



PALMER
College of Chiropractic

The Trusted Leader in Chiropractic Education®

CATALOG 2021-2022

ADDENDUM

9/7/22

TRIMESTER ACADEMIC CALENDAR -

MAIN CAMPUS AND FLORIDA CAMPUS

FALL TRIMESTER 2022-2023

Oct. 31	New Student Orientation/ Faculty In-Service
Nov. 1	Classes begin
Nov. 7	Last day student registration
Nov. 24-25	Thanksgiving Recess/No classes
Dec. 21	Term Midpoint/Last day to drop a course or withdraw from term
Dec. 22	Winter recess (first day)
Jan. 3	Winter recess (last day)
Jan. 4	Classes resume
Jan. 16	Martin Luther King Jr. Day/No classes
Feb. 15	Classes end
Feb. 16	Study day / No classes
Feb. 17-23	Final exams
Feb. 24	Graduation (Main Campus)

SPRING RECESS 2023

February 25 – March 5, 2023

SPRING TRIMESTER 2023

March 6	New Student Orientation/ Faculty In-Service
March 7	Classes begin
March 13	Last day student registration
April 7-10	Spring Recess / No classes
April 26	Term Midpoint/Last day to drop a course or withdraw from term
May 29	Memorial Day / No classes
June 7	Classes end
June 8	Study day / No classes
June 9-15	Final exams
June 16	Graduation (Main Campus)

SUMMER RECESS 2023

June 17 – July 9, 2023

SUMMER TRIMESTER 2023

July 10	New Student Orientation/ Faculty In-Service
July 11	Classes begin
July 17	Last day student registration
Aug. 30	Term Midpoint/Last day to drop a course or withdraw from term

Sept. 4	Labor Day Recess / No classes
Sept. 18	Founder's Day
Oct. 11	Classes end
Oct. 12	Study day / No classes
Oct. 13-19	Final exams
Oct. 20	Graduation (Main Campus)

FALL RECESS 2023

October 21 – 29, 2023

FALL TRIMESTER 2023-2024

Oct. 30	New Student Orientation/ Faculty In-Service
Oct. 31	Classes begin
Nov. 6	Last day student registration
Nov. 23-24	Thanksgiving Recess/No classes
Dec. 20	Term Midpoint/Last day to drop a course or withdraw from term
Dec. 23	Winter recess (first day)
Jan. 6	Winter recess (last day)
Jan. 7	Classes resume
Jan. 15	Martin Luther King Jr. Day / No classes
Feb. 14	Classes end
Feb. 15	Study day / No classes
Feb. 16-22	Final exams
Feb. 23	Graduation (Main Campus)

SPRING RECESS 2024

February 24 - March 3, 2024

SPRING TRIMESTER 2024

March 4	New Student Orientation/ Faculty In-Service
March 5	Classes begin
March 11	Last day student registration
Mar 29- Apr 1	Spring Recess / No classes
April 24	Term Midpoint/Last day to drop a course or withdraw from term
May 27	Memorial Day / No classes
June 5	Classes end
June 6	Study day / No classes
June 7-13	Final exams
June 14	Graduation (Main Campus)

SUMMER RECESS 2024

June 15 – July 14, 2024

SUMMER TRIMESTER 2024

July 15	New Student Orientation/ Faculty In-Service
July 16	Classes begin
July 22	Last day student registration
Sept. 2	Labor Day/No classes
Sept. 4	Term Midpoint/Last day to drop a course or withdraw from term
Sept. 18	Founder's Day
Oct. 16	Classes end
Oct. 17	Study day / no classes
Oct. 18-24	Final exams
Oct. 25	Graduation (Main Campus)

FALL RECESS 2024

October 26 – November 3, 2024

FALL TRIMESTER 2024-2025

Nov. 4	New Student Orientation/ Faculty In-Service
Nov. 5	Classes begin
Nov. 11	Last day student registration
Nov. 28-29	Thanksgiving Recess / No classes
Dec. 21	Winter recess (first day)
Jan. 5	Winter recess (last day)
Jan. 6	Classes resume
Jan. 9	Term Midpoint/Last day to drop a course or withdraw from term
Jan. 20	Martin Luther King Jr. Day / No classes
Feb. 19	Classes end
Feb. 20	Study day / No classes
Feb. 21-27	Final exams
Feb. 28	Graduation (Main Campus)

SPRING RECESS 2025

March 1 - March 9, 2025

SPRING TRIMESTER 2025

March 10	New Student Orientation/ Faculty In-Service
March 11	Classes begin
March 17	Last day student registration
Apr 18 - 21	Spring Recess / No classes
April 30	Term Midpoint/Last day to drop a course or withdraw from term
May 26	Memorial Day / No classes
June 11	Classes end

June 12	Study day / No classes
June 13-19	Final exams
June 20	Graduation (Main Campus)

SUMMER RECESS 2025

June 21 – July 13, 2025

SUMMER TRIMESTER 2025

July 14	New Student Orientation/ Faculty In-Service
July 15	Classes begin
July 21	Last day student registration
Sept. 1	Labor Day / No classes
Sept. 3	Term Midpoint/Last day to drop a course or withdraw from term
Sept. 18	Founder's Day
Oct. 15	Classes end
Oct. 16	Study day / No classes
Oct. 17-23	Final exams
Oct. 24	Graduation (Main Campus)

FALL RECESS 2025

October 25 – November 2, 2025

FALL TRIMESTER 2025-2026

Nov. 3	New Student Orientation/ Faculty In-Service
Nov. 4	Classes begin
Nov. 10	Last day student registration
Nov. 27-28	Thanksgiving Recess / No classes
Dec. 20	Winter recess (first day)
Jan. 4	Winter recess (last day)
Jan. 5	Classes resume
Jan. 8	Term Midpoint/Last day to drop a course or withdraw from term
Jan. 19	Martin Luther King Jr. Day / No classes
Feb. 18	Classes end
Feb. 19	Study day / No classes
Feb. 20-26	Final exams
Feb. 27	Graduation

SPRING RECESS 2026

February 28 - March 8, 2026

SPRING TRIMESTER 2026

March 9	New Student Orientation/ Faculty In-Service
March 10	Classes begin
March 16	Last day student registration
Apr 3 - 6	Spring Recess / No classes

April 29	Term Midpoint/Last day to drop a course or withdraw from term
May 25	Memorial Day / No classes
June 10	Classes end
June 11	Study day / No classes
June 12-18	Final exams
June 19	Graduation

SUMMER RECESS 2026

June 20 – July 12, 2026

SUMMER TRIMESTER 2026

July 13	New Student Orientation/ Faculty In-Service
July 14	Classes begin
July 10	Last day student registration
Sept. 2	Term Midpoint/Last day to drop a course or withdraw from term
Sept. 7	Labor Day / No classes
Oct. 14	Classes end
Oct. 15	Study day / No classes
Oct. 16-22	Final exams
Oct. 23	Graduation

FALL RECESS 2026

October 24 – November 1, 2026

FALL TRIMESTER 2026-2027

Nov. 2	New Student Orientation/ Faculty In-Service
Nov. 3	Classes begin
Nov. 9	Last day student registration
Nov. 26-27	Thanksgiving Recess / No classes
Dec. 19	Winter recess (first day)
Jan. 3	Winter recess (last day)
Jan. 4	Classes resume
Jan. 7	Term Midpoint/Last day to drop a course or withdraw from term
Jan. 18	Martin Luther King Jr. Day / No classes
Feb. 17	Classes end
Feb. 18	Study day / No classes
Feb. 19-25	Final exams
Feb. 26	Graduation

SPRING RECESS 2027

February 27 - March 6, 2027

DOCTOR OF CHIROPRACTIC DEGREE CORE CURRICULUM

Palmer College of Chiropractic offers a Doctor of Chiropractic (D.C.) degree. Each candidate for the degree is required to complete a minimum of five academic years (eight months each of classroom work) in the prescribed curriculum. Students transferring from other accredited chiropractic colleges must complete a minimum of 25% of the prescribed curriculum while in residence at Palmer College. The final academic year prior to graduation must be completed at the Palmer campus where the degree is being awarded.

