



NATIONAL UNIVERSITY

ADDENDUM B

TO THE NATIONAL UNIVERSITY GENERAL CATALOG 77

GENERAL INFORMATION

National University has received specialized accreditation for its business programs through the International Assembly for Collegiate Business Education (IACBE), located in Olathe, Kansas. The business programs in the following degrees are accredited by the IACBE:

- Master of Accountancy
- Master of Arts in Human Resources Management
- Master of Business Administration
- Master of Science in Management Information Systems
- Master of Science in Organizational Leadership
- Bachelor of Arts in Management
- Bachelor of Business Administration
- Bachelor of Science in Accountancy
- Bachelor of Science in Financial Management
- Bachelor of Science in Hospitality and Casino Management
- Bachelor of Science in Organizational Leadership

ACADEMIC INFORMATION FOR UNDERGRADUATE DEGREES

Provisional Acceptance

Undergraduate students may take courses during provisional acceptance while the Office of the Registrar awaits receipt of official transcripts from:

- All colleges and universities the student has previously attended.
- All examinations the student has taken including CLEP, AP, DSST, and/ or Excelsior College exams
- Military documents
- Official Military DD-295 or Official Military JST Transcript (Army, Navy or Marine)
- Coast Guard Institute (Coast Guard)
- Community College of the Air Force transcript
- High school transcripts (required if the student has not been awarded an Associate degree from a regionally accredited institution or has less than 60 semester units [90 quarter units] of transferable coursework from previous collegiate level institutions or if the student has not attended any higher education institution). G.E.D. or high school proficiency certificates may be submitted by students who have obtained high school equivalency through an alternative route. Coursework not included in total transferable units include remedial, pass/fail, repeats, and excess vocational, and PE.

If the Office of the Registrar does not receive all required documentation within 60 days of the date of admission, the students' studies are temporarily interrupted until the Registrar receives all official documents. If the students' studies are temporarily interrupted this can affect financial aid eligibility. The Registrar will send a courtesy notification every 30

days to students in provisional status advising them of any outstanding documentation needed for their file to be complete. Students should also view their To-Do list which can be found on the student web portal to determine outstanding documents. Coursework satisfactorily completed during the provisional acceptance period counts toward graduation if it is consistent with specific degree program requirements.

Advanced Placement (AP) Exam

Spanish Language – Score of 3 - 5 (9 quarter units)
Transfer Credit allowed for: SPN 100 and SPN 101

GENERAL EDUCATION

Beginning March 1, 2014, the following courses are included in the General Education Requirement:

AREA G: LIFELONG LEARNING AND SELF DEVELOPMENT

FFL 100 Foundation to Academic Success

AREA A-G: GENERAL EDUCATION

HIS 300 Roots of Western Civilization
(no longer fulfills Diversity)

MUS 326+ American Music

+ Diversity Enriched Offering

COLLEGE OF LETTERS AND SCIENCES

Terminated Programs

- Bachelor of Science Major in Environmental Science
- Minor in Chinese Studies
- Graduate Certificate in Bereavement Studies

Modified Programs

UNDERGRADUATE DEGREES

■ BACHELOR OF ARTS

◆ MAJOR IN ENGLISH

Faculty Advisor: John Miller; (949) 733-0632; jmiller@nu.edu

Modified Program Description and Transition Programs

The Bachelor of Arts in English provides a strong background in the study of English. The program stresses literary analysis, diversity, critical thinking, and written and oral communication skills through a rigorous curriculum of literature, composition, language and linguistics, and communication studies. It is an excellent preparation for careers in teaching, media, advertising, writing, and publishing; for graduate or professional studies in

English, communications, or law; and for advancement in any field in which communication skills are important. Students interested in creative writing may choose the Concentration in Creative Writing.

Note: Students interested in teaching English or Language Arts in middle or secondary schools should consider enrolling in the Single Subject Matter Preparation Program or the major in English with Single Subject Credential.

BA English/MA English and BA English/MFA Creative Writing Transition Programs

Students enrolled in the BA English program who have a cumulative GPA of at least 3.0 and are within six courses of completing the BA program may register for the BA English/MA English or BA English/MFA Creative Writing transition programs. They do so by asking their admission advisor to submit a plan change into the transition program.

Students in the BA English/MA English transition program may take any one 600-level ENG course (excluding ENG 689 or ENG 699) as an elective within the BA English program. For students in the BA English/MA English transition program, the University will waive one MA English course taken as part of the BA degree if the grade earned is a "B" or higher.

Students in the BA ENG/MFA Creative Writing transition program may take one or two courses from among the following:

- any 600-level ENG courses (excluding ENG 689 and ENG 699)
- MCW 600, MCW 610, or MCW 635 (note that MCW 635 is an eight week course and should not be taken concurrently with other courses).

For students in the BA English/MFA Creative Writing transition program, the University will waive up to two MFA Creative Writing courses taken as part of the BA degree if the grade earned is a "B" or higher.

No graduate units will be awarded; instead the University will waive the MA English or MFA course taken as part of the BA degree. However, students must still meet the residency requirements for the MA English or MFA Creative Writing programs (40.5 quarter units). Students must apply to and begin the MA English or MFA Creative Writing programs within six months of completing the BA English program. A complete description of Transition Program requirements can be found in the Policies and Procedures section of this Catalog.

◆ MAJOR IN INTERDISCIPLINARY STUDIES WITH A PRELIMINARY MULTIPLE SUBJECTS TEACHING CREDENTIAL (CALIFORNIA)

Faculty Advisor: Jacqueline Caesar; (858) 642-8350; jcaesar@nu.edu

For Credential: Mary Anne Weegar; (858) 642-8360; mweegar@nu.edu

Modified Core Requirements

ART 400 is replaced with ART 329 World Art

■ BACHELOR OF SCIENCE

◆ MAJOR IN BIOLOGY

Faculty Advisor: Michael Maxwell; 858-824-9223; mmaxwell@nu.edu

Modified Degree Requirements and Preparation for the Major

Degree Requirements

To receive a Bachelor of Science, Major in Biology, students must complete at least 180 quarter units as articulated below, 45 of which must be completed in residence at National University, 76.5 of which must be completed at the upper division level, and a minimum 70.5 units of the University General Education requirements. In the absence of transfer credit, additional general electives may be necessary to satisfy total units for the degree. Refer to the section on undergraduate admission requirements for specific information regarding admission and evaluation.

* Completion of BIO 100, 100A, 201, 201A, 202, 202A, 203, 203A is equivalent to the course sequence BIO 161, 162, 163, 169A for fulfillment of the BS Biology degree.

Preparation for the Major

(16-17 courses; 60.0-61.5 quarter units)

MTH 210* Probability and Statistics
Prerequisite: Accuplacer test placement evaluation, or MTH 12A, and MTH 12B

MTH 215* College Algebra & Trigonometry
Prerequisite: Accuplacer test placement evaluation, or MTH 12A, and MTH 12B

or

MTH 216A* College Algebra I (3 quarter units)
Prerequisite: Accuplacer test placement evaluation, MTH 12A, and MTH 12B

and

MTH 216B* College Algebra II (3 quarter units)
Prerequisite: MTH 216A

CHE 141* General Chemistry 1
Prerequisite: MTH 215 or equivalent, CHE 101

CHE 142* General Chemistry 2
Prerequisite: CHE 141

CHE 143* General Chemistry 3
Prerequisite: CHE 142

BIO 161* General Biology 1

BIO 162* General Biology 2
Prerequisite: BIO 161

BIO 163* General Biology 3
Prerequisite: BIO 161, BIO 162

PHS 171* * General Physics 1
Prerequisite: MTH 215, or MTH 216A, and MTH 216B

PHS 172* * General Physics 2
Prerequisite: PHS 171

PHS 173* General Physics 3
Prerequisite: PHS 171, PHS 172

CHE 150 Introductory Organic Chemistry
Prerequisite: CHE 101, and CHE 101A

CHE 150A Introductory Organic Chem Lab (1.5 quarter units)
Prerequisite: CHE 150

BIO 169A General Biology Lab (1.5 quarter units)
Prerequisite: BIO 161, BIO 162, BIO 163

- CHE 149A General Chemistry Laboratory (1.5 quarter units)
Prerequisite: CHE 143
- PHS 179A General Physics Lab (1.5 quarter units)
Prerequisite: PHS 171, PHS 172, PHS 173

* May be used to meet General Education requirements

GRADUATE DEGREES

■ MASTER OF ARTS IN COUNSELING PSYCHOLOGY

Faculty Advisor: Brian Tilley; (760) 268-1550; btilley@nu.edu

Modified Course Sequence

Core Requirements

Sequence I

(6 courses; 27 quarter units)

In cohort system locations students will take classes from this sequence then take 3 area of specialization courses, Core Course Sequence II, and any electives required. Students in open enrollment locations should consult their regional lead faculty for the sequence of their courses.

- PSY 605 Lifespan Development
Prerequisite: Bachelor's Degree in Psychology or PSY 501A, and PSY 501B
- PSY 608 Evidence-Based Practice
Prerequisite: Bachelor's Degree in Psychology or PSY 501A, and PSY 501B
- PSY 610 Case Management
Prerequisite: Bachelor's Degree in Psychology or PSY 501A, and PSY 501B
- PSY 611A Counseling Paradigms I
Prerequisite: Bachelor's Degree in Psychology, or PSY 501A, and PSY 501B
- PSY 612A Clinical Assessment I
- PSY 612B Clinical Assessment II
Prerequisite: PSY 612A

LPCC Specialization

Students in the LPCC specialization will take these courses between Core Sequence I and II.

- PSY 653 Research: Paradigms & Critique
- PSY 624A Testing and Assessment
- CED 612 Career & Academic Counseling

MFT Specialization

Students in the MFT specialization will take these courses between Core Sequence I and II.

- PSY 636 Child and Adolescent Therapy
- PSY 632A Family Therapy
- PSY 632B Couples Therapy

Core Requirements

Sequence II

(9 Courses; 40.5 quarter units)

- PSY 627 Legal & Ethical Issues
- PSY 611B Counseling Paradigms II

- PSY 680A Counseling Practicum I
Prerequisite: PSY 611B
- PSY 628 Group Therapy
- PSY 678 Clinical Biopsychology
- CHD 640 Treatment of Addictions
- PSY 679 Psychology of Trauma
- PSY 637 Cultural Competencies
- PSY 680B Counseling Prac II for MFTs
Prerequisite: PSY 680A
- OR

- PSY 680C* Counseling Prac II for LPCCs
Prerequisite: PSY 680A

* PSY 680C meets the requirement for PSY 680B. Students who want to pursue both specializations should complete PSY 680C.

Approved Electives

(2 courses; 9 quarter units)

Students may choose two of the following electives to complete their program. Students who were required to take PSY 501A and PSY 501B at the beginning of the program have fulfilled their elective credit units with those courses.

- AGE 602 Foundations of Gerontology II
- AGE 610 Wellness/Engagement in Aging
Prerequisite: AGE 602
- AGE 611 Psychology of Older Adults
Prerequisite: AGE 602
- AGE 613 Counseling Older Adults
Prerequisite: AGE 602
- CJA 600 CJ Theory, Practice & Policy
- CJA 610 Critical Issues in CJ
- CJA 627 Comparative CJ Systems
- CJA 650 Advanced Criminological Theory
- CJA 660 Drugs, Alcohol & Public Policy
- CJA 665 Violence and Victimization
- COH 604 Theories of Health Behavior
- COH 616 Mental Health Promotion
- COH 617 PH Aspects of Violence
Prerequisite: COH 604
- COH 619 PH Aspects of Human Sexuality
Prerequisite: COH 604
- COH 621 PH Aspects of Drug Addiction
- FSC 622 Law and Criminal Procedure
- FSC 631 Major Case Investigation
- FSC 643 Forensic Psychology
- HUB 601A Organizational Behavior
- HUB 639 Issues in Sexuality
- HUB 642 Theories of Behavior Change
- HUB 648 Personal Growth & Comm.
- IHC 600 Intro to Complementary Healing
- IHM 600 Integrative Stress Management
- IHM 630 Spirituality, Health & Healing
- LED 602 Developing Groups and Teams

LED 604	Leading Change and Adaptation
LED 605	Conflict and Power Dynamics
MGT 601M	Principles of Management
MGT 605	Organization Mgmt & Leadership
ODV 600	Theory & Practice of OD
PED 667	Developmental Psychopathology
PED 676	Applied Behavior Analysis
PSY 602	Sport/Performance Psychology
PSY 603	Performance Psy Alt Population

■ MASTER OF ARTS IN ENGLISH

BA English to MA English Transition Program

Students who are in the process of completing a BA with a major in English at National University may be eligible for the BA to MA English transition program. Requirements for the transition program are listed under the Bachelor's Degree with a major in English in the catalog.

