

**Nizhoni Institute of Midwifery
General Student Handbook
and
Course Catalog**



October 1, 2020 to September 30, 2023

Setting the Standard for Midwifery Education

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Nizhoni Institute of Midwifery Student Handbook and Course Catalog for 2020-2023

SCHOOL INFORMATION

Welcome!

Welcome to Nizhoni Institute of Midwifery! We are excited to facilitate your entry into a profession committed to providing the highest quality of care to mothers and newborns through the Midwives' Model of Care.

Student Handbook and Course Catalog

Our Student Handbook and Course Catalog is updated annually and supplemented as needed to provide the most current information to prospective and current students. This version provides information about the Diploma in Holistic Midwifery Studies program for those students who enroll in 2020 with a planned completion date of 2023.

Classrooms and Administrative Office

Nizhoni Institute of Midwifery is located in San Diego, California at 3944 Murphy Canyon Road, Suite C-200. All classes and classroom-based clinical practicums are held at this address. Offsite clinical placement locations vary and are located and chosen by the student. Our administrative offices are also located at 3944 Murphy Canyon Road, Suite C-200, San Diego, CA 92123. Our phone number is 858-694-8194 and the number for the secure fax is 858-694-0196. Our Internet website address is www.nizhoniinstitute.edu

Facilities and Equipment

Recent renovations and remodeling provide Nizhoni students with two large dynamic and versatile classrooms with whiteboards, audiovisual projection areas, moveable furniture, and plenty of space for individual learning, demonstrations, and group activities. Our clinical teaching room is a simulated midwifery office, complete with exam table and the supplies and equipment currently used in midwifery practice, in order that students can gain experience with required skills and move confidently into clinical preceptorships. All items are purchased from the same suppliers and are of the same quality used by practicing midwives. In addition to standard physical, well person, and prenatal/postpartum exam supplies, we maintain a wide array of anatomical models, suture kits, IV and phlebotomy supplies, resuscitation equipment, and CLIA-waived in-office lab tests. Our Learning Resource Center contains current editions of all required textbooks, additional books and texts, journals, and audiovisual media. High speed internet, desktop and laptop computers, and a printer are available for students to use during school hours and by appointment.

Located within a small business park, the beautiful Southern California climate allows our students to congregate in outdoor seating areas during breaks, while our upgraded HVAC unit maintains a comfortable climate indoors. Nizhoni maintains all current and valid required safety permits.

Approvals, Accreditations, and Memberships

Nizhoni Institute of Midwifery is a private, nonprofit institution. It has approval from the Bureau for Private Postsecondary Education to operate as a private postsecondary school in the State of California. This approval is based on provisions of the California Private Postsecondary Education Act of 2009, which became effective on January 1, 2010. “Approval to operate” means that the school is deemed to be in compliance with required state education standards set forth in the California Private Postsecondary Education Act of 2009. For more information, please call the Bureau for Private Postsecondary Education at (888) 370-7589 or visit their website at <http://www.bppe.ca.gov>.

The Medical Board of California, the state regulatory agency for the practice of licensed direct-entry midwifery, has approved the curriculum of Nizhoni Institute of Midwifery.

Nizhoni Institute of Midwifery is fully accredited by the Midwifery Education Accreditation Council, a United States Department of Education recognized national accrediting agency. For further information, contact MEAC at 360-466-2080, 1935 Pauline Blvd., Suite 100B, Ann Arbor, Michigan 48103 or visit <http://www.meacschools.org/>.

Nizhoni Institute of Midwifery is an institutional member of the Association of Midwifery Educators, a non-profit organization committed to strengthening midwifery education. For more information about the Association of Midwifery Educators, please visit their website at <http://www.associationofmidwiferyeducators.org/>.

An Essential Guide to Educational Accreditation

Interest in midwifery education in the United States is steadily increasing as women gain experience with the midwifery model of care. Nizhoni Institute promotes the highest standards in midwifery education and awards a diploma leading to midwifery licensure but does not award a degree. Significant consideration was given to this decision with positive reinforcement from state educational approval agencies.