The Doctor of Chiropractic curriculum on each campus focuses on the teaching and subsequent evaluation of student clinical competency. The Council on Chiropractic Education has identified mandatory meta-competencies that ensure the graduate will demonstrate attainment of the skills necessary to function as a primary care chiropractic physician. These meta-competencies, along with the Palmer Abilities, present our vision of the specific knowledge, skills and attitudes that will be demonstrated by all Palmer graduates in the Doctor of Chiropractic degree program.

COMPETENCIES AND SKILLS FOR THE CHIROPRACTIC GRADUATE

CCE META-COMPETENCIES:

- Assessment and Diagnosis
- Management Plan
- Health Promotion and Disease Prevention
- Communication and Record Keeping
- Professional Ethics and Jurisprudence
- Information and Technology Literacy
- Chiropractic Adjustment/Manipulation
- Intellectual and Professional Development

THE PALMER CHIROPRACTIC ABILITIES

EFFECTIVE COMMUNICATION

The competent Palmer graduate demonstrates effective verbal, nonverbal and written communication skills with appropriate sensitivity, expressivity and control for a wide range of health-care related activities, including patient care, intra- and inter-professional communications (e.g., consultation, concurrent care and referral), health education, record-keeping and reporting. The graduate is skilled in communicating to a variety of audiences including single patients and public forums.

PROFESSIONAL GROWTH AND LIFELONG LEARNING

The competent Palmer graduate, recognizing the limitations of his/her knowledge and experience, seeks to gain and apply new knowledge and skill. The graduate is information and technology literate and adapts to change. The graduate demonstrates a willingness to contribute positively to the community, society, the body politic and the chiropractic profession.

MORAL REASONING AND PROFESSIONAL ETHICS

The competent Palmer graduate practices personal integrity through moral decision-making and accepts responsibility for the consequences of his/her actions. The graduate acknowledges the existence and nature of different value systems of patients and others. The graduate recognizes the ethical dimensions of clinical practice and the choices necessary to maintain his/her own ethical integrity.

CRITICAL THINKING AND PROBLEM SOLVING

The competent Palmer graduate identifies problems and their cause(s) and applies a logical decision-making process to manage them. Alone and collaboratively, the graduate formulates successful strategies for various situations. The graduate applies critical thinking to problem solving and clinical reasoning.

PHILOSOPHY AND HISTORY OF CHIROPRACTIC

The competent Palmer graduate explores, understands and critically assesses the work of influential thinkers in the history and philosophy of chiropractic and compares and contrasts chiropractic with other health-care approaches. The graduate recognizes the impact of the role of chiropractic in the past, present and future healthcare environment and is able to convey the philosophical construct of chiropractic to multiple audiences. The graduate uses reasoned dialogue and logical argumentation when challenging traditional assumptions of health and adapts his/her thinking to new knowledge.

INTEGRATING BASIC SCIENCE INTO THE PRACTICE OF CHIROPRACTIC

The competent Palmer graduate demonstrates fundamental understanding of anatomy and physiology and synthesizes basic science knowledge to explain health-related issues. The graduate explains current concepts in subluxation theory and models and conceptually interprets pathophysiology using current scientific understanding.

PATIENT EVALUATION SKILLS

The competent Palmer graduate gathers health data through application of fundamental clinical skills (e.g., history, regional examination, spinal examination and lab) and applies reasoning to formulate a clinical diagnosis with differentials. The graduate applies best practices/evidence-based use of diagnostic tools, procedures and decision making.

PATIENT MANAGEMENT SKILLS

The competent Palmer graduate applies principles of case management, integrating care with other health professions when appropriate. The graduate demonstrates effective skeletal adjusting skills and understands the role of rehabilitative and supportive exercise and nutrition in improving health. The graduate promotes health improvement, wellness and disease prevention through appropriate care and education. The graduate recognizes and practices within the boundaries of medico-legal issues associated with patient care.

HEALTH CARE IN SOCIAL AND COMMUNITY CONTEXTS

The competent Palmer graduate understands epidemiological principles regarding the nature and identification of health issues in diverse populations and recognizes the impact of psychosocial and environmental factors on general health. The graduate understands the role of chiropractic in healthcare from a sociological perspective and accommodates diverse populations and environments in providing individualized patient care.

BUSINESS MANAGEMENT

The competent Palmer graduate understands legal and malpractice implications of decision-making and applies principles and practices of business management, financial management, marketing, insurance reporting and managed care in a legal and ethical manner.

TRIMESTER CURRICULUM DAVENPORT AND FLORIDA CAMPUSES

COURSE DESCRIPTION KEY

ANAT51200

ANAT = Departmental Abbreviation

51 = Term Code 200 = Course Number

Departmental abbreviations

ANAT Anatomy

CBPM Chiropractic Business
and Practice Management

CLIN Clinic

DIAG Diagnosis

LIBR Library

PATH Pathology

PHCH Physiology and Biochemistry

PHIL Philosophy

REHB Physiotherapy
Rehabilitation

ROEN Radiology

RSCH Research

SPED Elective Program

TECH Technique

COURSES BY TRIMESTER - Davenport course number/Florida course number

FIRST TRIMESTER

Course	Course #	Credits	Contact Hrs. /Wk.	Contact Hrs./Term
Gross Anatomy I	ANAT51203/ANAT51903	4	6	90
Neuroanatomy I	ANAT51204/ANAT51904	3	5	75
Embryology-Histology	ANAT51214/ANAT51914	3	4	60
Rights & Responsibilities	CBPM51111/CBPM51911	1	1	15
Biochemistry I	PHCH51331/PHCH51931	3	5	75
Physiology I	PHCH51335/PHCH51935	3	5	75
Chiro Philosophy & Practice	PHIL51122/PHIL51922	1	2	30
TOTAL		18	28	420

SECOND TRIMESTER

Course	Course #	Credits	Contact Hrs. /Wk.	Contact Hrs./Term
Gross Anatomy II	ANAT52205/ANAT52905	4	6	90
Spinal Anatomy	ANAT52214/ANAT52914	4	6	90
General Pathology	PATH52301/PATH52901	3	4	60

Biochemistry II	PHCH52306/PHCH52906	3	5	75
Physiology II	PHCH52344/PHCH52944	3	5	75
Chiropractic Theory	PHIL52123/PHIL52923	1	2	30
Palpation	TECH52603/TECH52903	1	2	30
TOTAL		19	30	450

THIRD TRIMESTER

Course	Course #	Credits	Contact Hrs. /Wk.	Contact Hrs./Term
Neuroanatomy II	ANAT61208/ANAT61908	3	5	75
Immunology	PATH61421/PHCH61921	2	3	45
Microbiology	PATH61423/PATH61923	3	4	60
Systems Pathology I	PATH61424/PATH61924	3	4	60
Endocrinology	PHCH61345/PHCH61945	2	3	45
Physiology III	PHCH61346/PHCH61946	3	5	75
Foundations of Evidence Based Clinical Practice	RSCH53112/RSCH53912	1	2	30
Subluxation Analysis	TECH61609/TECH61909	2	4	60
TOTAL		19	30	450