▲ Specialization in Rhetoric

Faculty Advisor: Christine Photinos; (858) 642-8349; cphotinos@nu.edu

Modified Program Description

The Master of Arts in English with a Specialization in Rhetoric provides a program of graduate study in literature as well as a wide range of cultural production, from classical oration to contemporary cinema, with particular attention paid to how language and image are used to produce various effects and meanings. Students study literary texts and other cultural artifacts across a variety of media forms, developing readings that are grounded in contextual understanding. They complete course work in literary studies, classical and modern rhetoric, composition pedagogy, media studies, and film studies. The prescribed curriculum contains several variable-topic courses, allowing students to pursue broad program goals in topic areas matched to their individual interests. The program is appropriate for students seeking preparation for doctoral study or college-level teaching in English and related fields, or general cultural enrichment.

■ MASTER OF FINE ARTS IN CREATIVE WRITING

Faculty Advisor: Frank Montesonti; (301) 662-2159; fmontesonti@nu.edu

Modified Program Description, Application Requirements, Transition Program Language, Elective Requirements

The Master of Fine Arts in Creative Writing is a studio degree where students produce creative work and refine it through workshops that focus on developing craft in fiction, creative nonfiction, poetry, or screenwriting. In online workshops, students write constructive critiques of the work of their classmates, read modern texts from the writer's perspective, and participate in generative writing activities.

Courses are taught by established writers in the field who share their perspective and expertise in the craft. Participating in seminars and workshops, students build valuable skills in their chosen concentration. The culmination of the program is the thesis project, a publishable quality final project in the student's chosen specialty that demonstrates a critical application of knowledge in the field which should make an independent contribution to existing work in that area. During the thesis process, students work one-on-one with a faculty mentor in drafting and revising a publishable quality thesis.

This program is excellent preparation for a professional career in writing, working in the areas of publishing or filmmaking, and is the minimal academic qualification appropriate for those who desire to teach creative writing at the college or university level.

Students are expected to focus in one genre, but are required to take seminar workshops in different genres in order to broaden the scope of their reading and writing. Students are encouraged to take graduate courses in English Literature as electives, as the critical study of literature goes hand in hand with its composition. Interested students may submit to, or volunteer to work on, the student literary journal, the GNU.

The Master of Fine Arts in Creative Writing program is entirely online with no on-ground residency requirement.

Application Requirements

To be considered for admission, applicants must meet the University graduate admission requirements listed in the general information. In addition, applicants in creative writing should submit portfolios of their writing directly to: fmontesonti@nu.edu. The portfolio should include 20-30 pages of fiction or literary nonfiction (usually two to three short stories or essays), 10-20 pages of poetry, a completed screenplay, or a substantial sample of work in several forms.

Based on the portfolio, applicants may be advised to complete one or more of the following undergraduate courses prior to enrolling in the advanced writing workshops:

ENG 401	Fiction Workshop
ENG 402	Poetry Workshop
ENG 403	Screenwriting Workshop

BA English to MFA Transition Program

Students who are in the process of completing a BA with a major in English and concentration in creative writing at National University may be eligible for the BA to MFA transition program. Requirements for the transition program are listed under the Bachelor's Degree with a major in English in the catalog.

Elective Requirements

(4 courses; 18 quarter units)

A minimum of two electives should be chosen from the list below. All graduate courses with the prefix ENG, except the capstone courses, are approved electives for the MCW program.

MCW 635	Writing for Young Adults
ENG 600	Seminar in Literary Theory
ENG 610	Multicultural Literature
ENG 620A	Literary Period or Movement I
ENG 620B	Literary Period or Movement II
ENG 640	Seminar in Poetry
ENG 655	Composition Pedagogy
ENG 656	History of Rhetoric
ENG 657	Modern Rhetoric
ENG 660	Seminar in Literary Hypermedia
ENG 665	Film Theory
ENG 666	Film History: The Silents
ENG 667	Film History: American Film
ENG 668	Film Genre Studies
ENG 669	World Film

ENG 670	Comparative Literary Studies
ENG 671	Pictures that Speak
ENG 680A	Seminar in a Theme I
ENG 680B	Seminar in a Theme II
ENG 685	Great Directors: American
ENG 686	Great Directors: International
ENG 689	Research and Methodology
ENG 690A	Major Author Seminar I
ENG 690B	Major Author Seminar II

The remaining two electives may be from the above list or if the students wants to take more workshop courses, additional advanced MCW writing workshops that the student has not already taken as part of her/his specialized study may be taken as electives. These include:

MCW 630A	Advanced Workshop in Fiction <i>Prerequisite: MCW 630</i>
MCW 630B	Adv Workshop in Fiction <i>Prerequisite: MCW 630</i>
MCW 640A	Advanced Workshop in Poetry <i>Prerequisite: MCW 645</i>
MCW 640B	Advanced Workshop in Poetry <i>Prerequisite: MCW 645</i>
MCW 650A	Adv Workshop in Lit Nonfiction <i>Prerequisite: MCW 650</i>
MCW 650B	Adv Workshop in Lit Nonfiction <i>Prerequisite: MCW 650</i>
MCW 680A	Adv Workshop in Screenwriting <i>Prerequisite: MCW 685</i>
MCW 680B	Adv Workshop in Screenwriting <i>Prerequisite: MCW 685, and MCW 680A</i>

SCHOOL OF BUSINESS AND MANAGEMENT

Modified Programs

UNDERGRADUATE PROGRAMS

■ BACHELOR OF ARTS

◆ MAJOR IN INTEGRATED MARKETING COMMUNICATION

Faculty Advisor: Susan Silverstone; (619) 563-7312; ssilvers@nu.edu

Modified Course Sequence

Core Requirements

(16 courses; 72 quarter units)

COM 305	Intercultural Communication <i>Prerequisite: ENG 101 and COM 100, COM 103, or COM 220</i>
COM 354	Professional Presentations <i>Prerequisite: ENG 101</i>

COM 364	Communication Technologies <i>Prerequisite: ENG 101</i>
COM 324	Critical Thinking and Ethics <i>Prerequisite: ENG 101</i>
COM 334	Persuasion <i>Prerequisite: ENG 101</i>
MKT 430	Intro to Global Marketing <i>Prerequisite: MKT 302A</i>
MKT 434	Intro to Market Research <i>Prerequisite: MKT 302A</i>
MKT 443	Introduction to Advertising <i>Prerequisite: MKT 302A</i>
COM 420A	Public Relations Strategies <i>Prerequisite: COM 334</i>
MKT 441	Channel and Value Networks <i>Prerequisite: MKT 302A</i>
OR	
MKT 448	Not-For-Profit Marketing <i>Prerequisite: MKT 302A</i>
MKT 446	Introduction to Services Mkt <i>Prerequisite: MKT 302A</i>
MKT 445	e-Marketing <i>Prerequisite: MKT 302A</i>
COM 411A	Advertising Campaigns <i>Prerequisite: COM 410A or MKT 443 and COM 365 or COM 400</i>
COM 430A	Interactive Strategies <i>Prerequisite: COM 334</i>
COM 365	Integrated Marketing Comm <i>Prerequisite: ENG 101, COM 364, and MKT 302A or COM 315</i>
MKT 480	Marketing Capstone <i>Prerequisite: Completion of 31.5 quarter units of upper-division core requirements, MKT 302A</i>

GRADUATE DEGREES

■ MASTER OF BUSINESS ADMINISTRATION

Faculty Advisor: Kamlesh Mehta; (619) 563-7288; kmehta@nu.edu

Modified Course Requirement

BKM 600 is replaced with BIM 610 Strategic Decision Systems

■ MASTER OF SCIENCE IN MANAGEMENT INFORMATION SYSTEMS

(joint program with SETM)

Faculty Advisor: Farnaz Sharifrazi; (619) 563-7311; fsharifrazi@nu.edu

Faculty Advisor: Rell Snyder; (714) 429-5282; rsnyder@nu.edu

Modified Core Requirements

Core Requirements

(12 courses; 54 quarter units)

CIS 601	Information Systems Strategies
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CIS 602	Network Services & Protocols <i>Prerequisite: CIS 601</i>
DAT 604	Database Design and Impl.
CIS 604	Management and Security <i>Prerequisite: CIS 601</i>
MGT 604	Project and Program Management
BIM 606	Info Mgmt for Leaders
BIM 600	Human-Computer Interaction
BIM 610	Strategic Decision Systems
TMG 625	Systems Analysis and Design
CIS 607	Systems Integration <i>Prerequisite: CIS 601</i>
CIS 620A	Master's Research Project I <i>Prerequisite: All core requirements with a GPA of 3.0, approval of lead faculty.</i>
CIS 620B	Master's Research Project II <i>Prerequisite: CIS 620A</i>

- Design effective organizational, technological or instructional applications to address challenges in the US professional educational environment.

Specialization Requirements

(4 courses; 18 quarter units)

MAT 620	Multidimensional Education
MAT 621	Impact of Culture & Language <i>Prerequisite: MAT 620</i>
MAT 622	Comparative Ed Systems <i>Prerequisite: MAT 621</i>
MAT 623	Transformative Ed Practices <i>Prerequisite: MAT 622</i>

● GRADUATE CERTIFICATE IN U.S. EDUCATION IN A GLOBAL CONTEXT

Faculty Advisor: Peter Serdyukov; (858) 642-8332; pserdyuk@nu.edu

These courses are designed for K-12 teachers, especially those who teach in the social sciences, foreign and second languages, language arts, math and science. With a focus on global education, content offered in this program will provide practicing educators with advanced views on US school practices based on analyses of international educational systems.

Students will gain knowledge of issues affecting education, including socio-economics, culture, technology, as well as innovative approaches in teaching and learning. In addition, students will increase skills in implementing effective approaches and strategies that address the needs of contemporary school environments and diverse student populations.

Educational administrators, policymakers and international students would also benefit from participation in this program.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Analyze the interdependence among socio-economic, political, geographic and technological factors at both national and global levels and appraise their impact on education and educational systems.
- Analyze the ways in which cultural, religious and linguistic factors affect countries' choices of educational systems and educational priorities.
- Evaluate various international educational theories and practices using research and personal experiences in order to make improvements to current school environments.
- Synthesize new knowledge of innovative international educational systems, educational theories and practices, and develop practical recommendations for improving teaching and learning in US schools.
- Design effective organizational, technological or instructional applications to address challenges in the US professional educational environment.