State approval to grant degrees differs significantly from accreditation. Credits and degrees awarded from schools whose programs are state approved generally cannot be transferred to regionally accredited state and private colleges and universities, which are often exempt from state approval processes by virtue of having achieved accreditation. Accreditation is a voluntary, rigorous process that typically requires several years to complete. Midwifery

schools that choose to undergo accreditation do so because of their commitment to excellence in the field.

Some schools are state-approved to grant degrees while others, such as Nizhoni Institute, offer professional diploma or certificate programs. Two regionally accredited colleges in the U.S. currently offer direct-midwifery education programs. Some midwifery schools are nationally accredited by the Midwifery Education Accreditation Council, while others are neither state-approved nor accredited.

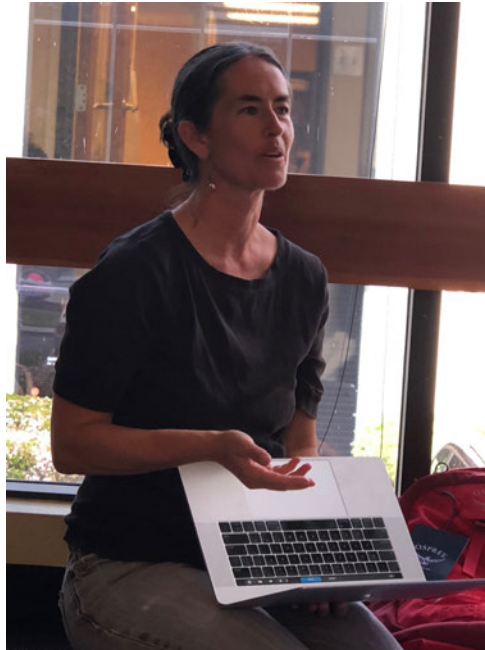
Because each of the states in the U.S. governs its educational programs separately, the process of accreditation was developed in order for schools and programs to voluntarily enter a process of quality assurance. In the United States, both national and regional accreditation agencies exist for the accreditation of educational programs and institutions. Regional accreditation is granted by one of six regional accrediting commissions: the New England Association of Schools and Colleges; the Middle States Association of Colleges and Schools; the North Central Association of Colleges and Schools; the Northwest Association of Schools and Colleges; the Southern Association of Colleges and Schools; and the Western Association of Schools and Colleges. Major universities in the United States are accredited by one of these six recognized accrediting commissions. Attendance at a regionally accredited university facilitates the recognition of degrees and credit transfer between these programs, although schools do not guarantee credit transfer.

Students should be aware that not all accrediting associations are legitimate. Diploma mills often form their own “accrediting commissions” and “accredit” their own programs, often with names that are similar to recognized accrediting agencies. Some non-traditional schools also join together to form accreditation organizations, but their accreditation is meaningless when it comes to applying for licensure in a profession.

Fortunately, midwifery has a respected mechanism for accreditation through the Midwifery Education Accreditation Council (MEAC). MEAC is a national accrediting agency and is the only institution recognized by the United States Department of Education for the accreditation of direct-entry midwifery educational institutions and programs. Some states require graduation from an approved midwifery program to sit for licensure; these states rely upon MEAC as the approved educational accrediting body. Graduation from a MEAC-accredited program facilitates the process of becoming a Certified Professional Midwife through the North American Registry of Midwives (NARM). The CPM credential has become the accepted standard for midwives who attend home births and birth center births and is often the requirement for entry-level practice in states where direct-entry midwives are licensed.

An innovative development in midwifery education has been initiated by The Midwifery Institute of Philadelphia University, which now offers advanced placement in their Master of Science in Midwifery program to qualified graduates of MEAC-accredited midwifery education programs who also hold baccalaureate degrees. Both registered nurses and non-nurse graduates who hold a baccalaureate degree *from a regionally accredited* institution may apply to the accredited master’s degree program at The Midwifery Institute. Graduates of this program are credentialed by the American Midwifery Certification Board either as

Certified Nurse-Midwives or Certified Midwives. For additional information on this program, please go to http://www.philau.edu/midwifery/Degree_Options/



Nizhoni’s faculty is made up of experienced and highly qualified local midwives.