FOURTH TRIMESTER

Course	Course #	Credits	Contact Hrs. /Wk.	Contact Hrs./Term
Life Science Review	ANAT62223/ANAT62923	3	4	60
Introduction to EHR	CLIN62222/CLIN62922	1	2	30
Physical Diagnosis I	DIAG62223/DIAG62923	3	5	75
Clinical Skills I	DIAG62224/DIAG62924	1	1	15
Systems Pathology II	PATH62426/PATH62926	2	3	45
Foundations of Nutrition	PHCH62307/PHCH62907	2	3	45
Public Health	PHIL62144/PHIL62944	1	2	30
Movement Science	REHB62347/REHB62947	2	4	60
Radiographic Quality I	ROEN62513/ROEN62913	2	3	45
Toggle Recoil	TECH62609/TECH62909	2	4	60
TOTAL		19	31	465

FIFTH TRIMESTER

Course	Course #	Credits	Contact Hrs. /Wk.	Contact Hrs./Term
Neuromusculoskeletal Diagnosis I	DIAG71709/DIAG71909	3	5	75
Physical Diagnosis II	DIAG71711/DIAG71911	3	5	75
Genitourinary	DIAG71712/DIAG71912	2	4	60
Geriatrics	DIAG71713/DIAG71913	1	2	30
Clinical Skills II	DIAG71714/DIAG71914	1	2	30
Physiotherapy I: Passive Care	REHB71855/REHB71955	2	4	60
Diagnostic Imaging I	ROEN71513/ROEN71913	3	5	75
Radiographic Quality II	ROEN71514/ROEN71914	2	3	45
Cervical Technique	TECH71605/TECH71905	3	5	75
TOTAL		20	35	525

SIXTH TRIMESTER

Course	Course #	Credits	Contact Hrs. /Wk.	Contact Hrs./Term
Clinical Methods	CLIN72805/CLIN72905	1	2	30
Neuromusculoskeletal Diagnosis II	DIAG72704/DIAG72904	3	5	75
Obstetrics and Pediatrics	DIAG72714/DIAG72914	3	5	75
Clinical Psychology	DIAG72715/DIAG72915	1	2	30
Clinical Skills II	DIAG72716/DIAG72916	1	2	30
Toxicology	PATH72415/PATH72915	2	3	45
Physiotherapy II: Active Care	REHB72856/REHB72956	2	4	60
Diagnostic Imaging II	ROEN72514/ROEN72914	3	5	75
Thoracolumbar Technique	TECH72607/TECH72907	3	5	75
Pelvic Technique	TECH72615/TECH72915	2	4	60
TOTAL		21	37	555

SEVENTH TRIMESTER

Course	Course #	Credits	Contact Hrs. /Wk.	Contact Hrs./Term
Emergency Procedures	CLIN81809/CLIN81909	2	3	45
Clinic I	CLIN81811/CLIN81911	2	5	75
Visceral Disorders & Laboratory Interpretation	DIAG81719/DIAG81919	3	5	75
Differential Diagnosis	DIAG81721/DIAG81921	2	3	45
Clinical Nutrition	PHCH81347/PHCH81947	2	3	45
Imaging: Chest & Abdomen	ROEN81516/ROEN81916	1	2	30
Technique Principles and Practice	TECH81616/TECH81916	3	5	75
Extremity Adjusting	TECH81618/TECH81918	2	4	60
Assisted Adjusting Techniques	TECH81619/TECH81919	2	3	45
TOTAL		19	33	495

EIGHTH TRIMESTER

Course	Course #	Credits	Contact Hrs. /Wk.	Contact Hrs./Term
Financial Management	CBPM82151/CBPM82951	2	3	45
Legal Issues	CBPM82152/CBPM82952	1	2	30
Clinic II	CLIN82833/CLIN82933	9	21	315
OSCE—Clinical Exam	CLIN82850/CLIN82950	0		
OSCE—Radiology Exam	CLIN85851/CLIN82951	0		
Patient Centered Comm.	PHIL82127/PHIL82927	1	2	30
TOTAL		13	28	420

NINTH TRIMESTER

Course	Course #	Credits	Contact Hrs. /Wk.	Contact Hrs./Term
Practice Management	CBPM91153/CBPM91953	3	5	75
Regulatory Issues	CBPM91154/CBPM91954	1	2	30
Clinic III	CLIN91835/CLIN91935	9	22	330
TOTAL		13	29	435

TENTH TRIMESTER

Course	Course #	Credits	Contact Hrs. /Wk.	Contact Hrs./Term
Planning for Success	CBPM92155/CBPM92955	1	1	15
Clinic IV	CLIN92835/CLIN92935	11	28	420
TOTAL		12	29	435

	Credits	Contact Hrs/Wk	Contact Hrs./Term
TOTAL	173	310	4,650

All courses within the curriculum must be completed at the matriculated Palmer College of Chiropractic campus unless the student has been granted advanced standing credit for courses completed elsewhere. In addition to the course prerequisites, a student must have successfully completed all courses within an academic term before registering for any course(s) in an academic term more than two academic terms beyond.

COURSE DESCRIPTIONS

ANATOMY

ANAT51203/ANAT51903 Gross Anatomy I

Credit Hours: 4

Contact Hours: 4 lecture and 2 lab hours per week

Prerequisite: None

Prerequisite for: Spinal Anatomy, Neuroanatomy II

This course will focus on neural, muscular, vascular and skeletal systems within the upper and lower extremities of the human body. Lectures will consider the contribution and integration of each system to the function of that extremity.

ANAT51204/ANAT51904 Neuroanatomy I

Credit Hours: 3

Contact Hours: 4 lecture and 1 lab hour per week

Prerequisite: None

Prerequisite for: Spinal Anatomy, Neuroanatomy II

The course covers microscopic and macroscopic anatomy of the brain, spinal cord and meninges. Physiological organization is also discussed and general lesions are reviewed.

ANAT51214/ANAT51914 Embryology-Histology

Credit Hours: 3

Contact Hours: 4 lecture hours per week

Prerequisite: None

Prerequisite for: None

This course introduces normal, abnormal morphogenesis and the functional histology of the organ systems of the human body during development. Development of the neural, muscular and skeletal systems, including human genetics and embryonic mechanisms basic to teratogenesis will be examined along with functional histology.

ANAT52205/ANAT52905 Gross Anatomy II

Credit Hours: 4

Contact Hours: 4 lecture and 2 lab hours per week

Prerequisite: None

Prerequisite for: Neuroanatomy II, Life Science Review, Introduction to Electronic Health Records, Endocrinology, Physiology III, Radiographic Quality I

The anatomy of the body wall and contents of the major body cavities will be studied. Gross anatomical features of the cardiovascular, respiratory, digestive, urinary, reproductive, endocrine and lymphatic systems will be examined. Functional and clinical aspects of the anatomy will be addressed.

ANAT52214/ANAT52914 Spinal Anatomy

Credit Hours: 4

Contact Hours: 4 lecture and 2 lab hours per week

Prerequisites: Gross Anatomy I, Neuroanatomy I, Physiology I

Prerequisite for: Neuroanatomy II, Life Science Review, Introduction to Electronic Health Records, Movement Science, Radiographic Quality I
Neuromusculoskeletal associations of the vertebral column, head, neck and thoracic will be studied in depth. Arthrology of the vertebral column will be presented.

ANAT61208/ANAT61908 Neuroanatomy II

Credit Hours: 3

Contact Hours: 5 lecture hours per week

Prerequisites: Gross Anatomy I, Neuroanatomy I, Gross Anatomy II, Spinal Anatomy

Prerequisite for: Neuromusculoskeletal Diagnosis I

Co-requisite with: Life Science Review, Introduction to Electronic Health Records

This course presents the peripheral nervous system and its role in maintaining the health and integrity of the human body, and focuses on how the interference with normal functions of the nervous system may cause dysfunction or disease. The peripheral nervous system consists of the cranial nerves, spinal nerves and peripheral visceral nervous system. The structures involved with the special senses of vision, hearing, balance, taste, smell and touch are also studied.