Certificate Requirements

(4 courses; 18 quarter units)

MAT 620	Multidimensional Education
MAT 621	Impact of Culture & Language <i>Prerequisite: MAT 620</i>
MAT 622	Comparative Ed Systems <i>Prerequisite: MAT 621</i>



SCHOOL OF EDUCATION

Terminated Programs

- Area of Specialization in Teaching and Learning in a Global Society

New Programs

New Area of Specialization in U.S. Education in a Global Context for the following:

- Master of Arts in Teaching 
- Master of Arts in Education
- Master of Education with a Multiple or Single Subjects Teaching Credential 

▲ Specialization in U.S. Education in a Global Context

Faculty Advisor: Peter Serdyukov; (858) 642-8332; pserdyuk@nu.edu

Courses are designed for K-12 teachers. With a focus on global education, content offered in this program will provide educators with advanced views on US school practices based on comparative analysis of international educational systems. Students will gain knowledge of issues affecting education and innovative approaches in teaching and learning that will be applied in contemporary school environments.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Analyze the interdependence among socio-economic, political, geographic and technological factors at both national and global levels and their impact on education and educational systems.
- Analyze the ways in which cultural, religious and linguistic factors affect countries' choices of educational systems and educational priorities.
- Evaluate various international educational theories and practices using research and personal experiences in order to make improvements to current school environments.
- Implement new knowledge of innovative international educational systems, educational theories and practices into practical recommendations for improving teaching and learning in US schools

Modified Programs

The following programs contain the modified course below:

■ MASTER OF EDUCATION WITH A PRELIMINARY MULTIPLE OR SINGLE SUBJECTS TEACHING CREDENTIAL AND INTERNSHIP OPTION (CALIFORNIA)

■ MASTER OF EDUCATION WITH NEVADA SECONDARY LICENSURE

■ PRELIMINARY EDUCATION SPECIALIST AUTHORIZATION TEACHING CREDENTIAL

■ PRELIMINARY SINGLE SUBJECTS TEACHING CREDENTIAL WITH INTERNSHIP OPTION (CALIFORNIA)

Due to updated state requirements to add credential or content areas to an existing California credential, TED 633 Content Area: Instruct-Assess was modified to include subject specific content area topics in each authorization. Per these new regulations, single subject candidates who intend to pursue more than one single subject content area must demonstrate subject matter competency in each authorization area (e.g. passage of the CSET) and pass a 4.5qu pedagogy course in each area of study. TED 633 Content Area: Instruct-Assess may now be repeated for credit in different single subject content areas.

TED 633 Content Area: Instruct-Assess 4.5qu
Topic 1: Initial SS Content Area
Prerequisite: TED 623

Or

TED 633 Content Area: Instruct-Assess 4.5qu
Topic 2: Additional SS Content Area
(Assignments are designed for candidates who hold a California Preliminary Multiple or Single Subject Teaching Credential or have successfully completed Topic 1. May be repeated twice for credit)

■ MASTER OF SCIENCE IN EDUCATIONAL AND INSTRUCTIONAL TECHNOLOGY

Faculty Advisor: E. George Beckwith; (909) 806-3349;
gbeckwith@nu.edu

Modified Program Learning Outcomes, Degree Requirements, and Course Requirements

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Develop research skills and conduct an educational needs assessment using analysis of subject matter, job/task, audience and context.
- Apply learning theory, instructional theory, and interactive communication theory using various technology methods across disciplines to prepare students for lifelong learning.

- Apply interdisciplinary elements from technology, psychology, and computer assisted interactive communications.
- Construct an instructional module requiring students to use and display appropriate theories and methodologies to include literary and communicative skills.
- Present effective teaching methods for adult learners using available technologies.
- Develop the social, political, economic, and global implications of web-based instruction to include tools for group processes and collaboration.
- Demonstrate multimedia elements such as simulations, virtual worlds, and learning objects.
- Demonstrate professional ethics as well as cultural and global awareness to be responsible citizens in a diverse society to include how technology education may contribute to each.

Degree Requirements

(10 courses; 45 quarter units)

To obtain a Master of Science in Educational and Instructional Technology students must complete 45 quarter units of graduate work. Where appropriate, students can transfer a maximum of 4.5 quarter units of graduate work completed at another regionally accredited institution to meet stated requirements in the program if the units were not used toward a conferred degree. Students should refer to the section on graduate admission requirements for specific information regarding application and evaluation.

Core Requirements

(10 courses; 45 quarter units)

EDT 600A	Technology Foundations
EDT 601	Instructional Design Prerequisite: EDT 600A
EDT 605	Education Theory & Technology
EDT 607	Media Based Learning Objects Prerequisite: EDT 600A, EDT 601, and EDT 605
EDT 609	Developing Online Courseware Prerequisite: EDT 600A, EDT 601, EDT 605, and EDT 607
EDT 613	Simulations & Virtual Reality Recommended: Prior completion of: EDT 600A, EDT 601, EDT 605, EDT 607, EDT 609, EDT 631
EDT 631	Media and Instruction Prerequisite: EDT 600A
EDT 632	Technology and Leadership Prerequisite: EDT 600A, EDT 601, EDT 605, EDT 607, EDT 609, EDT 631
EDT 693	Instructional Eval. & Devl. Prerequisite: EDT 600A, EDT 601, EDT 605, EDT 607, EDT 609, EDT 631, EDT 613, EDT 632
EDT 695	Capstone Project Prerequisite: EDT 693

● GRADUATE CERTIFICATE IN EDUCATIONAL TECHNOLOGY

Faculty Advisor: Cynthia Sistik-Chandler; (858) 642-8322;
cchandler@nu.edu

Modified Program Learning Outcomes and Course Requirements

This graduate certificate is designed for individuals wishing to develop their knowledge and skills for integrating technology in a PK-12 educational setting. The four course sequence will provide the students with hands-on activities to develop a portfolio of digital work. Students will develop competency with contemporary web tools and online systems.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Integrate interdisciplinary connection between evidence based technologies for multimedia instruction.
- Use teaching strategies to accommodate learners in an online or blended environment.
- Participate in online community building and web-based interactive activities.
- Assess the effectiveness and efficiency of multimedia courseware and internet resource for use in instruction and delivery system.
- Examine the critical issues involved in designing effective distance educational programs.
- Design web-based courses using web page design authoring tools.

Required Courses

(4 courses; 18 quarter units)

Students need to take EDT 671 as the last class in the sequence.

EDT 605	Education Theory & Technology
EDT 610	Teaching Online
EDT 660	Multimedia & Interactive Tech.
EDT 671	Curriculum for Online Learning <i>Prerequisite: EDT 610, EDT 660, EDT 605</i>

SCHOOL OF ENGINEERING, TECHNOLOGY AND MEDIA

Terminated Programs

- Associate of Arts in Digital Media Design
- Undergraduate Certificate in Construction Management
- Undergraduate Certificate in Construction Specifications
- Master of Science in Wireless Communications

Modified Programs

■ BACHELOR OF ARTS

◆ MAJOR IN DIGITAL MEDIA DESIGN

Faculty Advisor: Brian Arnold; (310) 425-5822;
barnold@nu.edu

Modified Preparation for the Major

Preparation for the Major

(3 courses; 10.5 quarter units)

ENG 100	Effective College English I (3 quarter units) <i>Prerequisite: Satisfactory performance on Accuplacer</i>
ENG 101	Effective College English II (3 quarter units) <i>Prerequisite: ENG 100</i>
COM 220	Media Literacy

■ BACHELOR OF SCIENCE

◆ MAJOR IN ELECTRICAL AND COMPUTER ENGINEERING

Faculty Advisor: Mudasser Wyne; (858) 309-3433;
mwyne@nu.edu

Modified Program Sequence

Requirements for the Major

(21 Courses; 85.5 quarter units)

PHS 231	Calculus-based Physics 1 <i>Prerequisite: PHS 104 and MTH 220 or CSC 208 and MTH 221 or CSC 209</i>
CSC 300	Object Oriented Design <i>Prerequisite: CSC 252</i>
CSC 310	Linear Algebra and Matrix Comp <i>Prerequisite: CSC 300</i>
PHS 232	Calculus-based Physics 2 <i>Prerequisite: PHS 104, PHS 231, MTH 220 or CSC 208 and MTH 221 or CSC 209</i>
MTH 433	Differential Equations <i>Prerequisite: MTH 223 and MTH 435 or CSC 209 and CSC 310</i>
CSC 331	Discrete Structures and Logic <i>Prerequisite: CSC 252 and CSC 310</i>
EGR 340	Embedded Systems
EGR 340L	Embedded Systems Lab (1.5 quarter units) <i>Corequisite: EGR 340</i>
CSC 340	Digital Logic Design <i>Prerequisite: CSC 208 or EGR 220</i>
CSC 340L	Digital Logic Design Lab (1.5 quarter units) <i>Corequisite: CSC 340</i>
CSC 342	Computer Architecture <i>Prerequisite: CSC 340 and CSC 340L</i>
CSC 350	Computer Ethics
CEE 310	Circuit Analysis <i>Prerequisite: MTH 433</i>
CEE 310L	Circuit Analysis Lab (1.5 quarter units) <i>Corequisite: CEE 310</i>
EGR 440	Project Management Fundamental

CSC 436	Comp. Communication Networks <i>Prerequisite: CSC 335 or CSC 340 and CSC 340L</i>
CEE 420	Microelectronics <i>Prerequisite: CEE 310</i>
CEE 430	Digital Signal Processing <i>Prerequisite: CEE 420</i>
CEE 440	VLSI Design <i>Prerequisite: CEE 430</i>
CEE 498	Capstone Design Project I <i>Prerequisite: Complete all core courses except CEE499 OR Permission of the program lead.</i>
CEE 499	Capstone Design Project II <i>Prerequisite: CEE 498</i>

◆ MAJOR IN INFORMATION TECHNOLOGY MANAGEMENT

Faculty Advisor: Bhaskar Raj Sinha; (858) 309-3431; bsinha@nu.edu

Modified Transition Descriptions

Two transition programs are available to students in the BSITM degree who meet certain requirements as specified below:

BSITM/ Master of Science in Cyber Security and Information Assurance (MSCSIA) Transition Program

Students must complete graduate-level coursework taken as part of the BSITM degree with a grade of B or better. This coursework, which counts as BSITM electives, will not transfer as graduate-level credit to National University or any other institution as it is part of an undergraduate degree program. Grades earned in graduate level courses will be calculated as part of the student's undergraduate grade point average. Students must be within completing their last six courses in their undergraduate program and have a cumulative GPA of at least a 3.00 to be eligible. Students must apply for and begin the MSCSIA program within six months after completing their final BSITM course. Students must complete their MSCSIA program within four years with no break exceeding 12 months. This Transition Program allows currently enrolled BSITM students with a cumulative grade point average of at least a 3.0, who are within completing their last six courses, to register for two MSCSIA courses as electives for their BSITM degree. Students can take the following two courses: CYB600 and CYB601. The number of courses required to earn the MSCSIA degree for Transition Program students is reduced from 12 to 10 courses, depending on courses taken and grades earned.

BSITM / Master of Science in Management Information Systems (MSMIS) Transition Program

Students must complete graduate-level coursework taken as part of the BSITM degree with a grade of B or better. This coursework, which counts as BSITM electives, will not transfer as graduate-level credit to National University or any other institution as it is part of an undergraduate degree program. Grades earned in graduate level courses will be calculated as part of the student's undergraduate grade point average. Students must be within completing their last six courses in their undergraduate program and have a cumulative GPA of at least a 3.00 to be eligible. Students must apply for and begin the MSMIS program within six months after completing their final BSITM course. Students must complete their MSMIS program within four years with no break exceeding 12 months. This Transition Program allows currently enrolled BSITM students with a cumulative grade point average of at least a 3.0, who are within completing their last six courses, to register for two MSMIS courses as electives for their BSITM degree. Students

can take the following two courses: CIS601 and CIS607. The number of courses required to earn the MSMIS degree for Transition Program students is reduced from 12 to 10 courses, depending on courses taken and grades earned.

◆ MAJOR IN INFORMATION SYSTEMS

Faculty Advisor: Mudasser Wyne; (858) 309-3433 mwyne@nu.edu

Modified Program Sequencing and New Concentrations

The Bachelor of Science in Information Systems (BSIS) program links business and technology, and there is great demand in the corporate world for people who can integrate all elements of the enterprise into a comprehensive network of responsive, proactive information delivery systems. Information systems have become increasingly important in fields such as healthcare and criminal justice. The BSIS program includes: data communications, systems analysis, system development, database management system, project management, enterprise architecture, IT infrastructure and IS strategy, management and acquisition.

Transition Program is available for students in the BSIS to Master of Science in Management Information Systems. Students must certain requirements as detailed

BSIS/ Master of Science in Management Information Systems (MSMIS) Transition Program

Students can select CIS 601 and any one of the following two courses: DAT604 and CIS 602. The number of courses required to earn an MSMIS degree for Transition Program students is reduced from 12 to 10 courses, depending on courses selected and grades earned. Students must complete graduate-level coursework taken as part of the BSIS degree with a grade of B or better. This coursework, which counts as electives, will not transfer as graduate-level credit to National University or any other institution as it is part of an undergraduate degree program. Grades earned in graduate level courses will be calculated as part of the student's undergraduate grade point average. Students must be within completing their last six courses in their undergraduate program and have a cumulative GPA of at least a 3.00 to be eligible. Students must apply for and begin the MSMIS program within six months after completing their final BSIS course. Students must complete their MSMIS program within four years with no break exceeding 12 months.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Apply analytical and critical thinking skills, and information systems concepts for solving organizational problems.
- Discuss the potential global impact of specific information systems solutions.
- Evaluate and implement organizational planning, design, and integration of information systems solutions in competitive environment.
- Plan and design organizational communications infrastructure and networking topology.
- Improve strategic information management procedures and processes.
- Identify innovative and efficient solutions to solve organizational problems.
- Demonstrate written and oral communication skills in a collaborative environment.