THE MIDWIFERY EDUCATION PROGRAM

Vision Statement

Nizhoni is a Navajo word that conveys the spirit and practice of “the beauty way” as experienced and expressed through living in balance and harmony with the world. As midwives and students we seek that balance as we honor both our valued birthing traditions and our contemporary midwifery and medical knowledge. Graduates of Nizhoni Institute of Midwifery are prepared to function as primary health care providers for women and newborns. As midwives, we bring harmony and balance to childbearing and assist each woman to discover the transformative nature and experience of giving birth. As an institution providing midwifery education, we create and foster a strong commitment to excellence in midwifery care and practice in any given place or circumstance, encouraging midwives and those we serve to embrace and exemplify “the beauty way.”

The Mission of Nizhoni Institute of Midwifery

As our commitment to improving outcomes in birth and health care in the United States and throughout the world, Nizhoni Institute of Midwifery is dedicated to providing current, relevant, and clinically robust education in the art and science of midwifery. Through academic study, individual and group inquiry, and clinical education, students develop

midwifery expertise and critical reasoning skills and are prepared as graduates to offer safe, competent, and compassionate midwifery care and leadership in every setting.



The Midwives' Model of Care

The Midwives' Model of Care asserts that pregnancy and birth are normal life events. It includes:

- Monitoring the physical, psychological and social well-being of the mother throughout the childbearing cycle;
- Providing the mother with individualized education, counseling and prenatal care, continuous hands-on assistance during labor and birth, and postpartum support;
- Minimizing technological interventions; and
- Identifying and referring women who require obstetrical attention.

The application of this model has been proven to reduce the incidence of birth injury, trauma and cesarean section.

Pathways to Midwifery in California

Become a Licensed Midwife

The course of study at Nizhoni Institute of Midwifery is designed to meet the most rigorous requirements for state midwifery licensure.

In California, Licensed Midwives are authorized by law to practice in a variety of settings, including patients' homes, birth centers, offices, clinics, and hospital settings. California's standards for midwifery education are among the highest in the nation and Licensed

Midwives enjoy a broad scope of practice. State licensed health professionals and direct-entry (non-nurse) candidates are eligible for admission to Nizhoni Institute of Midwifery.

Applicants for California midwifery licensure must complete a postsecondary education program in a midwifery school approved by the Medical Board of California. Upon completion of all educational requirements, including evaluation of clinical experience, the candidate must pass a comprehensive board certification administered by the North American Registry of Midwives, which serves as the California licensing examination.

Alternatively, an applicant for California licensure also may show current licensure as a midwife in another state with licensing standards equivalent to those of the Medical Board of California (Business and Professions Code section 2512.5(b)). In California, Florida, and Washington, strict requirements exist for state-approved formal midwifery education and approved equivalency options. These three states presently offer licensure reciprocity.

A Challenge Process exists to allow experienced midwives an opportunity to obtain credit by examination. California's new midwifery practice act, which took effect January 1, 2015, now requires all Challenge students to complete didactic coursework in addition to clinical assessment. Maternidad La Luz in Texas and the National Midwifery Institute in Vermont are currently approved to provide Challenge mechanisms. If you believe that you might qualify for such a program, please contact those schools for more information.

Become a Certified Nurse-Midwife or Certified Midwife

Students who are registered nurses may apply to a program approved by the American Midwifery Certification Board (AMCB) of the American College of Nurse-Midwives to become a Certified Nurse-Midwife or CNM. These programs are university-affiliated and usually require a baccalaureate degree as a prerequisite to application; a few will allow nursing students with diplomas or associate degrees to complete a "bridge program" and then immediately enter the nurse-midwifery graduate degree program. Some graduate programs also allow non-nurses with baccalaureate degrees in fields other than nursing to enter an accelerated three-year Master of Science program to become both a registered nurse and a CNM. Most of the CNMs in the United States practice in hospitals.

A few AMCB-approved programs in the U.S. provide education for direct-entry (non-nurse) midwives leading to credentialing as a Certified Midwife. While this credential is legally recognized in five states, it is not accepted in California as a route to midwifery licensure.

Become a Physician Assistant

Another route to working in the field of women's health care is to become a Physician Assistant (PA-C) with a specialty in obstetrics and gynecology. Physician Assistants work under the supervision of a licensed physician but may have less practice autonomy in comparison to advanced practice nurses and CNMs. Physician Assistant educational programs are university-based; requirements and degrees earned vary between schools.