ANAT62223/ANAT62923 Life Science Review

Credit Hours: 3

Contact Hours: 4 lecture hour per week

Prerequisites: All first through third trimester Life Science courses

Prerequisite for: None

Co-requisite with: Neuroanatomy II

The course will cover all major aspects of life sciences. Topics include general anatomy, spinal anatomy, pathology, physiology, chemistry and microbiology.

CHIROPRACTIC BUSINESS AND PRACTICE MANAGEMENT

CBPM51111/CBPM51911 Rights and Responsibilities

Credit Hours: 1

Contact Hours: 1 lecture hour per week

Prerequisite: None

Prerequisite for: None

Within the context of the chiropractic profession, this course addresses applied ethics in both personal and professional settings and offers an introduction to interpersonal communication. Methods used include student- and instructor-led discussion, lecture, guest speakers, surveys, small group activities and reading assignments. Written assignments must also be completed and submitted.

CBPM82151/CBPM82951 Financial Management

Credit Hours: 2

Contact Hours: 2 lecture hours per week

Prerequisite: All first through sixth trimester courses

Prerequisite for: Planning for Practice Success

This course introduces payment options and fee structures within a professional practice including cash practice, insurance-based practice and participation in managed care organizations. Procedures for insurance claims submissions and management will be included and collection strategies will be discussed. The basic principles of financial and records management will also be discussed.

CBPM82152/CBPM82952 Legal Issues

Credit Hours: 1

Contact Hours: 2 lecture hours per week

Prerequisite: All first through sixth trimester courses

Prerequisite for: Planning for Practice Success

This course focuses on the basics of jurisprudence, risk management strategies, ethics and practice liability issues related to chiropractic practice; principles of law associated with clinical practice and the chiropractic profession at large; relationships of its providers to each other, third-party payers, malpractice insurance carriers and society in general; basics of contract and tort law related to the issues of malpractice; coverage needs and options; duties of the chiropractor regarding the doctor-patient relationship and standard of care issues; and the basics of child/adult abuse reporting related to the issues of malpractice.

CBPM91153/CBPM91953 Practice Management

Credit Hours: 3

Contact Hours: 3 lecture hours per week

Prerequisite: Clinic I

Prerequisite for: Planning for Practice Success

Within the context of a business plan, this course prepares the student for the organization, management and contingency planning for chiropractic practice. Contract negotiations, business aspects of delivering care, supervision of employees and collection policies for chiropractic healthcare related services will be included. Effective communication skills will be addressed, featuring interactions with patients, employees, vendors and other professionals.

CBPM91154/CBPM91954 Regulatory Issues

Credit Hours: 1

Contact Hours: 2 lecture hours per week

Prerequisite: Clinic I

Prerequisite for: Planning for Practice Success

This course addresses regulatory issues related to the practice of chiropractic, including AIDS/HIV, OSHA, HIPAA, sexual harassment prevention, professional boundaries, child and dependent adult abuse reporting, and communicable disease reporting.

CBPM92155/CBPM92955 Planning for Success

Credit Hours: 1

Contact Hours: Distance Learning Course

Prerequisites: Financial Management, Legal Issues, Practice Management, Regulatory Issues

This distance learning course is devoted to final preparation for the student to enter chiropractic practice. The focus is on decision making, goal setting and professional interactions resulting in the successful implementation of post-graduate plans.

CLINIC

CLIN62222/CLIN62922 Introduction to Electronic Health Records

Credit Hours: 1

Contact Hours: 2 lecture hours per week

Prerequisite: All first through third trimester courses

Prerequisite for: Clinical Skills II

Co-requisite: Neuroanatomy II, Clinical Skills I,

Neuromusculoskeletal Diagnosis I,

Physical Diagnosis II

Electronic Health Records (EHRs) are application systems that automate activities of health-care providers and administrative staff. This course will focus on the use of EHRs and required patient documentation components.

CLIN72805/CLIN72905 Clinical Methods

Credit Hours: 1

Contact Hours: 1 lecture and 1 clinic hour per week
Prerequisite: All first through fifth trimester courses.
Must be able to enter Clinic I the following term.

Prerequisite for: Clinic I

This course provides an orientation of policies and procedures necessary for competition of patient care experiences in the Palmer Chiropractic Clinics. At the conclusion of this course students will participate in the Clinic Induction Ceremony.

CLIN81809/CLIN81909 Emergency Procedures

Credit Hours: 2

Contact Hours: 3 lecture hours per week
Prerequisites: All first through sixth trimester courses
Prerequisite for: Clinic II, OSCE Clinical, OSCE Radiology

Co-requisite with: Clinic I

Note: Must be able to enter Clinic II the following term.

The course covers basic procedures used in an emergency situation. Upon successful completion of this course, the student will be certified in cardiopulmonary resuscitation (CPR).

CLIN81811/CLIN81911 Clinic I

Credit Hours: 2

Contact Hours: 2 small group/lab and 3 clinic hours per week
Prerequisites: All first through sixth trimester courses
Prerequisite for: Clinic II, OSCE Clinical, OSCE Radiology, Practice Management, Regulatory Issues
Co-requisite with: Emergency Procedure

Student interns continue in their development of clinical competency through patient care in the Palmer Chiropractic Clinics. Patient care takes place under the supervision and direction of the faculty clinicians who assess the intern's clinical competency.

CLIN82833/CLIN82933 Clinic II

Credit Hours: 9

Contact Hours: 21 clinic hours per week
Prerequisites: All first through seventh trimester courses

Prerequisite for: Clinic III

Student interns continue in their development of clinical competency through patient care in Palmer Chiropractic Clinics. Patient care and clinical mentorship occur under the direct supervision of faculty clinicians who regularly assess the intern's clinical competency.

CLIN82850/CLIN82950 OSCE Clinical

8th trimester clinical competency exam

Prerequisites: All first through seventh trimester courses

Prerequisite for: Clinic IV

Co-requisite with: OSCE Radiology

CLIN82851/CLIN82951 OSCE Radiology

8th trimester radiology competency exam

Prerequisites: All first through seventh trimester courses

Prerequisite for: Clinic IV

Co-requisite with: OSCE Clinical

CLIN91835/CLIN91935 Clinic III

Credit Hours: 9

Contact Hours: 22 clinic hours per week

Prerequisite: Clinic II

Prerequisite for: Clinic IV

Student interns continue in their development of clinical competency through patient care in the Palmer Chiropractic Clinics or through optional off-campus programs for qualified interns. Patient care and clinical mentorship occur under the direct supervision of faculty clinicians, or approved off campus clinicians who regularly assess the intern's clinical competency.

CLIN92835/CLIN92935 Clinic IV

Credit Hours: 11

Contact Hours: 28 clinic hours per week

Prerequisite: OSCE Clinical, OSCE Radiology, Clinic III

Student interns continue their development of clinical competency through patient care in the Palmer Chiropractic Clinics or through optional off-campus programs for qualified interns. Patient care and clinical mentorship occur under the direct supervision of faculty clinicians, or approved off campus clinicians who regularly assess the intern's clinical competency.

DIAGNOSIS

DIAG62223/DIAG92923 Physical Diagnosis I

Credit Hours: 3

Contact Hours: 5 lecture/lab hours per week

Prerequisites: General Pathology, Immunology, Systems Pathology I, Endocrinology

Prerequisite for: Physical Diagnosis II, Genitourinary, Geriatrics

Co-requisite: Clinical Skills I

In this course, students learn to perform a comprehensive case history and physical examination of the vital signs and head and neck. Students are expected to correlate the historical and physical data in order to arrive at a differential diagnosis and prudent management plan. When relevant to the diagnosis, additional studies and specialty consultations are addressed.