Degree Requirements

(17 courses; 76.5 quarter units)

Core requirements

(10 courses; 45 quarter units)

CIS 301	Mgmt Information Systems
CIS 310	Technology Project Management
CIS 320	Systems Analysis & Integration
CIS 350	Database Management Systems
CIS 421	Enterprise Architecture <i>Prerequisite: CIS 301</i>
CIS 422	IT Infrastructure <i>Prerequisite: CIS 421</i>
CIS 423	IS Strategy, Mgt & Acquisition <i>Prerequisite: CIS 422</i>
CSC 350	Computer Ethics
CIS 420	Information Systems Project I <i>Prerequisite: CIS 310 and 80 percent of courses in the major, except CIS 420B</i>
CIS 420B	Information Systems Project II <i>Prerequisite: CIS 420A</i>

Upper-Division Electives

(3 courses; 13.5 quarter units)

Select 3 upper-division courses from the following list:

CIS 430	Web/EB Design & Development
CIS 460	Human Factor /Ergonomic Design
ITM 420	Local Area Networks
ITM 430	Wide Area Networks <i>Prerequisite: ITM 420</i>
ITM 470	Information Security Management
ITM 475	Information Security Technology <i>Prerequisite: ITM 470</i>

Students must complete core courses (Except CIS420A and CIS420B) and upper division electives before taking four courses in one of the two concentrations: Information Management or Business Management.

▲ Concentration in Business Management

Faculty Advisor: Farnaz Sharifrazi; (619) 563-7311; fsharifrazi@nu.edu

Business management concentration is 4 courses from Business (4 courses from SOBM will allow students to obtain the needed skills listed below).

- General models of business
- Business models
- Business process design and management
- Organizational theory Business strategy
- Evaluation of business performance
- Analysis of organizational performance
- Analysis of individual and team performance
- Business analytics
- Business intelligence

Requirements for the Concentration

(4 courses; 18 quarter units)

MGT 309C	Prin. of Mgmt & Organizations
BIM 400	Info Mgmt in Organizations
MGT 483	E-Business

Select 1 upper-division undergraduate course from the School of Business and Management

▲ Concentration in Information Management

Faculty Advisor: Mudasser Wyne; (858) 309-3433 mwyne@nu.edu

Requirements for the Concentration

(4 courses; 18 quarter units)

Students will choose four upper-division undergraduate courses from the School of Engineering, Technology and Media programs to create their own specialized concentration. This concentration requires prior approval from the program lead.

SCHOOL OF HEALTH AND HUMAN SERVICES

Modified Programs

■ BACHELOR OF SCIENCE

◆ LICENSED VOCATIONAL NURSE TO BACHELOR OF SCIENCE IN NURSING (L.V.N.-TO-B.S.N.) (CALIFORNIA)

Faculty Advisor: Mary Kracun; (858) 309-3486; mkracun@nu.edu

The Bachelor of Science in Nursing (BSN) program provides the foundation for professional nursing practice as a beginning generalist clinician who provides care to individuals, families, communities and populations. The baccalaureate degree prepares nurses for leadership in providing direct care and collaborating within care teams that work to improve the quality and safety of health care. Graduates are eligible to take the professional licensure exam (NCLEX) to earn a State license to practice as a Registered Nurse (RN).

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Develop caring, therapeutic nursing relationships with individuals, families and groups.
- Provide safe, high quality, culturally competent, patient-centered nursing care for individuals across the life span in a variety of settings.
- Participate in the continuous improvement of nursing care quality and safety.
- Use nursing judgment to manage, prioritize, and delegate patient care in a variety of health care settings.
- Effectively communicate and collaborate with patients and the interdisciplinary team.
- Demonstrate professional identity by incorporating established standards of practice within the legal and ethical framework of nursing.
- Apply best, current evidence into nursing practice to achieve desired outcomes.

Degree Requirements

To receive a Bachelor of Science in Nursing (BSN), students must complete at least 180 quarter units as articulated below, 45 of which must be completed in residence at National University, 76.5 of which must be completed at the upper-division level, and the University General Education requirements. In the absence of transfer credit, additional general electives may be necessary to satisfy total units for the degree. The following courses are specific degree requirements. Students should refer to the section on undergraduate admission procedures for specific information on admission and evaluation.

Students exiting after completing the courses required for licensure by the California Board of Registered Nursing (as designated below) without completing at least 180 quarter units (at National University or through credit transfer) will not be granted the BSN degree.

Effective for any student enrolling at the institution as of March 1, 2014.

AREA A: ENGLISH COMMUNICATION

(15 quarter units)

CATEGORY – 1 Writing

(10.5 quarter units)

ENG 100 Effective College English I (3 quarter units)
Prerequisite: Satisfactory performance on Accuplacer

ENG 101 Effective College English II (3 quarter units)
Prerequisite: ENG 100

ENG 240 Advanced Composition
Prerequisite: ENG 100, and ENG 101

CATEGORY – 2 Speech and Communication

COM 103 Public Speaking

AREA B: MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING

(4.5 quarter units)

MTH 204 Mathematics for Science
Prerequisite: MTH 12A and MTH 12B, or Accuplacer test placement evaluation

AREA C: INFORMATION LITERACY AND TECHNOLOGY

(4.5 quarter units)

ILR 260 Information Literacy
Prerequisite: ENG 100 and ENG 101

AREA D: ARTS AND HUMANITIES

(4.5 quarter units)

PHL 337 Ethics
Prerequisite: ENG 100 and ENG 101

AREA E: SOCIAL AND BEHAVIORAL SCIENCES

(9 quarter units)

PSY 100 Introduction to Psychology

SOC 350+ Cultural Diversity
Prerequisite: ENG 100, and ENG 101

+Diversity Enriched Offering

AREA F: PHYSICAL AND BIOLOGICAL SCIENCES

(24 quarter units required in Nursing)

BIO 201 Human Anatomy & Physiol I
Recommended: Prior completion of: BIO 100, BIO 100A, CHE 101, CHE 101A or equivalent courses.

BIO 201A Human Anatomy & Physiol Lab I (1.5 quarter units)

Prerequisite: BIO 201

BIO 202 Human Anatomy & Physiol II
Recommended: Prior completion of: BIO 201, and BIO 201A, BIO 100, and BIO 100A, CHE 101, and CHE 101A or equivalent courses

BIO 202A Human Anatomy & Physiol Lab II (1.5 quarter units)

Prerequisite: BIO 202

BIO 203 Introductory Microbiology
Recommended: Prior completion of: BIO 201, and BIO 201A, BIO 202, and BIO 202A, BIO 100, and BIO 100A, CHE 101, and CHE 101A or equivalent courses

BIO 203A Introductory Microbiology Lab (1.5 quarter units)

Prerequisite: BIO 203

CHE 101 Introductory Chemistry
Recommended Preparation: MTH 204 or MTH 215, or MTH 216A and MTH 216B

CHE 101A Introductory Chemistry Lab (1.5 quarter units)
Prerequisite: CHE 101 or CHE 141 for science majors

AREA G: LIFELONG LEARNING

(4.5 quarter units)

COH 317 Public Health Nutrition

AREA A-G: GENERAL EDUCATION

(4.5 quarter units)

Preparation for the Major

(3 courses; 13.5 quarter units)

BST 322 Intro to Biomedical Statistics

NSG 280 Human Lifecycle Development
Prerequisite: ENG 100, ENG 101, PSY 100

HTM 310 Health Informatics

Nursing Core Courses

(19 courses; 70.5 quarter units)

NSG 302 Professional Nursing Issues
Prerequisite: Admission into the Bachelor of Science in Nursing or have a LVN/LPN License. For Generic BSN Students, completion of all non-nursing courses is required to enroll in this course

NSG 211 Health Assessment (3 quarter units)
Prerequisite: NSG 302 with a minimum grade of C, Corequisite: NSG 211A with a minimum grade of S

NSG 211A Health Assessment Lab (1.5 quarter units)
Prerequisite: NSG 302 with a minimum grade of C, Corequisite: NSG 211

NSG 230A Patho/Pharm IA
Prerequisite: NSG 211 with a minimum grade of C, and NSG 211A with a minimum grade of S

NSG 332 Evidence-Based Practice
Prerequisite: BST 322

NSG 215 Gerontological Nursing (3 quarter units)
*Prerequisite: NSG 200 with a minimum grade of C, and NSG 200A with a minimum grade of S, or LVN/LPN License
Corequisite: NSG 215A*

NSG 215A	Gerontological Nsg Lab (1.5 quarter units) <i>Prerequisite: NSG 200 with a minimum grade of C, and NSG 200A with a minimum grade of S, or LVN/LPN License, Corequisite: NSG 215</i>
NSG 330	Patho/Pharm II <i>Prerequisite: NSG 230A with a minimum grade of C, and NSG 230B with a minimum grade of C</i>
NSG 320	Medical-Surgical Nursing II <i>Prerequisite: NSG 205 with a minimum grade of C, and NSG 205A with a minimum grade of S, or LVN/LPN License Corequisite: NSG 320A</i>
NSG 320A	Medical-Surgical II Lab <i>Prerequisite: NSG 205 with a minimum grade of C, and NSG 205A with a minimum grade of S, or LVN/LPN License Corequisite: NSG 320</i>
NSG 326	Psychosocial Nursing <i>Prerequisite: NSG 320 with a minimum grade of C, or LVN/LPN License, Corequisite: NSG 326A</i>
NSG 326A	Psychosocial Nursing Lab (3 quarter units) <i>Prerequisite: NSG 330 with a minimum grade of C, or LVN/LPN License, Corequisite: NSG 326</i>
NSG 413	Population Based Nursing (6 quarter units) <i>Corequisite: NSG 413A</i>
NSG 413A	Population Based Nursing Lab (3 quarter units) <i>Corequisite: NSG 413</i>
NSG 414	Nursing Leadership (3 quarter units) <i>Corequisite: NSG 414A</i>
NSG 414A	Nursing Leadership Practicum (1.5 quarter units) <i>Corequisite: NSG 414</i>
NSG 445	Quality Improvement/Proj Mgmt <i>Prerequisite: BST 322, NSG 332</i>
NSG 450	Medical Surgical Nursing III <i>Prerequisite: NSG 445 with a minimum grade of C Corequisite: NSG 450A</i>
NSG 450A	Med Surgical Nursing III Lab <i>Prerequisite: NSG 445 with a minimum grade of C, Corequisite: NSG 450</i>

◆ BACHELOR OF SCIENCE IN NURSING (B.S.N.) ACCELERATED POST-BACHELOR DEGREE (CALIFORNIA)

Faculty Advisor: Mary Kracun; (858)309-3486; mkracun@nu.edu

The Bachelor of Science in Nursing (BSN) program provides the foundation for professional nursing practice as a beginning generalist clinician who provides care to individuals, families, communities and populations. The baccalaureate degree prepares nurses for leadership in providing direct care and collaborating within care teams that work to improve the quality and safety of health care. Graduates are eligible to take the professional nurse licensure exam (NCLEX) to earn a State license to practice as a Registered Nurse (RN).

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Develop caring, therapeutic nursing relationships with individuals, families and groups.

- Provide safe, high quality, culturally competent, patient-centered nursing care for individuals across the life span in a variety of settings.
- Participate in the continuous improvement of nursing care quality and safety.
- Use nursing judgment to manage, prioritize, and delegate patient care in a variety of health care settings.
- Effectively communicate and collaborate with patients and the interdisciplinary team.
- Demonstrate professional identity by incorporating established standards of practice within the legal and ethical framework of nursing.
- Apply best, current evidence into nursing practice to achieve desired outcomes.