Nizhoni student catching a baby with her preceptor

Overview of the Course of Study

Nizhoni Institute of Midwifery prepares midwifery students to provide excellent care to healthy pregnant women and their newborns, including the ready identification of complications requiring consultation or referral. The program provides a means for students to obtain formal midwifery education while preserving the advantages of midwifery apprenticeship. In several states other than California, midwives may be trained by apprenticeship. Although this is a time-honored method of midwifery training, it has at least two significant weaknesses. First, midwives may not adequately organize, impart, or supervise the acquisition of needed academic information by their apprentices. Second, apprentices will inherit and perpetuate a preceptor's areas of knowledge deficit and may not have sufficient knowledge or experience to recognize areas of weakness. By combining classroom education with independent and group study, mentorship, and supervised clinical experience, Nizhoni students develop the knowledge and skills essential for safe, entry-level midwifery practice. Our modular learning format allows students to integrate midwifery theory with practice and develop the analytical skills and critical reasoning pathways that provide the foundation for developing higher clinical problem-solving skills.

This program meets its course objectives through guided and independent study, discussion, supervised skills practice, multi-media instruction, computer-based education, and clinical preceptorship. Learning activities are current, relevant, and evidence-based and are designed to synthesize academic education with clinical practice.

The didactic portion of the program is 38 months in length and consists of a minimum of 912 hours of classroom-based study. Clinical skills acquisition occurs via preceptorship with one or more approved clinical faculty members; students are encouraged to obtain clinical experience with multiple preceptors whenever possible and to complete a portion of their clinical experience in a birth center setting. Preceptorship generally begins after a student has completed approximately three to six months in the classroom setting and may take place in the student's community or at approved clinical sites elsewhere in the United States. Clinical experience consists of a minimum of 2,000 hours of supervised practice with credentialed midwife mentors until all clinical competencies have been satisfactorily completed and evaluated in accordance with state and national accreditation standards. Students are prepared to become Licensed Midwives and to achieve the Certified Professional Midwife (CPM) credential through the North American Registry of Midwives. This credential is the national certification standard for midwives providing professional care in out-of-hospital birth settings.

All classroom and clinical requirements must be satisfactorily completed in order to graduate from Nizhoni Institute of Midwifery. Typically students finish within four years. Students may be allowed up to six years to complete the program in order to complete all required clinical competencies or to remediate deficiencies. *Students who do not complete the program within six years of the original date of enrollment are automatically withdrawn from the program. If they desire readmission it will be necessary to reapply and retake the entire program; these students are not eligible for advanced placement.*

Program Goals of Nizhoni Institute of Midwifery

Nizhoni Institute of Midwifery provides a professional education for students who will promote maternal, infant, and family health for the communities they serve as midwives. In addition to specialized midwifery knowledge and skills, midwives share common knowledge with practitioners of nursing, obstetrics, perinatology, behavioral health, and integrative medicine. Our graduates exemplify personal and professional accountability, promote and protect informed consent, and practice evidence-based midwifery care.

Nizhoni Institute of Midwifery offers a Diploma in Holistic Midwifery Studies with the goal of educating the student whose professional plan is to serve as a Licensed Midwife. Graduates are prepared to:

1. Practice as professional midwives, meeting nationally accepted standards of midwifery practice, to promote the health and well being of childbearing families and women throughout the life cycle.
2. Provide safe, competent midwifery care to childbearing women and their newborns through appropriate utilization of the Midwives' Model of Care in primary care, collaboration, and timely and appropriate consultation and referral.

3. Analyze, synthesize, and apply concepts from midwifery, nursing science, obstetrics, integrative medicine, and related methods of systematic inquiry in order to improve maternal, perinatal, and community health outcomes.
4. Evaluate the adequacy of underlying knowledge from midwifery science, related fields, and professional foundations as these inform midwifery practice.

Midwives are prepared for the scope of practice outlined by the MEAC Curriculum Checklist of Essential Competencies, the North American Registry of Midwives certification requirements for Certified Professional Midwives, and the joint mission statement of the Midwives Alliance of North America and the American College of Nurse-Midwives:

"The entry level midwife is a primary health care professional who independently provides care during pregnancy, birth, and the postpartum period for women and newborns within their communities. Services provided by the midwife include education and health promotion. With additional education and experience, the midwife may provide well-woman gynecological care, including family planning services. When the care required extends beyond the midwife's abilities, the midwife has a mechanism for consultation, referral and continued involvement."