DIAG62224/DIAG62924 Clinical Skills I

Credit Hours: 1

Contact Hours: 1 lab hour per week

Prerequisite: Palpation, Subluxation Analysis

Prerequisite for: Clinical Skills II

Co-requisite with: Introduction to Electronic Health Records, Physical Diagnosis I, Toggle

This lab provides the development, reinforcement and application of clinical skills learned in core courses. Patient assessment skills are reviewed, practiced and integrated into a simulated electronic health records system.

DIAG71709/DIAG71909 Neuromusculoskeletal Diagnosis I

Credit Hours: 3

Contact Hours: 5 lecture/lab hours per week

Prerequisite: Neuroanatomy II

Prerequisite for: Neuromusculoskeletal Diagnosis II, Clinical Methods

Co-requisite with: Toxicology, Cervical Technique, Clinical Skills II

The course covers physical diagnostic procedures specific to the neuromusculoskeletal system. It focuses on the head, neck and upper extremities from a clinical perspective. It accentuates the development of professional demeanor, clinical judgment, patient management and follow-up.

DIAG71711/DIAG71911 Physical Diagnosis II

Credit Hours: 5

Contact Hours: 5 lecture/lab hours per week

Prerequisite: Physical Diagnosis I

Prerequisite for: Obstetrics/Pediatrics, Visceral Disorders, Differential Diagnosis, Clinical Methods
Co-requisite with: Systems Pathology II, Introduction to Electronic Health Records

In this course students learn to perform a physical examination of the lungs, heart and abdomen. Students are also expected to correlate the historical and physical data in order to arrive at a differential diagnosis and prudent management plan. When relevant to the diagnosis or management, additional studies and specialty consultations are addressed.

DIAG71712/DIAG71912 Genitourinary

Credit Hours: 2

Contact Hours: 2 lecture & 2 lab hours per week

Prerequisites: Physical Diagnosis I, Systems Pathology I, Endocrinology

Co-requisite with: Systems Pathology II

This course covers topics in genitourinary health across the lifespan. Concepts related to reproduction and pregnancy will also be introduced. Emphasis will include evaluation of the genitourinary systems including Proctological and Gynecological examinations performed on anatomical models. Evidence-informed health promotion and disease guidelines and resources for patients and chiropractors will be introduced.

DIAG71713/DIAG71913 Geriatrics

Credit Hours: 1

Contact Hours: 2 lecture hours per week

Prerequisites: Physical Diagnosis I, Systems Pathology I

This interactive course emphasizes health and wellness in the aging individual, and normal and abnormal age-related changes. Strategies to enhance the aging experience will be examined, including specific chiropractic management considerations and evidence-based health promotion and resources for aging persons. Age-related disease prevention, interdisciplinary communication, and cultural competency in elder care will be included.

DIAG71714/DIAG71914 Clinical Skills II

Credit Hours: 1

Contact Hours: 2 lab hours per week

Prerequisite: Introduction to Electronic Health Records, Clinical Skills I

Prerequisite for: Clinical Skills III, Clinical Methods
Co-requisite with: Neuromusculoskeletal Diagnosis I, Physical Diagnosis II, Diagnostic Imaging I, Cervical Technique

This course provides the development, reinforcement and application of clinical skills learned in core courses. Patient assessment skills are reviewed, practiced and integrated into a simulated electronic health records system.

DIAG72704/DIAG72904 Neuromusculoskeletal Diagnosis II

Credit Hours: 3

Contact Hours: 5 lecture/lab hours per week

Prerequisite: Neuromusculoskeletal Diagnosis I

Prerequisites for: Emergency Procedures, Clinic I, Differential Diagnosis

Co-requisite with: Thoracolumbar Technique

The course covers physical diagnostic procedures specific to the neuromusculoskeletal system. It focuses on the trunk and lower extremities from a clinical perspective. It also accentuates the development of professional demeanor, clinical judgment, patient management and follow-up.

DIAG72714/DIAG72914 Obstetrics and Pediatrics

Credit Hours: 3

Contact Hours: 4 lecture and 1 lab hour per week

Prerequisites: Systems Pathology II, Physical Diagnosis II

Prerequisite for: None

This course is divided into two sections. The first section covers normal physiologic changes of the pregnant patient as well as clinical manifestations of aberrant physiology and disorders. Issues related to conception, pregnancy and birth are also discussed. The second portion of the course covers normal physiology of the pediatric patient as well as clinical manifestations of aberrant physiology and disorders. Appropriate adaptations to history-taking and physical-exam procedures learned in previous courses are reviewed. Clinical judgment, patient management, chiropractic care and follow-up of these patients are addressed.

DIAG72715/DIAG72915 Clinical Psychology

Credit Hours: 1

Contact Hours: 2 lecture hours per week

Prerequisite: None

Prerequisite for: Clinic III

This course reviews the history of chiropractic and the treatment of mental illness. Consideration is given to the definition of mental illness, assessment and treatment or referral protocol. Management of stress, communication and the doctor/patient relationship are also covered in order to facilitate better treatment outcomes.

DIAG72716/DIAG72916 Clinical Skills III

Credit Hours: 1

Contact Hours: 2 lab hours per week

Prerequisite: Clinical Skills II

Prerequisite for: Clinic I

Co-requisite with: Neuromusculoskeletal Diagnosis II, Active Care, Diagnostic Imaging II, Thoracolumbar Technique, Pelvic Technique

This course provides the development, reinforcement and application of clinical skills learned in core courses. patient assessment skills are reviewed, practiced and integrated into a simulated electronic health records system.

DIAG81719/DIAG81919 Visceral Disorders and Laboratory Interpretation

Credit Hours: 3

Contact Hours: 5 lecture hours per week

Prerequisite: Physical Diagnosis II

Prerequisite for: Clinic II, OSCE Clinical, OSCE Radiology

Chiropractors, as primary care/portal of entry providers, should be well versed in not only the evaluation of visceral disorders/dysfunction by clinical laboratory testing, but also in the appropriate management of patients with visceral dysfunction when indicated or by consulting with or referring to another health-care provider as needed. This course is a case-based approach to visceral disorders and clinical laboratory interpretation. Doctors of chiropractic should also be aware of the standard of care issues as they relate to clinical laboratory testing and visceral disorders/dysfunction. Numerous case studies with clinical relevancy will be presented throughout the course.

DIAG81721/DIAG81921 Differential Diagnosis

Credit Hours: 2

Contact Hours: 3 lecture hours per week

Prerequisites: Physical Diagnosis II, Neuromusculoskeletal Diagnosis II, Radiographic Quality II, Diagnostic Imaging II

Prerequisite for: OSCE Clinical, OSCE Radiology

The course covers the integration of the patient history, physical exam, diagnostic imaging, laboratory and other diagnostic procedures to develop differential diagnoses and a patient management plan. Emphasis will be on the principles of evidence-informed clinical practice.

PATHOLOGY

PATH52301/PATH52901 General Pathology

Credit Hours: 3

Contact Hours: 4 lecture hours per week

Prerequisites: Biochemistry I, Physiology I

Prerequisite for: Life Science Review, Introduction to Electronic Health Records, Physical Diagnosis I, Systems Pathology I, Systems Pathology II

This course is an introduction to the basic changes that occur in the disease process. Topics covered include cellular injury and death, inflammation and repair, hemodynamic, neoplasm, genetic and pediatric disorders.

PATH61421/PATH61921 Immunology

Credit Hours: 2

Contact Hours: 3 lecture hours per week

Prerequisite: None

Prerequisite for: Life Science Review, Introduction to Electronic Health Records, Physical Diagnosis I

Co-requisite with: Microbiology

This course introduces the basis for immunity, phagocytosis, complement, humoral mechanisms and specific acquired immunity. Also, antigen presentation, lymphocyte trafficking, and restraining the immune system will be covered. Additional topics include immunological memory, vaccination, immunodeficiency, the hygiene hypothesis and cancer and the immune system. The links between the nervous system and the immune system will be discussed.