Degree Requirements

To receive an Accelerated Degree Bachelor of Science in Nursing (BSN), students must complete at least 180 quarter units as articulated below, 45 of which must be completed in residence at National University, 76.5 of which must be completed at the upper-division level. Second degree students' general education requirements from the first degree are accepted in lieu of University General Education requirements. Students must meet the University's upper division and Diversity General Education requirements. Transfer credits may be accepted if the courses taken elsewhere are comparable to the required courses listed below. Students should refer to the section on undergraduate admission procedures for specific information on admission and evaluation. The following courses are specific degree requirements.

Effective for any student enrolling at the institution as of March 1, 2014.

Preparation for the Major

(17 courses; 64.5 quarter units)

COM 103*	Public Speaking
PSY 100*	Introduction to Psychology
MTH 204*	Mathematics for Science <i>Prerequisite: MTH 12A and MTH 12B of Accuplacer test placement evaluation</i>
BIO 201*	Human Anatomy & Physiol I <i>Recommended: Prior completion of: BIO 100, BIO 100A, CHE 101, CHE 101A or equivalent courses.</i>
BIO 201A*	Human Anatomy & Physiol Lab I (1.5 quarter units) <i>Prerequisite: BIO 201</i>
BIO 202*	Human Anatomy & Physiol II <i>Recommended: Prior completion of: BIO 201, and BIO 201A, BIO 100, and BIO 100A, CHE 101, and CHE 101A or equivalent courses</i>
BIO 202A*	Human Anatomy & Physiol Lab II (1.5 quarter units) <i>Prerequisite: BIO 202</i>
BIO 203*	Introductory Microbiology <i>Recommended: Prior completion of: BIO 201, and BIO 201A, BIO 202, and BIO 202A, BIO 100, and BIO 100A, CHE 101, and CHE 101A or equivalent courses</i>
BIO 203A*	Introductory Microbiology Lab (1.5 quarter units) <i>Prerequisite: BIO 203</i>

CHE 101*	Introductory Chemistry <i>Recommended Preparation: MTH 204, or MTH 215, or MTH 216A, and MTH 216B</i>	NSG 205A	Medical-Surgical I Lab <i>Prerequisite: NSG 215 with a minimum grade of C, and NSG 215A with a minimum grade of C</i> <i>Corequisite: NSG 205 with a minimum grade of C</i>
CHE 101A*	Introductory Chemistry Lab (1.5 quarter units) <i>Prerequisite: CHE 101, or CHE 141 for science majors</i>	NSG 330	Patho/Pharm II <i>Prerequisite: NSG 230A with a minimum grade of C, and NSG 230B with a minimum grade of C</i>
SOC 350+	Cultural Diversity <i>Prerequisite: ENG 100, and ENG 101</i>	NSG 320	Medical-Surgical Nursing II <i>Prerequisite: NSG 205 with a minimum grade of C, and NSG 205A with a minimum grade of S, or LVN/LPN License</i> <i>Corequisite: NSG 320A</i>
PHL 337	Ethics <i>Prerequisite: ENG 100, and ENG 101</i>	NSG 320A	Medical-Surgical II Lab <i>Prerequisite: NSG 205 with a minimum grade of C, and NSG 205A with a minimum grade of S, or LVN/LPN License</i> <i>Corequisite: NSG 320</i>
BST 322	Intro to Biomedical Statistics	NSG 326	Psychosocial Nursing <i>Prerequisite: NSG 320 with a minimum grade of C, or LVN/LPN License</i> <i>Corequisite: NSG 326A</i>
COH 317*	Public Health Nutrition	NSG 326A	Psychosocial Nursing Lab (3 quarter units) <i>Prerequisite: NSG 330 with a minimum grade of C, or LVN/LPN License</i> <i>Corequisite: NSG 326</i>
HTM 310	Health Informatics	NSG 336	Child-Bearing Family (3 quarter units) <i>Prerequisite: NSG 326 with a minimum grade of C, and NSG 326A with a minimum grade of S</i> <i>Corequisite: NSG 336A</i>
NSG 280	Human Lifecycle Development <i>Prerequisite: ENG 100, ENG 101, PSY 100</i>	NSG 336A	Child-Bearing Family Lab (3 quarter units) <i>Prerequisite: NSG 326 with a minimum grade of C, and NSG 326A with a minimum grade of S</i> <i>Corequisite: NSG 336</i>

* May be used to meet a General Education requirement
+Diversity Enriched Offering

Nursing Core Courses

(27 courses; 100.5 quarter units)

NSG 302	Professional Nursing Issues <i>Prerequisite: Admission into the Bachelor of Science in Nursing or have a LVN/LPN License. For Generic BSN Students, completion of all non-nursing courses is required to enroll in this course</i>	NSG 335	Pediatric Nursing (3 quarter units) <i>Prerequisite: NSG 336 with a minimum grade of C, and NSG 336A with a minimum grade of S</i> <i>Corequisite: NSG 335A</i>
NSG 211	Health Assessment (3 quarter units) <i>Prerequisite: NSG 302 with a minimum grade of C</i> <i>Corequisite: NSG 211A with a minimum grade of S</i>	NSG 335A	Pediatric Nursing Lab (3 quarter units) <i>Prerequisite: NSG 336 with a minimum grade of C, and NSG 335A with a minimum grade of S</i> <i>Corequisite: NSG 335</i>
NSG 211A	Health Assessment Lab (1.5 quarter units) <i>Prerequisite: NSG 302 with a minimum grade of C</i> <i>Corequisite: NSG 211</i>	NSG 413	Population Based Nursing (6 quarter units) <i>Corequisite: NSG 413A</i>
NSG 230A	Patho/Pharm IA <i>Prerequisite: NSG 211, NSG 211A</i>	NSG 413A	Population Based Nursing Lab (3 quarter units) <i>Corequisite: NSG 413</i>
NSG 200	Foundations of Nursing <i>Prerequisite: NSG 211 with a minimum grade of C and NSG 211A with a minimum grade of S</i> <i>Corequisite: NSG 200A</i>	NSG 414	Nursing Leadership (3 quarter units) <i>Corequisite: NSG 414A</i>
NSG 200A	Foundations Clinical Lab <i>Prerequisite: NSG 211 with a minimum grade of C, NSG 211A with a minimum grade of S</i> <i>Corequisite: NSG 200</i>	NSG 414A	Nursing Leadership Practicum (1.5 quarter units) <i>Corequisite: NSG 414</i>
NSG 215	Gerontological Nursing (3 quarter units) <i>Prerequisite: NSG 200 with a minimum grade of C, and NSG 200A with a minimum grade of S, or LVN/LPN License</i> <i>Corequisite: NSG 215A</i>	NSG 445	Quality Improvement/Proj Mgmt <i>Prerequisite: BST 322, NSG 332</i>
NSG 215A	Gerontological Nsg Lab (1.5 quarter units) <i>Prerequisite: NSG 200 with a minimum grade of C, and NSG 200A with a minimum grade of S, or LVN/LPN License</i> <i>Corequisite: NSG 215</i>	NSG 450	Medical Surgical Nursing III <i>Prerequisite: NSG 445 with a minimum grade of C</i> <i>Corequisite: NSG 450A</i>
NSG 332	Evidence-Based Practice <i>Prerequisite: BST 322</i>	NSG 450A	Med Surgical Nursing III Lab <i>Prerequisite: NSG 445 with a minimum grade of C</i> <i>Corequisite: NSG 450</i>
NSG 205	Medical-Surgical Nursing I <i>Prerequisite: NSG 215 with a minimum grade of C, and NSG 215A with a minimum grade of S</i> <i>Corequisite: NSG 205A with a minimum grade of S</i>		

◆ BACHELOR OF SCIENCE IN NURSING GENERIC ENTRY (B.S.N.)(CALIFORNIA)

Faculty Advisor: Mary Kracun; (858) 309-3486; mkracun@nu.edu

The Bachelor of Science in Nursing (BSN) program provides the foundation for professional nursing practice as a beginning generalist clinician who provides care to individuals, families, communities and populations. The baccalaureate degree prepares nurses for leadership in providing direct care and collaborating within care teams that work to improve the quality and safety of health care. Graduates are eligible to take the professional licensure exam (NCLEX) to earn a State license to practice as a Registered Nurse (RN).

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Develop caring, therapeutic nursing relationships with individuals, families and groups.
- Provide safe, high quality, culturally competent, patient-centered nursing care for individuals across the life span in a variety of settings.
- Participate in the continuous improvement of nursing care quality and safety.
- Use nursing judgment to manage, prioritize, and delegate patient care in a variety of health care settings.
- Effectively communicate and collaborate with patients and the interdisciplinary team.
- Demonstrate professional identity by incorporating established standards of practice within the legal and ethical framework of nursing.
- Apply best, current evidence into nursing practice to achieve desired outcomes.

Degree Requirements

To receive a Bachelor of Science in Nursing (BSN), students must complete at least 184.5 quarter units as articulated below, 45 of which must be completed in residence at National University, 76.5 of which must be completed at the upper-division level, and the University General Education requirements. In the absence of transfer credit, additional general electives may be necessary to satisfy total units for the degree. The following courses are specific degree requirements.

Effective for any student enrolling at the institution as of March 1, 2014.

Required General Education Preparation

The following areas of General Education must be completed prior to beginning any preparation for the Major or Nursing Major core coursework: Area A1, A2, B, C, D, E, F, and G.

AREA A: ENGLISH COMMUNICATION

(15 quarter units)

Category 1: Writing

(10.5 quarter units required)

- ENG 100 Effective College English I (3 quarter units)
Prerequisite: Satisfactory performance on Accuplacer
- ENG 101 Effective College English II (3 quarter units)
Prerequisite: ENG 100
- ENG 240 Advanced Composition
Prerequisite: ENG 100, and ENG 101

Category 2: Speech and Communication

(4.5 quarter units required)

- COM 103 Public Speaking

AREA B: MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING

(4.5 quarter units)

- MTH 204 Mathematics for Science
Prerequisite: MTH 12A and MTH 12B of Accuplacer test placement evaluation

AREA C: INFORMATION LITERACY AND TECHNOLOGY

(4.5 quarter units)

- ILR 260 Information Literacy
Prerequisite: ENG 100, and ENG 101

AREA D: ARTS AND HUMANITIES

(4.5 quarter units)

- PHL 337 Ethics
Prerequisite: ENG 100, and ENG 101

AREA E: SOCIAL AND BEHAVIORAL SCIENCES

(9 quarter units)

- PSY 100 Introduction to Psychology
- SOC 350+ Cultural Diversity
Prerequisite: ENG 100, and ENG 101

+Diversity Enriched Offering

AREA F: PHYSICAL AND BIOLOGICAL SCIENCES

(24 quarter units required in Nursing)

- BIO 201 Human Anatomy & Physiol I
Recommended: Prior completion of: BIO 100, BIO 100A, CHE 101, CHE 101A or equivalent courses.
- BIO 201A Human Anatomy & Physiol Lab I (1.5 quarter units)
Prerequisite: BIO 201
- BIO 202 Human Anatomy & Physiol II
Recommended: Prior completion of: BIO 201, and BIO 201A, BIO 100, and BIO 100A, CHE 101, and CHE 101A or equivalent
- BIO 202A Human Anatomy & Physiol Lab II (1.5 quarter units)
Prerequisite: BIO 202
- BIO 203 Introductory Microbiology
Recommended: Prior completion of: BIO 201, and BIO 201A, BIO 202, and BIO 202A, BIO 100, and BIO 100A, CHE 101, and CHE 101A or equivalent courses
- BIO 203A Introductory Microbiology Lab (1.5 quarter units)
Prerequisite: BIO 203
- CHE 101 Introductory Chemistry
Recommended Preparation: MTH 204, or MTH 215, or MTH 216A and MTH 216B
- CHE 101A Introductory Chemistry Lab (1.5 quarter units)
Prerequisite: CHE 101, or CHE 141 for science majors

AREA G: LIFELONG LEARNING AND SELF DEVELOPMENT
(4.5 quarter units)

COH 317 Public Health Nutrition

AREA A-G: GENERAL EDUCATION
(4.5 quarter units)