The Department of Labor classification for Licensed Midwives/CPMs is under the major classification for all healthcare practitioners, at the Detailed Occupation level, 29-9099, Healthcare Practitioners and Technical Workers, All Other.

The Course of Instruction

Each module in the midwifery program is completed in one month and the knowledge gained in each module provides the foundation for the next module's learning activities. There are 38 required modules. Students attend class all day once a week and must complete an internship with one or more approved preceptors. The North American Registry of Midwives certification examination is the final examination required for graduation from the program. Students are in the classroom setting for a minimum of 912 clock hours of didactic instruction and practicum. Completion of the clinical portion of the program requires 2,000 hours of supervised clinical experience with an approved preceptor. The entire program requires a minimum number of 2,912 clock hours of education. Because of the prescribed program structure, enrollment status for all students is considered full time. Nizhoni reserves the right to alter, modify or change the order of modules at any time.

Student Orientation is provided to acquaint incoming students with the midwifery education program. Students meet with faculty, administrators, graduates, and student representatives from other cohorts to learn what they may expect in the midwifery program.

Modules 1 - 12:

The freshman year provides an introduction to the Midwives Model of Care,[™] and a foundation of basic skills and knowledge needed to carry out the role of assistant midwife. At the end of the year students will be able to:

1. Explain cultural competency, informed consent, and shared decision making, and describe how they affect the provision of care.
2. Take a complete medical and obstetric history and appropriately document care in paper and electronic client charts.
3. Counsel prenatal clients regarding nutrition, basic genetics, fetal development, teratogens, and the role of hormones in conception, pregnancy, birth, and the establishment of lactation
4. Demonstrate comfort measures for labor, hand maneuvers for delivery, and competence assisting in the management of minor complications of birth and the immediate postpartum.

1. Foundations of Contemporary Midwifery (24 hrs. didactic)

The introduction to the Midwives' Model of Care establishes the context for professional midwifery practice. Students discuss the social and political landscape of contemporary midwifery and global, national, and local professional issues. Introduction to evidence-based best practices in midwifery.

2. Practice Documentation (24 hrs. didactic)

Introduction to legal and ethical guidelines for documentation of patient care. Students apply medical terminology to simulated patient care scenarios. Informed consent is introduced as the cornerstone of the midwife-patient relationship.

3. Introduction to Midwifery Skills (18 hrs. didactic, 6 hrs. practicum)

Universal precautions, aseptic technique, and basic midwifery skills, with skills practice for clinical settings.

4. Cultural Sensitivity and Communication Skills (24 hrs. didactic)

Communication, education, and counseling skills with emphasis on cultural sensitivity, learning styles, social styles, and versatility in human interaction.

5. Complete Health Assessment (18 hrs. didactic, 6 hrs. practicum)

Detailed midwifery and medical history, evaluation of documentation provided by other health care providers, and performance of the complete physical examination.

6. Intrapartum Care (24 hrs. didactic)

Skills to support the laboring woman and development of practices, skills, and attributes required to assist a primary midwife during labor, birth, and the immediate postpartum period. Introduction to fetal heart rate patterns and monitoring in labor.

7. **Midwifery Research** (24 hrs. didactic)
Introduction to basic statistical applications used for midwifery and medical studies. Evaluation of research studies for merit and evidence-based practices.
8. **Foundations of Reproductive Science** (24 hrs. didactic)
A review of reproductive anatomy and physiology, genetics, fetal development, and teratogenic complications related to pregnancy with applications to midwifery, preconceptional counseling, and referral to maternal-newborn specialists.
9. **Well Woman/Well Person Care** (18 hrs. didactic, 6 hrs. practicum)
Well-woman exam, including Pap testing and vaginal cultures. Evaluation, treatment, and referral for treatment of sexually transmitted diseases. Study of human sexuality and options in family planning.
10. **Midwifery and the Law** (24 hrs. didactic)
Laws relative to midwifery in the students' intended areas of practice. Legislative systems as mechanisms for improving the legal climate of birth locally and globally.
11. **The Placenta** (18 hrs didactic, 6 hrs practicum)
The structure and function of the placenta and umbilical cord in normal and complicated pregnancies. A functional overview of fetal circulation and the baby's transition to extrauterine life after birth.
12. **Nutrition in Pregnancy** (24 hrs. didactic)
The impact of nutrition in pregnancy, including prevention of complications such as preterm labor, anemia, preeclampsia, and abruptio placenta. The impact of nutrition on perinatal outcomes and long-term health indicators in women and infants.

