographic Technique I-III	120		
Patient/ Practice Management I-III	84		
Clinical Pediatrics	24		
Clinical Geriatrics	24		
Biomechanics & Palpation I-IV	204		
Adjustive Technique I-IX	408		
Eye/ Ear/ Nose/Throat	24		
Narrative Report Writing	24		
Radiology Report Writing	12		
Clinical Research Methodology I, II	60		
Principles of Chiropractic I-V	96		
Minor Surgery/ Proctology	36		
TOTAL CALSS HOURS	3,732	TOTAL CLASS HOURS	1,356
Clinical Observation I-III	60	Clinical Experience I-III	280
Clinic Phase I,II,III-A,B,C,D	816	Clinical Internship I-III	800
TOTAL CLINIC HOURS	876	TOTAL CLINIC HOURS	1,080
TOTAL D.C. REQUIEIMENTS	4,608	TOTAL P.T. REQUIREMENTS	2,436

PHYSICIAN COMPARISON

CHIROPRACTIC PHYSICIAN

WESTERN STATES CHIROPRACTIC COLLEGE 1988-1990

Course Title	Class Hours
Gross Anatomy I-III	288
Histology I, II	144
Biochemistry I, II	120
Physiology I, II	132
Embryology	24
Neuroanatomy	96
Nutrition	48
Clinical Nutrition	36
Physical Diagnosis I, II	144
Clinical Psychology	36
General Pathology I, II	120
Genetics	48
CPR/ Emergency Care	24
Microbiology & Public Health	84
Clinical Microbiology & Public Health	84
Toxicology & Pharmacology	48
Dermatology & Infectious Disease	24
Clinical Lab	60
Neurophysiology	72
Gastroenterology Diagnosis/ Treatment	48
Cardiorespiratory Diagnosis/ Treatment	24
Clinical Pathology	36
Genitourinary Survey	60
Jurisprudence & Ethics	24
Radiological Interpretation I-V	120
Radiographic Anatomy I-III	84
Roentgenometrics I, II	24
Soft Tissue Radiographic Interp. I, II	48
Radiographic Technique I, II	120
Minor Surgery/ Proctology	24
Obstetrics	36
Patient/ Practice Management I- IV	108
Adjustive Technique I- IX	396
Clinical Pediatrics	24
Clinical Geriatrics	24
Spinal Anatomy	24
Biomechanics & Palpation I- IV	264
Neuromusculoskeletal DX/TX I-IV	276
Correlative & Differential Diagnosis	48
Physiotherapy I, II	120
Narrative Report Writing	24
Clinical Research Methodology I, II	60
Principles of Chiropractic Philosophy I-IV	120

TOTAL CLASS HOURS	3,768
Clinic Observation I-III	72
Clinic Phase I,II,III A,B,C,D	822

TOTAL CLINIC HOURS	894
TOTAL D.C. REQUIREMENTS	4,662
Optional hours not included in totals	

MEDICAL PHYSICIAN

OREGON HEALTH SCIENCES UNIVERSITY 1988-1990

Course Title	Class Hours
Gross Anatomy	190
Histology	84
Medical Biochemistry	145
Human Physiology	149
Developmental Physiology	40
Neuroanatomy	84
Nutrition	20
Ophthalmology	36
Otolaryngology	72
Medical Psychology	49
Introduction to Psychiatry	43
General Pathology	68
Medical Genetics	32
Cardiopulmonary Resuscitation	
Introduction to Medical Microbiology	90
Introduction to Public Health	26
Public Health and Epidemiology	40
Immunology	35
Pharmacology	72
Pathophysiology of Skin. Bone C.T.	69
Blood/ Reticuloendothelial Pathophys.	117
Pathophysiology of the CNS/ Muscle and	
Special Sensory Organs	158
Neurology and Neurosurgery	216
Gastrointestinal Pathophysiology	123
Respiratory Pathophysiology	79
Cardiovascular Pathophysiology	117
Endocrine Pathophysiology	43
Reproductive Pathophysiology	55
Renal Pathophysiology	117
Law and Medicine	24
Radiographic Diagnosis	24
Child Health (CON 620, lecture)	48
Surgery	432
Special Programmed Instruction	

TOTAL CLASS HOURS	2,465
Patient Evaluation	192
Third- Year Medicine	432
Child Health	384
Psychiatry Clinical Clerkship	216
Obstetrics and Gynecology	216

TOTAL HOSPITAL HOURS	2,412
TOTAL M.D. REQUIREMENTS	4,877
Optional hours not included in totals.	

OSTEOPATHIC PHYSICIAN

CHICAGO COLLEGE OF OSTEOPATHIC MEDICINE
1989-1990

Course Title	Class Hours
Gross Anatomy (401,2)	264
Histology	77
Biochemistry (410,2)	143
Physiology (401,2)	176
Embryology (401)	11
Neuroanatomy (401,2)	66
Introduction to Clinical Med. (401,2,3)	33
Psychology (403)	22
Psychiatry (401,2) (504,5)	53
Pathology (401, 502,3)	181
Pharmacology (501,2)	125
Prep. For Clinical Practice (501)	300
Osteopathic Manipulation Med. I-V	162
Introduction to Clinical Med. IV, V	63
History of Medicine (401)	11
Electives (500.01, .02,. 03)	70
Family Medicine (601, 2)	800
Internal Medicine (601)	800
Pediatrics (601)	240
Psychiatry (601)	160
Obstetrics/ Gynecology (601)	240
Emergency Medicine (601)	160
Pathology (601)	80
Surgery (601)	640
Electives (701, 801)	640
TOTALHOSPITAL HOURS	3,840
TOTAL D.O. REQUIREMENTS	5,776
Optional hours included in totals.	