Preparation for the Major
(3 courses; 13.5 quarter units)

BST 322 Intro to Biomedical Statistics

NSG 280 Human Lifecycle Development
Prerequisite: ENG 100, ENG 101, PSY 100

HTM 310 Health Informatics

Nursing Core Courses
(27 courses; 100.5 quarter units)

NSG 302 Professional Nursing Issues
Prerequisite: Admission into the Bachelor of Science in Nursing or have a LVN/LPN License. For Generic BSN Students, completion of all non-nursing courses is required to enroll in this course

NSG 211 Health Assessment (3 quarter units)
Prerequisite: NSG 302 with a minimum grade of C
Corequisite: NSG 211A with a minimum grade of S

NSG 211A Health Assessment Lab (1.5 quarter units)
Prerequisite: NSG 302 with a minimum grade of C
Corequisite: NSG 211

NSG 230A Patho/Pharm IA
Prerequisite: NSG 211, NSG 211A

NSG 200 Foundations of Nursing
Prerequisite: NSG 211 with a minimum grade of C and, NSG 211A with a minimum grade of S
Corequisite: NSG 200A

NSG 200A Foundations Clinical Lab
Prerequisite: NSG 211 with a minimum grade of C, NSG 211A with a minimum grade of S
Corequisite: NSG 200

NSG 215 Gerontological Nursing (3 quarter units)
Prerequisite: NSG 200 with a minimum grade of C, and NSG 200A with a minimum grade of S, or LVN/LPN License
Corequisite: NSG 215A

NSG 215A Gerontological Nsg Lab (1.5 quarter units)
Prerequisite: NSG 200 with a minimum grade of C, and NSG 200A with a minimum grade of S, or LVN/LPN License
Corequisite: NSG 215

NSG 332 Evidence-Based Practice
Prerequisite: BST 322

NSG 205 Medical-Surgical Nursing I
Prerequisite: NSG 215 with a minimum grade of C, and NSG 215A with a minimum grade of S
Corequisite: NSG 205A with a minimum grade of S

NSG 205A Medical-Surgical I Lab
Prerequisite: NSG 215 with a minimum grade of C, and NSG 215A with a minimum grade of C
Corequisite: NSG 205 with a minimum grade of C

NSG 330 Patho/Pharm II
Prerequisite: NSG 230A with a minimum grade of C, and NSG 230B with a minimum grade of C

NSG 320 Medical-Surgical Nursing II
Prerequisite: NSG 205 with a minimum grade of C, and NSG 205A with a minimum grade of S, or LVN/LPN License
Corequisite: NSG 320A

NSG 320A Medical-Surgical II Lab
Prerequisite: NSG 205 with a minimum grade of C, and NSG 205A with a minimum grade of S, or LVN/LPN License
Corequisite: NSG 320

NSG 326 Psychosocial Nursing
Prerequisite: NSG 320 with a minimum grade of C, or LVN/LPN License
Corequisite: NSG 326A

NSG 326A Psychosocial Nursing Lab (3 quarter units)
Prerequisite: NSG 330 with a minimum grade of C, or LVN/LPN License
Corequisite: NSG 326

NSG 336 Child-Bearing Family (3 quarter units)
Prerequisite: NSG 326 with a minimum grade of C, and NSG 326A with a minimum grade of S
Corequisite: NSG 336A

NSG 336A Child-Bearing Family Lab (3 quarter units)
Prerequisite: NSG 326 with a minimum grade of C, and NSG 326A with a minimum grade of S
Corequisite: NSG 336

NSG 335 Pediatric Nursing (3 quarter units)
Prerequisite: NSG 336 with a minimum grade of C, and NSG 336A with a minimum grade of S
Corequisite: NSG 335A

NSG 335A Pediatric Nursing Lab (3 quarter units)
Prerequisite: NSG 336 with a minimum grade of C, and NSG 335A with a minimum grade of S
Corequisite: NSG 335

NSG 413 Population Based Nursing (6 quarter units)
Corequisite: NSG 413A

NSG 413A Population Based Nursing Lab (3 quarter units)
Corequisite: NSG 413

NSG 414 Nursing Leadership (3 quarter units)
Corequisite: NSG 414A

NSG 414A Nursing Leadership Practicum (1.5 quarter units)
Corequisite: NSG 414

NSG 445 Quality Improvement/Proj Mgmt
Prerequisite: BST 322, NSG 332

NSG 450 Medical Surgical Nursing III
Prerequisite: NSG 445 with a minimum grade of C
Corequisite: NSG 450A

NSG 450A Med Surgical Nursing III Lab
Prerequisite: NSG 445 with a minimum grade of C
Corequisite: NSG 450

■ MASTER OF PUBLIC HEALTH

Faculty Advisor: Gina Piane; (858) 309-3474; gpiane@nu.edu

Modified Core Requirements

Core Requirements

(8 courses; 36 quarter units)

HCA 600	U.S. Healthcare System
COH 602	Biostatistics
COH 606	Epidemiology <i>Prerequisite: COH 602</i>
COH 604	Theories of Health Behavior
COH 608	Public Health & the Enviro
COH 611	Public Health Research Methods <i>Prerequisite: COH 602</i>
COH 500	Global Health Experience
or	
COH 691	Public Health Internship <i>Prerequisite: HCA 600, COH 602, COH 604, COH 606, COH 608, COH 611</i>
COH 692	Public Health Capstone <i>Prerequisite: COH 691</i>

■ MASTER OF SCIENCE IN NURSE ANESTHESIA

Faculty Advisor: Bryan Tune; (559) 256-4946; btune@nu.edu

Program Fees

Application Fee - \$60 (In addition to University Application fee)

Unit Fee - \$329.70 (In addition to tuition fee)

SCHOOL OF PROFESSIONAL STUDIES

Modified Programs

■ MASTER OF ARTS IN DIGITAL JOURNALISM

Faculty Advisor: Sara Ellen Amster; (714) 429-5311; samster@nu.edu

Modified Program Description, Program Learning Outcomes and New Course Addition

The goal of the Master of Arts in Digital Journalism is to prepare learners to become dynamic new media professionals capable of using emerging technologies to generate, create and disseminate news and analysis in a competitive, fast-moving global information environment. The changing nature of 21st century journalism requires professionals who are ready to answer the call for more highly skilled news and communication practitioners in the 24-hour information-on demand cycle. The program covers theoretical and practical approaches to news coverage and packaging and contemporary business and marketing models relevant to news organizations.

The entire program is offered online with coursework that marries non-traditional multimedia skills with professional journalistic practices, legal underpinnings and the ethics of traditional journalistic practice. Other classes include computer-assisted reporting, the business of journalism, producing online publications, investigative reporting and international

reporting. In the capstone, students will be matched with mentors in professional media and communication fields based upon their interests. Students also create an electronic portfolio designed to help them gain employment and build their career as a professional journalist.

Graduates will acquire a host of intellectual, managerial and journalistic skills including: an understanding of emerging media business models; the ability to create original enterprise projects about public issues, events and individuals; the knowledge to engage in public journalism by conducting polling, interviewing and interactive audience research; the training to develop, implement and evaluate appropriate strategies of investigative journalism using the Web for both research and presentation; and professional instruction in the foundations of shoe-leather journalism, as well as story-generation and reporting.

Applicants must already possess a Bachelor of Arts degree and should be able to write in English at an advanced level, and be flexible enough to learn the latest technological skills that new media professionals need to survive. Applicants must prove basic competency in digital video and audio skills or take JRN 502, Essential Digital Competencies prior to JRN 610 Backpack Digital Audio & Video. If a student's writing skills need improvement, he or she may be required to enroll in a remedial writing class before continuing in the program. Applicants for whom English is a second language are encouraged to take the Accuplacer English test. Contact the program lead faculty for more information.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Develop digital informational content (text, graphics, audio, video) for dissemination across multiple media platforms.
- Evaluate the effect of information and knowledge management structures on accuracy and reliability in news media publications.
- Employ emerging media practices within ethical and legal boundaries.
- Create interactive online publications for a global audience.
- Evaluate contemporary business and marketing models used by media journalists to disseminate news products.
- Analyze news and information gathered from computer databases.
- Compare past and present trends in news writing, reporting, and editing.

Degree Requirements

(15 courses; 64.5 quarter units)

To receive a Master of Arts in Digital Journalism students must complete at least 63 quarter units of graduate work, of which a minimum of 49.5 quarter units must be taken in residence at National University. Students can transfer up to 13.5 quarter units at the graduate level from a regionally accredited institution provided the units have not been used to satisfy the requirements of an awarded degree and the Faculty Advisor determines the course content is applicable to the program. Students wishing to transfer credits into the program should contact the program faculty advisor. Refer to the section in the graduate admission requirements for additional specific information regarding application and evaluation. The capstone in this program will be developed individually with the advisor and may include an internship in a student's home community or one arranged through National University's student publication.

Program Prerequisites

(1 course; 1.5 quarter units)

JRN 502 Essential Digital Competencies (1.5 quarter units)

Students who feel they have met the competencies of this class should

speak to the Faculty Advisor regarding the requirements needed to submit a waiver.

Core Requirements

(14 courses; 63 quarter units)

JRN 600	The New News
JRN 605	Advanced Non-Fiction Writing
JRN 610	Backpack Digital Audio & Video <i>Prerequisite: JRN 502</i>
JRN 615	International Reporting
JRN 620	Online Publishing
JRN 630	Professional Editing
JRN 640	Emerging News Business Models
JRN 645	Marketing the News
JRN 650	Computer-Assisted Research
JRN 655	Communication Law
JRN 656	Ethics in the New Media World
JRN 660	Investigative Methods
JRN 670	Producing Enterprise Projects
JRN 680	Capstone Project

COURSE DESCRIPTIONS

ART - Art

ART 100 Introduction to Art History

Prerequisite: ENG 100, ENG 101

Survey of the main periods in art history, with emphasis on the complex relationship between art and society. Explores the development of Western art from Prehistoric to Contemporary.

BIM – Business Information

BIM 600 Human Computer Interaction

The theory and practices of Human-Computer Interfaces (HCI) from information systems angle are discussed. Various industry and web HCI designs will be evaluated from the user-centered perspective utilizing information systems. Rapid prototyping and comparative evaluation of design are essential parts of this course. In addition, users' expectation of interface design, interaction and usability components and user-centered HCI evaluation and development will be covered.

BIM 606 Info Mgmt for Leaders

Focus on the strategic role of information technology (IT) in today's dynamic organizations. Emphasis is placed on the application of IT strategies to align to the organization's strategic planning, customer analysis, rapid decision-making, and problem solving. Topics will include: (a) harvesting information as organization asset; (b) prioritizing the gaps between where the organization is today and where it needs to be in the future; (c) integrating information into the vision, goals, and mission of organizations; (d) using advanced IT to implement change; and (e) analyzing information to achieve competitive advantage. Technical skills needed in storing, updating, and retrieving information, building, and using Web-based applications and business forecasting will also be covered.

BIM 610 Strategic Decision Systems

An overview of the methodologies and expert system and mind mapping software used by Strategic and Middle Management. The topics include; the mastering of the process of Mind Mapping, which allows executive and strategic managers to project and modify their thoughts to reach effective decision making. Collaborate and support their decision with other stakeholders to maximize the organization's strategic goals and objectives.

BIO – Biology

BIO 169A - General Biology Lab

Prerequisite: BIO 161, BIO 162, BIO 163

Laboratory course in general biology intended for science majors. Topics include the application

of the scientific method, examination of cellular processes (eg. respiration, photosynthesis, mitosis, meiosis), Mendelian genetics, operation of basic laboratory equipment, taxonomic classification, and investigations of structure and function of prokaryotes, protists, fungi, plants, and animals.

BIO 305 - Genetics

Prerequisite: BIO 161, BIO 162, BIO 163, BIO 169A, CHE 141, CHE 142, CHE 143, HE 149A
Principles of genetics and heredity. Topics include DNA replication and repair, gene expression and regulation, inheritance of traits, genetic engineering, relationship of genetics to human health, and application of genetics to understanding the evolution of species

BIO 310 - Evolution

Prerequisite: BIO 161, BIO 162, BIO 163, BIO 169A

Evolutionary biology. Topics include the history of life, fossil record, causes of microevolution (including natural selection and mutation), macroevolutionary processes (including speciation and extinction), evolutionary genetics and developmental biology ("evo-devo"), phylogeny construction and taxonomy.