PATH61423/PATH61923 Microbiology

Credit Hours: 3

Contact Hours: 5 lecture hours per week

Prerequisite: None

Prerequisite for: Life Science Review, Introduction to Electronic Health Records

Co-requisite with: Biochemistry II, Public Health, Immunology

This course addresses the basic structure, function and growth requirements of microorganisms, as well as methods for controlling their growth and transmission. This will be followed by a study of the major pathogenic bacteria, fungi and parasites, as well as pathogenic helminths. Emphasis will be placed on the relationship between virulence of the microorganism and the resistance of the host. Relevance to chiropractic clinical practice will also be emphasized.

PATH61424/PATH61924 Systems Pathology I

Credit Hours: 3

Contact Hours: 5 lecture hours per week

Prerequisite: General Pathology

Prerequisite for: Life Science Review, Introduction to Electronic Health Records, Physical Diagnosis I, Genitourinary, Geriatrics

This course is an introduction to the systemic changes that occur in the disease process. Topics covered include disorders of the musculoskeletal system, peripheral nervous system, central nervous system, blood vessels, heart and respiratory system.

PATH62426/PATH62926 Systems Pathology II

Credit Hours: 2

Contact Hours: 3 lecture hours per week

Prerequisite: General Pathology

Prerequisite for: Obstetrics/Pediatrics

Co-requisite with: Genitourinary, Physical Diagnosis ii

This course is an introduction to the systemic changes that occur in the disease process. Topics covered include disorders of the alimentary tract, integumentary system, genitourinary tract, breast, hematopoietic system and lymphatic system.

PATH72415/PATH72915 Toxicology

Credit Hours: 2

Contact Hours: 3 lecture hours per week

Prerequisite: none

Co-requisite with: Neuromusculoskeletal Diagnosis II

This course deals with the basic principles of pharmacology and toxicology, including drug dose and dose response, toxic effects and interactions. In addition, drug-drug and drug-food interactions and drug-induced nutrient depletions will be discussed in detail. Common drug classes will be discussed along with their function, side effects and nutrient interactions.

PHILOSOPHY

PHIL51122/PHIL51922 Chiropractic Philosophy and History

Credit Hours: 1

Contact Hours: 2 lecture hours per week

Prerequisite: None

Prerequisite for: Chiropractic Theory

This class serves as an introduction to the philosophical underpinnings and current principles and practices of the chiropractic profession. The development of the chiropractic profession is studied through its unique history and philosophy from discovery to the present, emphasizing the contributions of key individuals and events. Evolution of different clinical approaches (chiropractic techniques) is introduced.

PHIL52123/PHIL52923 Chiropractic Theory

Credit Hours: 1

Contact Hours: 2 lecture hours per week

Prerequisite: Chiropractic Philosophy and History

This course provides a philosophic exploration of the evolution of hypotheses describing the subluxation complex and its application to matters of health and illness. The history and current evidence relating to the subluxation complex will be presented, including causes and prevention.

PHIL62124/PHIL92924 Public Health

Credit Hours: 1

Contact Hours: 2 lecture hours per week

Prerequisite: None

Co-requisite with: Microbiology

This course addresses the health issues facing today's communities, from the foundations of community health, to the health of the nation, healthcare delivery and environmental health and safety.

PHIL82127/PHIL82927 Patient-Centered Communication

Credit Hours: 1

Contact Hours: 2 lecture hours per week

Prerequisite: All first through seventh trimester courses

This course is designed to develop the knowledge and skills of effective patient-centered communication in chiropractic practice, focusing on how messages from media sources and different interpersonal, interprofessional, cultural, philosophical perspectives affect health beliefs and behaviors. Students will learn to engage their patients and other professionals as partners in healthcare and communicate the role of chiropractic in ways that motivate patients to engage in healthier behaviors.

PHYSIOLOGY/BIOCHEMISTRY

PHCH51331/PHCH51931 Biochemistry I

Credit Hours: 3

Contact Hours: 5 lecture hours per week

Prerequisite: None

Prerequisite for: General Pathology, Biochemistry II

This course is to serve as the foundation for several life science courses. Lecture topics include the structures, function, digestion and absorption of biologically important molecules, including carbohydrates, lipids, proteins, vitamins and minerals. Enzyme kinetics, regulation of enzyme activity and maintenance of pH in the body will also be discussed. Normal and abnormal physiology related to these biologically important molecules will be considered.

PHCH51335/PHCH51935 Physiology I

Credit Hours: 1

Contact Hours: 2 lecture hours per week

Prerequisite: none

Prerequisite for: Spinal Anatomy, General Pathology, Physiology II, Physiology III

This course will examine the structure and function of the integumentary, skeletal and muscular systems, including fascia and major types of spinal cord reflexes. Integrated throughout the course, cellular structure and function will be discussed as it relates to these systems.

PHCH52306/PHCH52906 Biochemistry II

Credit Hours: 3

Contact Hours: 5 lecture hours per week

Prerequisite: Biochemistry I

Prerequisite for: Life Science Review, Introduction to Electronic Health Records, Foundations of Nutrition

Co-requisite with: Microbiology

The course covers human metabolism, including carbohydrates, lipids and nitrogenous compounds. Vitamins and coenzymes are discussed. Energy use and metabolic control are considered for each pathway.

PHCH52344/PHCH52944 Physiology II

Credit Hours: 3

Contact Hours: 4 lecture hours per week

Prerequisites: Physiology I

Prerequisite for: Life Science Review, Introduction to Electronic Health Records, Endocrinology

Co-requisite with: Movement Science

This course covers the physiology of the nervous system. Topics include somatic sensation, special senses, motor control, and physiology of the autonomic nervous system. Higher cortical function will be studied. In addition, interactions between the nervous, endocrine and immune systems will be reviewed.

PHCH61345/PHCH61945 Endocrinology

Credit Hours: 2

Contact Hours: 3 lecture hours per week

Prerequisites: Gross Anatomy II, Physiology II

Prerequisite for: Life Science Review, Introduction to Electronic Health Records, Physical Diagnosis I, Genitourinary

This course will consist of a lecture sequence in which the normal and some abnormal physiology of each gland or structure displaying endocrine function will be discussed. The site of synthesis, function, mechanism of action, and the regulation of hormones will be the center of discussion.

PHCH61346/PHCH61946 Physiology III

Credit Hours: 3

Contact Hours: 5 lecture hours per week

Prerequisites: Gross Anatomy II, Physiology II

Prerequisite for: Life Science Review, Introduction to Electronic Health Records

This course covers the physiology of the cardiovascular, lymphatic, pulmonary and renal systems. Cardiovascular topics include mechanics, electrical activity of the heart, hemodynamics, control of blood flow and blood pressure. Pulmonary topics include mechanics of ventilation, pulmonary

circulation, respiratory diffusion of gases, blood transport of respiratory gases, chemical and neural control of ventilation. Renal topics studied include body fluid physiology, glomerular function of the kidney, neural control of the bladder, and renal transport mechanisms. Additional areas of coverage include regulation of osmolality, extracellular fluid regulation, regulation of potassium and acid-base balance by the kidney.

PHCH62307/PHCH62907 Foundations of Nutrition

Credit Hours: 2

Contact Hours: 3 lecture hours per week

Prerequisite: Biochemistry II

Prerequisite for: Clinical Nutrition

This course is designed to study the role of dietary nutrients in the maintenance of health and disease prevention. Nutritional characteristics of macronutrients and micronutrients will be discussed in detail, along with interpretation of food labels. In addition, the class discussion will focus on eating disorders, dietary trends and obesity.