Modules 13 - 24:

The Junior year provides more in-depth study of the provision of care in the prenatal period, labor and birth, and the immediate postpartum, and an introduction to the responsibilities of the primary midwife. At the end of the year students will be able to:

1. Describe the components of prenatal care according to the week of pregnancy and conduct a complete prenatal visit including screening for inter-partner violence, substance use, and depression.
 2. Identify, order, and interpret routine prenatal and fetal testing, follow up on results outside of the normal range, and consult appropriately
 3. Create care plans and oversee labor and delivery in conjunction with the primary midwife, including performing advanced skills such as IV administration, and perineal exam and suturing.
 4. Provide care for the mother and baby during the six week postpartum period.
13. **Diagnostic Testing in the Childbearing Year I** (18 hrs. didactic, 6 hrs. practicum)
A survey of laboratory testing in pregnancy and introduction to the use of these tests to improve pregnancy outcomes. Students learn phlebotomy skills.

- 14. Diagnostic Testing in the Childbearing Year II** (24 hrs. didactic)
The uses of obstetrical and perinatal technologies in midwifery care. Selection of appropriate diagnostic tools during pregnancy to improve maternal-infant outcomes.
- 15. Prenatal Care I** (24 hrs. didactic)
Critical reasoning skills relative to facilitating health during pregnancy, provision of midwifery care, and treatment of common complaints during normal pregnancy. Risk assessment relative to normal birth is a central focus of this module.
- 16. Prenatal Care II** (18 hrs. didactic, 6 hrs. practicum)
Clinical skills involved in the provision of prenatal care. Students learn about the unique value of the home visit and explore the psychosocial impact of abuse issues relative to pregnancy, birth, and perinatal outcomes.
- 17. Normal Labor and Birth** (24 hrs. didactic)
The significance of neuro-hormonal pathways relative to labor and common variations that occur in normal childbirth.
- 18. Pharmacology I: Intravenous Therapy for Midwives** (18 hrs. didactic, 6 hrs. practicum)
Applications of basic chemistry to fluid and electrolyte balance. Selection and administration of IV fluids during pregnancy, labor, birth, and the postpartum periods.
- 19. Complications of Pregnancy I** (24 hrs. didactic)
Recognition and treatment of pregnancy complications from conception to 28 weeks gestation.
- 20. Complications of Pregnancy II** (18 hrs. didactic, 6 hrs. practicum)
Recognition and treatment of pregnancy complications from 28 weeks gestation to term.
- 21. Assessment of Fetal Well-Being** (18 hrs. didactic, 6 hrs. practicum)
Low- and high-tech approaches to the assessment of fetal well-being, including the indications for consultation and referral in the presence of complications.
- 22. Perineal Integrity and Repair** (12 hrs. didactic, 12 hrs. practicum)
Preservation of the perineum, lacerations, episiotomy, and techniques of perineal repair. Sterile technique, selection and use of sutures and surgical equipment, administration of local anesthesia, and use of both hand and instrument ties.
- 23. Care of the Normal Newborn** (18 hrs. didactic, 6 hrs. practicum)
Indicators of normal neonatal transition and effective practices for stabilizing the baby after the birth. Complete newborn physical examination and care of the infant during the first six weeks of life, including metabolic screening and referral.

- 24. The Postpartum Period** (24 hrs. didactic)
The normal postpartum course with recognition and treatment of postpartum complications and application of appropriate practice guidelines.