BIO 330 - Ecology

Prerequisite: BIO 161, BIO 162, BIO 163, BIO 169A, CHE 141, CHE 142, CHE 143, CHE 149A

A study of the relationship of plants and animals to their environment and to one another. Emphasizes populations, the population-community interface and community structure and interactions within the ecosystem.

BIO 406 - Cellular Biology

Prerequisite: BIO 161, BIO 162, BIO 163, BIO 169A, CHE 141, CHE 142, CHE 143, CHE 149A

Corequisite: BIO 406A

An introduction to cellular biology, including fundamentals of cell structure and function, inter- and intracellular communication through signaling and signal transduction, cell growth and energy generation through aerobic respiration and photosynthesis.

BIO 406A - Cellular Biology Lab

Prerequisite: BIO 161, BIO 162, BIO 163, BIO 169A, CHE 141, CHE 142, CHE 143, CHE 149A

Corequisite: BIO 406

This course emphasizes techniques essential to cellular biology, including cell culturing, protein extraction, and western blots.

BIO 407 - Molecular Biology

Prerequisite: BIO 161, BIO 162, BIO 163, BIO 169A, CHE 141, CHE 142, CHE 143, CHE 149A

Corequisite: BIO 407A

An introduction to molecular biology focusing on gene structure, organization, regulation

and expression. Topics in genetic engineering and genome evolution are covered, as well as DNA replication, recombination, transcription and post-transcriptional mechanisms in both eukaryotic and prokaryotic cells.

BIO 407A - Molecular Biology Lab

Prerequisite: BIO 161, BIO 162, BIO 163, BIO 169A, CHE 141, CHE 142, CHE 143, CHE 149A

Corequisite: BIO 407

This course emphasizes techniques essential to molecular biology including DNA extraction, purification and quantification; polymerase chain reactions; and restriction enzyme digestion.

BIO 414 - Invertebrate Zoology

Prerequisite: BIO 161, BIO 162, BIO 163, BIO 169A, CHE 141, CHE 142, CHE 143, CHE 149A

Corequisite: BIO 414A

Comparative study of invertebrates: taxonomy, structure, physiology, reproduction, evolution, and behavior.

BIO 416 - Vertebrate Zoology

Prerequisite: BIO 161, BIO 162, BIO 163, BIO 169A, CHE 141, CHE 142, CHE 143, CHE 149A

Corequisite: BIO 416A

Study of the life of Vertebrates integrating the anatomy, physiology, ecology, evolution and behavioral adaptations that enable them to survive effectively in their natural environment.

BIO 440 - Botany

Prerequisite: BIO 161, BIO 162, BIO 163, BIO 169A, CHE 141, CHE 142, CHE 143, CHE 149A

Plant biology, including structure, function, evolution, taxonomy, and diversity of major groups of plants.

CED – Counselor Education

CED 631 School Counseling Practicum (1.5 quarter units)

Focus on the integration and practical application of counseling skills and conceptual frameworks to create strategies to individually assist students with concerns in the areas of personal, social, educational and career development. This course contributes to the counseling proficiency component of the program and is required of all candidates enrolled in the Educational Counseling program.

CHE - Chemistry

CHE 149A General Chemistry Laboratory (1.5 quarter units)

Prerequisite: CHE 143

Augments student understanding of important concepts in chemistry through hands-on experiments. Students will become proficient

in advanced chemistry laboratory techniques, will learn how to operate modern instruments, will acquire the necessary skills to collect data accurately and to perform error analyses.

CHE 150 Introductory Organic Chemistry

Prerequisite: CHE 101 and CHE 101A or CHE 141 and CHE 142 and CHE 143 and CHE 149A

Introduction to the fundamentals of organic chemistry. This course covers the properties and reactions of hydrocarbons and their functional groups, aromatic compounds, and biological molecules. Special efforts are made in demonstrating the interrelationship between organic chemistry and other areas of science, particularly biological, health, and environmental sciences.

CHE 350A Organic Chemistry I Lab (1.5 quarter units)

Prerequisite: CHE 350 with a minimum grade of C

Students will learn how to apply common laboratory techniques to determine the structure and the chemical properties of alkanes, alkenes, alcohols, alkyl halides, acids and esters. The experiments will be done on a small scale approach or microscale. Contact hours for this laboratory course (45) are based on a 3:1 ratio, i.e. 3 Lab hours= 1 lecture hour equivalent.

CHE 351A Organic Chemistry II Lab (1.5 quarter units)

Prerequisite: CHE 351 with a minimum grade of C

Recommended: Prior completion of CHE 350A with a minimum grade of C

Students will apply laboratory techniques learned in CHE350A to synthesize, purify and identify organic compounds including alcohols, aldehydes, aromatics, ketones, ethers, esters, amides and amines. The experiments will be done on a small scale approach or microscale. Contact hours for this laboratory course (45) are based on a 3:1 ratio, i.e. 3 Lab hours= 1 lecture hour equivalent.

CIS - Information Systems

CIS 421 - Enterprise Architecture

Prerequisite: CIS 301

Explores the design, selection, implementation and management of enterprise IT solutions. The focus is on applications and infrastructure and their fit with the business. Students learn frameworks and strategies for infrastructure management, system administration, data/information architecture, content management, distributed computing, middleware, legacy system integration, system consolidation, software selection, total cost of ownership calculation, IT investment analysis, and emerging technologies.

CIS 422 - IT Infrastructure

Prerequisite: CIS 421

An introduction to IT infrastructure issues for students majoring in Information Systems. It covers topics related to both computer and systems architecture and communication networks, with an overall focus on the services and capabilities that IT infrastructure solutions enable in an organizational context. It also prepares the students for organizational roles that require interaction with external vendors of IT infrastructure components and solutions. The course focuses strongly on Internet-based solutions, computer and network security, business continuity, and the role of infrastructure in regulatory compliance.

CIS 423 - IS Strategy, Mgt & Acquisition

Prerequisite: CIS 422

This course takes a management perspective in exploring the acquisition, development and implementation of plans and policies to achieve efficient and effective information systems. Students will address topics relating to defining the IS infrastructure and the systems that support the operational and strategic needs of the organization. The course examines developing a framework that will allow leaders of organizations to assess existing IS infrastructures and emerging technologies as well as how these technologies affect organizational strategy.

COH - Community Health

COH 500 Global Health Experience

Exploration of the healthcare system and public health issues facing global communities. Tour location and experience the healthcare, economic, political, legal, and cultural environment of a host country. Development of thorough knowledge of global public health through combination of pre-departure study, on-site lectures and presentations by host country experts and healthcare leaders, post-tour analysis and reflection.

EDT - Education Technology

EDT 695 Capstone Project

EDT695 is the final class in the MS in Educational and Instructional Technology program. Under the supervision of a faculty member, students complete a Capstone Project and accompanying report. This course is two months long. Students meet weekly via voice/web with a faculty supervisor. Grading is by H, S, or U only. Course is eligible for an "IP" grade.

ENM - Engineering Management

ENM 607A Capstone Course I

Prerequisite: All core classes in program.

Focus on the application of application of

engineering processes learned through this program. Working in teams or as individuals under the guidance of their assigned faculty advisor, students select a research topic, and gather data. The duration of this course is one month. This is the first part of two course series that each student has to complete sequentially. Grading is H, S, or U only.

ENM 607B Capstone Course II

Prerequisite: ENM 607A

Continuation of ENM 607A project course. Specific focus is on the analysis of the data collected including problem solutions. Students present their research in both written and oral form to the client organization, if applicable, and to other students and faculty. The duration is two months. This is the second part of two course series that each student has to complete sequentially. Failure to complete this second course successfully require students to repeat ENM607A and ENM607B again. Grading is H, S, or U only. Course is eligible for In Progress (IP) grade.

FFL - Foundations for Learning

FFL 100 Foundation to Academic Success

The course is designed to help students meet college expectations and achieve their academic goals. Students will be introduced to the information, skills, and attitudes necessary for college success and lifelong learning and development. Focus will be on strategies for academic success, including time management, study skills, effective test taking, and participating in a scholarly community.

JRN - Journalism

JRN 495 Capstone Project in Journalism

Prerequisite: JRN 310, JRN 330, JRN 335, JRN 340 or JRN 430, JRN 431, JRN 315

In this capstone course, students have a choice of producing a capstone project or engaging in an internship in the community where they live. Students in both cases must apply the knowledge and skills gained in other journalism courses to perform the following types of activities: • Write news stories • Produce news packages • Shoot videos for news or public affairs programs • Conduct interviews • Conduct research on current affairs or breaking news developments • Collect audio recordings for news or public affairs programs • Generate story ideas concepts for a newsroom • Participate in news meetings with editors, staff writers and/or producers All students must work with the program lead faculty in advance of the course to identify their area of interest. Students who elect the capstone project work with their capstone advisor to construct a long-form feature, investigatory news article (2,000 word minimum) suitable for a newsmagazine or online serial publication.

Video or radio projects may also be proposed. Students who choose the internship must work for no less than one month as apprentice journalists in a journalistic environment such as a newspaper, broadcast or web-based newsroom or multimedia facility. All students must produce a capstone portfolio consisting of their best work from this and previous courses and a reflective essay on the internship or project. Grading is by H, S, or U only.

JRN 645 Marketing the News

Exploration of the mechanisms of how newscasters achieve confidence and integrity in the public eye; the way stories are presented as “unbiased, impartial, honest, and fair”; and what factors contribute to this implied relationship between newsperson and audience.

LIT – Literature

LIT 311 British Literature I

Prerequisite: ENG 240 and LIT 100

A survey of important British authors and literary trends from Chaucer through the middle of the 18th century.

LIT 312 British Literature II

Prerequisite: ENG 240 and LIT 100

A survey of important British authors and literary trends from the late 18th century through the modern era, with a focus on Romantic, Victorian and Modernist writers and texts. Some attention will also be paid to colonial and post-colonial writing in English.

LIT 321 American Literature I

Prerequisite: ENG 240 and LIT 100

A survey of important American authors and literary trends through the late 19th century. Texts will be situated in relation to cultural, philosophical, social and historical contexts, e.g., Puritanism and its legacies, varieties of American Romanticism, debates over slavery and gender roles, formation of national identities.

LIT 322 American Literature II

Prerequisite: ENG 240 and LIT 100

A survey of important American authors and literary trends from the late 19th century through the present. Texts will be situated in relation to cultural, philosophical, social and historical contexts. Particular attention will be paid to the modernist canon and to works by women and authors of color that respond to American literary heritage and social conditions.

LIT 338 Shakespeare

Prerequisite: ENG 240 and LIT 100

An examination of major works of William Shakespeare.

LIT 345 Mythology

Prerequisite: ENG 240 and LIT 100

An examination of mythology. This course recognizes that myth-making is a creative activity

central to all cultures, including our own society. Students analyze and compare mythological narratives from a variety of cultures.

LIT 360 Literary Theory

Prerequisite: ENG 240 and LIT 100

A survey of major classical and contemporary arguments about the nature of literature, literary expression, and literary experience.

LIT 401 Contemporary Fiction

Prerequisite: ENG 240 and LIT 100

An upper-level seminar in contemporary fiction. Students will discuss and analyze major genres and movements in contemporary fiction, focusing on American fiction. Students will situate contemporary fiction in current political, cultural, historical and philosophical trends to better understand the relationship between fiction and the contemporary world.

LIT 402 Contemporary Poetry

Prerequisite: ENG 240 and LIT 100

A survey of important authors, movements, trends, and critical stances in contemporary poetry, with an emphasis on American poetry.

LIT 430 Children's Literature

Prerequisite: ENG 240 and LIT 100

Provides students with a foundation for teaching children to read and learn through reading. Students learn to identify the stages in reading development, select appropriate literary texts for diverse learners at each stage, analyze children's literary texts, and assess the literacy and language development of young learners.

LIT 443 World of the Short Story

Prerequisite: ENG 240 and LIT 100

A look at short stories. The reading list includes varieties of form and style in short fiction drawn from world literature and focuses on contemporary writing.