PHCH81347/PHCH81947 Clinical Nutrition

Credit Hours: 2

Contact Hours: 3 lecture hours per week

Prerequisite: Foundations of Nutrition

Prerequisite for: Clinic II

This course focuses on nutritional strategies for managing disorders of the musculoskeletal and organ systems. The role of specific nutrients in the etiology, prevention and management of common disorders seen in chiropractic practices, as well as weight control will be discussed. Nutritional assessment strategies and subsequent patient plans will be determined.

RADIOLOGY

ROEN62513/ROEN62913 Radiographic Quality I

Credit Hours: 2

Contact Hours: 3 lecture hours per week

Prerequisites: Gross Anatomy II, Spinal Anatomy

Prerequisite for: Radiographic Quality II

This course will prepare the student to create diagnostic images of the axial spine including introduction to radiologic technology and physics. Lecture material will include radiographic quality measures including patient positioning, safety practices, and principles of X-ray exposure. The application of relevant legal and ethical standards will be discussed.

ROEN71513/ROEN71913 Diagnostic Imaging I

Credit Hours: 3

Contact Hours: 5 lecture hours per week

Prerequisites: Gross Anatomy I, Spinal Anatomy

Prerequisite for: Clinical Methods, Differential Diagnosis, Diagnostic Imaging II, Imaging: Chest & Abdomen

This course covers methods of diagnostic imaging, normal anatomy and normal variants of the skeletal system, roentgenometrics, congenital anomalies, endocrine, metabolic, nutritional and arthritic conditions of bone. It is an overview of plain film radiography along with some discussion and visualization of specialized imaging procedures including nuclear bone scintigraphy, computed tomography (CT), and magnetic resonance imaging (MRI) as related to the case work-up. Patient management and various medical and legal aspects are also discussed.

ROEN71514/ROEN71914 Radiographic Quality II

Credit Hours: 2

Contact Hours: 3 lecture hours per week

Prerequisites: Radiographic Quality I

Prerequisite for: Clinical Methods, Differential Diagnosis, Imaging: Chest & Abdomen

This course is a continuation in the study of radiologic technology, physics, and positioning with emphasis on extremity, chest and abdomen setups. Additionally, strategies for image improvement and procedural adaptations for special patient populations are explored. The application of relevant legal and ethical standards continues.

ROEN72514/ROEN72914 Diagnostic Imaging II

Credit Hours: 3

Contact Hours: 5 lecture hours per week

Prerequisite: Diagnostic Imaging I

Prerequisite for: Differential Diagnosis

This course covers radiographic evaluation of the skeletal system including, but not limited to, neoplasia, trauma to the spine and trauma to the extremities, as well as osteomyelitis, septic arthritis and hematological diseases of bone. It is an overview of plain film radiography along with some discussion and visualization of specialized imaging procedures, including nuclear bone scintigraphy, computed tomography (CT) and magnetic resonance imaging (MRI) as related to case work-up. Patient management and various medical and legal aspects are also discussed.

ROEN81516/ROEN81916 Imaging: Chest and Abdomen

Credit Hours: 1

Contact Hours: 2 lecture hours per week

Prerequisite: Diagnostic Imaging I, Radiographic Quality II

Prerequisite for: OSCE Clinical, OSCE Radiology

This course covers methods of imaging, normal anatomy and normal variants of the chest, abdomen, head and neck.

REHABILITATION

REHB62347/REHB62947 Movement Science

Credit Hours: 2

Contact Hours: 3 lecture hours/1 lab hour per week

Prerequisite: Spinal Anatomy

Prerequisite for: none

Co-requisite with: Neuroanatomy II, Physiology II

This course will explore the developmental patterns of human movement, including functional movement assessments to determine the causes and consequences of dysfunction. Students will analyze human movement from neurological, biomechanical, and physiological perspectives.

REHB71855/REHB71955 Physiotherapy I: Passive Care

Credit Hours: 2

Contact Hours: 3 lecture and 1 lab hour per week

Prerequisite: None

Prerequisite for: Clinical I

This course provides the student with evidence-based fundamental knowledge and skill, which will enable the student to make basic decisions about prescribing and using therapeutic modalities to restore and/or enhance function, improve physical skills, prevent re-injury, facilitate the chiropractic adjustment, stimulate healing and control pain, edema and muscle spasm. Emphasis is placed on critical thinking and decision-making skills incorporating evidence-based modality selection considering patient diagnosis, stage of healing and contraindication in generating the most appropriate management plan through all phases of care. An overview of various manual therapies also will be included.

REHB72856/REHB72956 Physiotherapy II: Active Care

Credit Hours: 2

Contact Hours: 3 lecture and 1 lab hour per week

Prerequisite: None

Prerequisite for: Clinic I

This course will provide the chiropractic student with fundamental knowledge and skill, which will enable the student to make basic decisions about prescribing and using therapeutic exercise and rehabilitation to restore or enhance function, improve physical skills, prevent re-injury, correct and prevent subluxation, and promote wellness and active lifestyles. It will address the relationship between subluxation and exercise. Using fundamentals developed in earlier trimesters, the focus will be on prescription, development and progression of rehabilitation and exercise programs that will address the conditions most commonly seen in the general practice of chiropractic. An overview of outcome measures will also be included.

RESEARCH

RSCH53112/RSCH53912 Foundations of Evidence Based Clinical Practice

Credit Hours: 1

Contact Hours: 2 lecture hours per week

Prerequisite: None

This course will provide the student with a foundation in evidence-based clinical practice. Emphasis will be placed on asking clinical questions, acquiring knowledge, and appraising the literature. Information will be provided on the services and resources available through Palmer's library. Students will also discuss the hierarchy of evidence and study design.

TECHNIQUE

TECH52603/TECH52903 Palpation

Credit Hours: 1

Contact Hours: 2 lecture/lab hours per week

Prerequisite: None

Prerequisite for: Clinical Skills I, Subluxation Analysis, Toggle Recoil

Basic clinical palpation will be introduced with emphasis on the structural and functional examination of the spine and related structures. Soft tissue palpation and posture analysis are also presented.

TECH61609/TECH61909 Subluxation Analysis

Credit Hours: 2

Contact Hours: 1 lecture hour and 3 lab hours per week

Prerequisite: Palpation

Prerequisite for: All remaining technique courses, Clinical Skills I

Co-requisite with: Spinal Anatomy

This course lays the foundation of the spinal subluxation evaluation as presented in the technique and clinic curriculum with emphasis on thermographic instrumentation. The components and related assessment procedures of the vertebral subluxation complex will be presented in a stepwise process with an emphasis on integration of clinical findings. These clinical findings will also be related to clinical guidelines relative to the PART system.

TECH62609/TECH62909 Toggle Recoil

Credit Hours: 2

Contact Hours: 4 lecture/lab hours per week

Prerequisites: Palpation, Subluxation Analysis

Prerequisite for: All remaining technique courses

Co-requisite: Clinical Skills I, Physical Diagnosis I

The biomechanics of the upper cervical spine are presented, as well as a reinforcement of static and motion palpation skills. Palmer Upper Cervical specific X-ray analysis and adjusting procedures are presented. The use of chiropractic instrumentation and leg checks are presented as they pertain to upper cervical practice.

TECH71605/TECH71905 Cervical Technique

Credit Hours: 3

Contact Hours: 5 lecture/lab hours per week

Prerequisite: Toggle Recoil

Prerequisite for: Thoracolumbar Technique, Technique Principles and Practice, Extremity Adjusting, Assisted Adjusting Technique

Co-requisite with: Neuromusculoskeletal Diagnosis I, Pelvic Technique

The analytical and adjusting procedures for evaluating the cervical and upper thoracic spine for vertebral subluxations are presented. These procedures include chiropractic X-ray analysis, instrumentation, static and motion palpation, range of motion, orthopedic and neurological examination. Evaluation of the patient's spine is discussed so that the chiropractor in training may evaluate when, where and how to adjust appropriately. The adjusting procedures presented in class cover Gonstead and Diversified cervical and upper thoracic techniques. Prior technique material is reviewed in perspective of the evaluation of the cervical and upper thoracic spine.