Modules 25 - 38:

The Senior year prepares the student midwife for independent practice as a Certified Professional Midwife and California Licensed Midwife. At the end of the year students will be able to:

1. Choose from a wide range of allopathic and complementary modalities to support health in the provision of care during the childbearing year and throughout the lifespan.
 2. Demonstrate the skills and knowledge to provide primary care under supervision during pregnancy, labor, birth, the 6 week neonatal/postpartum period, and between pregnancies.
 3. Comfortably navigate the details of creating and maintaining a successful midwifery practice.
 4. Describe midwifery in the US within the context of the global midwifery community and explain the role of midwifery model care on reducing health disparities and promoting the health of mothers, babies, and families in the US and around the world.
- 25. Infant Feeding** (24 hrs. didactic)
Biologic breastfeeding and management of common complications of nursing. Local and global politics that affect patterns of infant nutrition.
- 26. Pharmacology II: Botanical Medicine** (12 hrs. didactic, 12 hrs. practicum)
Botanical pharmacology as applied to women's health care. Students learn practical skills for making herbal preparations of all types.
- 27. Pharmacology III: Intravenous Skills Practicum** (12 hrs. didactic, 12 hrs. practicum)
Techniques for starting an intravenous infusion. In combination with Pharmacology I, satisfies requirements for Intravenous Therapy Certification standards for midwifery practice in California and other states.
- 28. Pharmacology IV: Intro. to Biomedical Pharmacology** (18 hrs. didactic, 6 hrs. practicum)
Biomedical pharmacological treatment of problems during pregnancy, birth and the postpartum period. Correct techniques for administration of medications.
- 29. Pharmacology V: Intro. to Traditional Chinese Medicine** (12 hrs. didactic, 12 hrs. practicum)
Introduction to theories and philosophies of Chinese medicine, acupuncture, and acupressure, with applications to pregnancy and well-woman care.
- 30. Pharmacology VI: Homeopathy for Midwives** (12 hrs. didactic, 12 hrs. practicum)
Foundation principles of homeopathic practice with techniques for acute prescribing for mothers and infants.

- 31. Intrapartum Complications I** (18 hrs. didactic, 6 hrs. practicum)
Treatment of complications of labor and birth, including dysfunctional labor, recognition and evaluation of abnormal fetal heart rate patterns, meconium staining, and the needs of clients planning a vaginal birth after cesarean section.
- 32. Intrapartum Complications II** (18 hrs. didactic, 6 hrs. practicum)
Comprehensive overview of the management of complications of labor and birth, including hospital transport, recognition and treatment of shock, assisted and operative deliveries, hemorrhage, placental abnormalities, and shoulder dystocia.
- 33. Intrapartum Variations** (18 hrs. didactic, 6 hrs. practicum)
Overview of the management of variations of labor and birth, including face presentation, unexpected breech births, and multiple gestation.
- 34. Complications of the Neonatal Period I** (18 hrs. didactic, 6 hrs. practicum)
Neonatal complications and guidelines for treatment and referral of babies with complications to hospital-based providers.
- 35. Grief and Counseling in the Neonatal Period** (18 hrs. didactic, 6 hrs. practicum)
Support of women and families when birth outcomes are difficult and/or during a difficult postpartum/neonatal period.
- 36. Midwifery Care in a Global Context** (18 hrs. didactic, 6 hrs. practicum)
Review of research regarding measures of maternity quality improvement in order to examine trends and disparities in benchmarks of maternal-newborn and community health care. Consideration of global, national, and local health care services to improve access to midwifery resources.
- 37. The Midwifery Practice** (24 hrs. didactic)
Market analysis, business plan development, practice marketing, insurance coding and billing, and tax requirements for midwifery practices.
- 38. Birth Disaster Preparedness Training** (6 hrs didactic, 18 hrs practicum)
Four day camping retreat and disaster preparedness simulation exercise. Students will apply concepts and skills acquired over the duration of their educational program to roleplay typical experiences and common complications encountered during the normal provision of care, adapted to an atypical setting with minimal supplies and few modern conveniences.

Integration Phase

The Integration Phase allows students additional time to complete necessary graduation requirements, including supervised internship, during which the student functions as the primary midwife under supervision. An Integration Phase lasts a minimum of three months and varies in structure according to the needs of the individual student. To aid in successful completion of the midwifery program, students entering the Integration Phase may be asked to complete an Individualized Learning Contract to clarify their academic and clinical goals.