TECH72607/TECH72907 Thoracolumbar Technique

Credit Hours: 3

Contact Hours: 5 lecture/lab hours per week

Prerequisite: Cervical Technique

Prerequisite for: Clinic I, Emergency Procedures, Technique Principles and Practice

Co-requisite with: Neuromusculoskeletal Diagnosis II

This course presents the biomechanics of the thoracolumbar spine. It also reinforces the evaluation processes and clinical reasoning involved in this area. The skills taught or reinforced include the clinical interview, neurological evaluation, orthopedic testing, range of motion evaluation, visual evaluation, static and motion palpation, and radiographic analysis. Evaluation of the patient's thoracic and lumbar spine is discussed so that the doctor-in-training may evaluate when, where and how to adjust this area appropriately. The doctor of chiropractic in training also will learn post-evaluation methods to monitor patient care. Prior technique material is reviewed with the chiropractic spinal analysis and adjusting procedures appropriately emphasized.

TECH72615/TECH72915 Pelvic Technique

Credit Hours: 2

Contact Hours: 4 lecture/lab hours per week

Prerequisite: Toggle Recoil

Prerequisite for: Clinic I, Emergency Procedures, Technique Principles and Practice

Palpation skills for the sacroiliac articulations are reinforced, as well as introducing a comprehensive study of pelvic mechanics. Adjusting procedures and X-ray analysis for the pelvic region are presented. Chiropractic instrumentation is reviewed. Evaluation of the typical patient's pelvic spine is discussed so that the doctor of chiropractic in training may evaluate when, where and how to adjust this area appropriately. Pediatric, geriatric and special consideration patients (i.e., antalgic adjusting protocols) are discussed relevant to the need for varied depth, speed and the contact points utilized.

TECH81616/TECH81916 Technique Principles and Practice

Credit Hours: 3

Contact Hours: 5 lecture/lab hours per week

Prerequisites: Thoracolumbar Technique, Pelvic Technique

Prerequisite for: Clinic II, OSCE Clinical, OSCE Radiology

This course is an enhancement of the spinal evaluation and adjusting procedures presented in the technique curriculum. The fine points of spinal evaluation and adjusting procedures are covered, with an emphasis on clinical application.

TECH81618/TECH81918 Extremity Adjusting

Credit Hours: 2

Contact Hours: 4 lecture/lab hours per week

Prerequisites: Cervical Technique, Pelvic Technique, Thoracolumbar Technique

Prerequisite for: Clinic II, OSCE Clinical, OSCE Radiology

This course emphasizes analytical aspects of extremity care. Consultation, examination and X-ray techniques are covered to determine when and when not to adjust the extremities. Analysis and adjusting of the entire appendicular skeleton are taught.

TECH81619/TECH81919 Assisted Adjusting Techniques

Credit Hours: 2

Contact Hours: 3 lecture/lab hours per week

Prerequisites: Cervical Technique, Pelvic Technique, Thoracolumbar Technique

Prerequisite for: Clinic II, OSCE Clinical, OSCE Radiology

This course will provide the student with background in the use of table assisted and instrument assisted chiropractic techniques. Common assisted techniques utilized in chiropractic practice and introduced in this course include, Thompson, Flexion/Distract and Activator Methods. Students will review patient evaluation procedures for indications and contraindications for utilization of assisted adjusting techniques.

CLINICAL ENRICHMENT ELECTIVE PROGRAMS

Certification may be earned in some electives by completing an elective course offered on the Palmer campus and by passing a comprehensive examination. Certification is required for utilization of the procedure in the clinic. Elective courses are offered on a rotating basis with each elective offered at a minimum of one academic term per year. Fees are charged for elective courses in addition to the regular tuition.

SPED81361 Logan Basic Technique

Contact Hours: 32 per session

Students must be in the sixth trimester or higher to take this course. This course is designed to teach the Logan Basic Technique. It includes anatomy, body mechanics, body distortions, adjusting technique, X-ray and heel lifts.

SPED81363 Advanced Soft Tissue

Contact Hours: 32 per session

Students must be in the sixth trimester or higher to take this course. This course will develop a greater understanding of chiropractic rehabilitation concepts. The course will include review of functional anatomy, joint mechanics, gait analysis and movement patterns.

SPED81365 Thompson Technique

Contact Hours: 42 per session

Students must be in the seventh trimester or higher to take this course. The Thompson Technique is a low force, specific adjustment technique, which includes the Derefield-Thompson Leg Analysis System.

SPED81367 NUCCA

Contact Hours: 42 per session

Students must be in the fifth trimester or higher to take this course. It covers X-ray techniques, upper cervical biomechanics and adjusting techniques for the four basic types of atlas subluxation complex.

SPED81368 Sacro Occipital Technique I

Contact Hours: 45 per session

Students must be in the fifth trimester or higher to take this course. It deals with the philosophy and fundamentals of SOT technique.

SPED81369 Sacro Occipital Technique II

Contact Hours: 42 per session

Students must be in the fifth trimester or higher to take this course and have completed Sacro Occipital Technique I.

SPED81372 Atlas Orthogonal

Contact Hours: 32 per session

Students must be in the fifth trimester or higher to take this course. It covers methods of locating cervical spinal subluxations using the Atlas Orthogonal technique.

SPED81374 Blair Technique

Contact Hours: 42 per session

Students must be in the fifth trimester or higher to take this course. The Blair Technique is a specific system of analyzing and adjusting the upper cervical vertebrae (atlas/axis primarily). It relies on the natural asymmetry of the body to formalize an adjustment designed specifically for that patient. Special X-rays are taken (protractor and stereo) for determining the listings. Use of instrumentation, leg checks and palpation are also covered.

SPED81375 McKenzie MDT - Part A

Contact Hours: 42 per session

Students must be in the fifth trimester or higher to take this course.

Students will learn how to functionally assess Cervical and Thoracic Spine complaints and categorize them into mechanical sub-groups enabling the student to accurately and efficiently triage patients. Students will learn the importance of centralization of symptoms and directional preference with the application of repeated functional spine movements and/or static positioning. Patient management, including progression of forces up to and including spinal adjusting, will be emphasized. Patient treatment aspects of care are stressed. Students will learn how this process promotes patient empowerment, increases satisfaction with treatment, and is cost effective.

SPED81376 McKenzie MDT - Part B

Contact Hours: 42 per session

Students must be in the fifth trimester or higher to take this course. This course is a continuation of McKenzie MDT – Part A.

SPED81380 McKenzie MDT - Part C

Contact Hours: 42 per session

Prerequisites: SPED81375, SPED81376

The Part C course will review and advance the theory and practical application of MDT in relation to the lumbar spine and introduce the concept of MDT in the management of lower extremity musculoskeletal disorders.

SPED81381 McKenzie MDT - Part D

Contact Hours: 42 per session

Prerequisites: SPED81380

The Part D course will review and advance the theory and practical application of MDT in relation to the cervical and thoracic spine and introduce the concept of MDT in the management of upper extremity musculoskeletal disorders.

SPED81382 Selective Functional Movement Assessment (SFMA)

Contact Hours: 20 per session

Prerequisite: REHB62347

This course teaches the Selective Functional Movement Assessment (SFMA). The SFMA is used as a comprehensive assessment to classify movement patterns and direct the appropriate use of manual therapy and other treatment interventions. The SFMA is based on the concept of regional interdependence, instructing students to assess and manage dysfunction away from the patient's primary location of pain.