LIT 446 Studies in Poetry

Prerequisite: ENG 240 and LIT 100

Focused study of a particular theme, genre, period, or author.

LIT 450 Studies in the Novel

Prerequisite: ENG 240 and LIT 100

Focused study of a particular theme, genre, period, or author.

LIT 456: Studies in Drama

Prerequisite: ENG 240 and LIT 100

An examination of the conventions and varieties of dramatic texts and performance, focusing on drama of the 20th century. Includes discussion of both Western and non-Western traditions.

LIT 460 Gender and Literature

Prerequisite: ENG 240 and LIT 100

A study of the representations of gender in literature to better understand changing literary

aesthetics. Discusses assumptions about the ways gender permeates language and discourse.

LIT 480 Literature of the Americas

Prerequisite: ENG 240 and LIT 100

This course will provide students with a hemispheric perspective to the study of the literatures of the Americas. The readings will come from a variety of prominent 20th century U.S. and Latin American literary texts. All works will be read in English translation.

MAT – Master of Arts in Teaching

MAT 620 Multidimensional Education

Examination of the interconnection between geography, politics, history, and economic development in major regions of the world within a global context assessing the impact of these factors on education with specific emphasis on the U.S. educational system.

MAT 621 Impact of Culture & Language

Prerequisite: MAT 620

Students will develop an understanding of the ways in which cultural, religious and linguistic factors affect countries' choices of educational systems and educational priorities. The main focus of the course is the impact of these factors on education within global, regional and national contexts. Students will compare the impact of these factors on education in selected world regions with their influence on the U.S. educational system and some of the issues they face in classrooms.

MAT 622 Comparative Ed Systems

Prerequisite: MAT 621

Examination of the national and regional educational systems, approaches and theories, identify global trends, and theorize on a prospective system of education for the 21st century US school. Students will develop a comparative perspective of international educational ideas, traditions and systems and their relationships with U.S. education. Course investigates structure and organization of national educational systems, societal attitudes towards education, teacher preparation, instructional methodologies, student behaviors, collaboration with family and community.

MAT 623 Transformative Ed Practices

Prerequisite: MAT 622

Evaluation of current national and international developments in education and future challenges. Students will investigate global trends in education based on the analysis of factors affecting educational systems in individual nations and groups of countries, and synthesize them to develop a research-based, consistent and systemic understanding of 21st century education. This study will help formulate the most advanced, innovative and effective approaches for transforming US

schools in view of future challenges. This course will have two options, one to travel overseas to a selected country to study education first hand, and the other to conduct research in the student's area through interviewing international students and faculty about their educational systems. This course will conclude with the project demonstrating an application of innovative global education ideas in the student's school.

MKT - Marketing

MKT 430 Intro to Global Marketing

Prerequisite: MKT 302A

An introduction to the cultural environment of global markets, including such topics as cultural dynamics, management styles, and political and legal environments. Students learn how to assess global marketing opportunities as well as develop and implement strategies to capitalize on those opportunities.

MKT 480 Marketing Project

Prerequisite: Completion of 31.5 quarter units of upper-division core requirements and MKT 302A

A synthesis of the marketing knowledge gained in the undergraduate program as expressed through a professional research- or internship experience-based writing project overseen by a faculty member. Grading is S/U.

MKT 651 Mobile Marketing

Prerequisite: MKT 602

This course covers how mobile marketing is defining business today, including strategy, tracking ROI, advertising, applications and mobile websites. From text messaging to QR codes, consumer interactions with mobile devices, and the laws and ethics of mobile marketing are explored in this course.

MKT 653 Social Media

Prerequisite: MKT 602

This course gives a foundation to the practical business applications of social media in a marketing world. Through Facebook, LinkedIn, blogs, YouTube, Pinterest and other platforms, students discover that social media is for more than just making friends and that there are now only a few degrees of separation globally. Students learn that social media is about marketing at the right time, place and with the right message for existing as well as prospective customers with both legal and ethical behaviors.

MKT 660: Strategic Marketing Simulation

Prerequisite: MKT 602, MKT 620, MKT 631 and MKT 634

Students will participate in a group simulation activity and will have hands on "live" experience, making strategic marketing decisions that affect the business viability. Students master the marketing concepts of production, channels of

distribution, branding, promotion, segmentation, targeting, pricing and competition as they make decisions that affect the future profitability of the business entity.

MUL – Digital Entertainment and Interactive Arts

MUL 365 Digital Video Editing

Hands-on experience in advanced nonlinear editing. Assess the aesthetic impact of editing decisions and demonstrate proficiency with timing, continuity, music cuing, transitions, and the use of color. Focus is placed on the role of editing as means of showing a compelling story.

NSG - Nursing

NSG 200: Foundations of Nursing

Prerequisite: NSG 211 with a minimum grade of C and NSG 211A with a minimum grade of S.

Corequisite: NSG 200A

The beginning concepts of safe patient-centered care in a variety of healthcare settings are discussed. Communication skills, professional behaviors, and application of the nursing process are presented. Focus on the use of evidence-based practice and professional identity.

NSG 200A: Foundations Clinical Lab

Prerequisite: NSG 211 with a minimum grade of C and NSG 211A with a minimum grade of S.

Corequisite: NSG 200

Students are introduced to a variety of healthcare settings, with the focus on providing safe patient-centered care to a minimum of one patient. Students will use therapeutic communication skills, develop professional behaviors and apply the nursing process using current evidence, legal standards, and ethical principles. Grading is by S or U only.

NSG 205: Medical-Surgical Nursing I

Prerequisite: NSG 215 with a minimum grade of C and NSG 215A with a minimum grade of S.

Corequisite: NSG 205A

Introduction to the safe, patient-centered care of adult medical-surgical patients. An emphasis is placed on the utilization of the nursing process and evidence based practice when caring for patients with common problems that have predictable outcomes in a variety of health care settings. Concurrent enrollment in NSG 205A is required.

NSG 205A: Medical-Surgical I Lab

Prerequisite: NSG 215 with a minimum grade of C and NSG 215A with a minimum grade of S.

Corequisite: NSG 205

Practical application of the nursing process, integrating basic foundations of nursing practice, and providing safe patient-centered care based on clinical judgment for the adult experiencing commonly occurring medical-surgical conditions.

The student will use current evidence while providing care for 1-2 patients in a variety of health care settings. Grading is S or U only.

NSG 211: Health Assessment (3 quarter units)

Prerequisite: NSG 302 with a minimum grade of C.

Corequisite: NSG 211A

Introduction to foundational concepts of health assessment to systematically gather and analyze data using a patient-centered care approach. Concepts include obtaining a health-history, using therapeutic interviewing skills, performing a comprehensive head-to-toe and problem-focused physical exam, the sociocultural influence, and application of related current evidence. This course is 30 contact hours.

NSG 211A: Health Assessment Lab (1.5 quarter units)

Prerequisite: NSG 302 with a minimum grade of C.

Corequisite: NSG 211

Practical application of a holistic patient-centered approach to health assessment as a basis for providing safe, quality nursing care. Students will practice the concepts learned in NSG 211A. Current evidence will be sought to demonstrate sociocultural variations on health assessment. Grading is S or U only.

NSG 215: Gerontological Nursing (3 quarter units)

Prerequisite: NSG 200 with a minimum grade of C and NSG 200A with a minimum grade of S, or a LVN/LPN License

Corequisite: NSG 215A

Physiological and psychosocial factors affecting the health of older adults will be emphasized. Health promotion and safe nursing care will be founded on evidence-based practice principles. Role of the professional nurse and interdisciplinary team in managing special healthcare issues of older adults is emphasized.

NSG 215A: Gerontological Nsg Lab (1.5 quarter units)

Prerequisite: NSG 200 with a minimum grade of C and NSG 200A with a minimum grade of S, or LVN/LPN License

Corequisite: NSG 215

Practical application of the nursing process to provide safe patient care and health promotion for older adults. Students will develop clinical judgment based on best practices to ensure culturally competent care. Emphasis on improving the quality of life and care for older adults in a variety of health care settings. Grading is S or U only.

NSG 230A: Patho/Pharm IA

Prerequisite: NSG 211 with a minimum grade of C and NSG 211A with a minimum grade of S.

Nursing implications related to pharmacodynamics and pharmacokinetics for the safe use of drug therapy for adult patients are discussed. Prototype drugs for each classification will be used to illustrate

drug actions, side effects, contraindications and precautions. The etiology, pathogenesis, clinical presentation, and pharmacological disease management will also be discussed.

NSG 280: Human Lifecycle Development

Prerequisite: ENG 100, ENG 101, PSY 100

Introduction to the physical, psychological, and social growth and changes affecting individuals during the stages of the lifecycle including infancy, childhood, adolescence, adulthood, and old age. Theoretical underpinnings and associated developmental tasks of each stage of the lifecycle are included. Application of health promotion concepts to growth and development, especially caregiving concepts, are emphasized.

NSG 302: Professional Nursing Issues

Admission into the Bachelor of Science in Nursing or have a LVN/LPN License. For Generic BSN Students, completion of all non-nursing courses is required to enroll in this course.

Introduction to nursing professional issues, including scope and standards of nursing practice, social policy in nursing, ethics, health care regulation and legal issues in professional practice. Students begin study of patient safety and holistic and patient-centered care concepts as they develop a professional identity.

NSG 320: Medical-Surgical Nursing II

Prerequisite: NSG 205 with a minimum grade of C and NSG 205A with a minimum grade of S, or LVN/LPN License
Coresquisite: NSG 320A

Overview of the pathophysiology, nursing process and collaborative management of patients with co-morbid or complex health problems with unpredictable outcomes. Students learn concepts that continue the development of nursing judgment based on current evidence to provide safe, high-quality patient care. Concurrent enrollment in NSG 320A is required unless approved by the Department Chair.

NSG 320A: Medical-Surgical II Lab

Prerequisite: NSG 205 with a minimum grade of C and NSG 205A with a minimum grade of S, or LVN/LPN License
Coresquisite: NSG 320

Practical application of the nursing process with increasing degree of skill. Emphasis is on advancing nursing judgment, refining professional identity, and continuing to provide sound evidence-based nursing care to adults with complex health problems. Students also apply concepts of delegation and supervision. Grading is S or U only.

NSG 326: Psychosocial Nursing

Prerequisite: NSG 320 with a minimum grade of C or LVN/LPN License
Coresquisite: NSG 326A

Introduction to evidence-based concepts related to major psychiatric diagnoses that occur across the lifespan. The focus is using the nursing process to provide safe patient-centered care in a variety

of care settings with commonly occurring mental health disorders. Emphasis is on mental health specific interventions, behavior management, and therapeutic communication.

NSG 326A: Psychosocial Nursing Lab

Prerequisite: NSG 330 with a minimum grade of C or LVN/LPN License
Coresquisite: NSG 326

Practical application of the nursing process and integrate basic mental health concepts to provide safe, compassionate, collaborative care for patients with commonly occurring mental health illnesses in a variety of settings. Use of best evidence and therapeutic communication techniques for behavioral management in mental health will be emphasized. Grading S or U only.

NSG 330: Patho/Pharm II

Prerequisite: NSG 230A with a minimum grade of C.

Continuing examination of the pharmacologic classifications commonly used for patients with multi-system, complex or emergent health problems. Prototype drugs will be used to illustrate drug actions, side effects, contraindications, precautions and nursing. Content will include etiology, pathogenesis, clinical presentation, and pharmacologic management.

NSG 335: Pediatric Nursing (3 quarter units)

Prerequisite: NSG 336 with a minimum grade of C and NSG 336A with a minimum grade of S.
Coresquisite: NSG 335A

Examination of nursing care related to health needs of patients from infancy through adolescence and their families. Emphasis is placed on developing nursing judgment based on evidence to promote health and provide care for pediatric patients with common health variations related to behavioral, genetic, cultural, physiological, environmental, and developmental factors.

NSG 335A: Pediatric Nursing Lab (3 quarter units)

Prerequisite: NSG 336 with a minimum grade of C
Coresquisite: NSG 335

Practical application of knowledge and skills required for nursing care children and their families. The students will care for the child and family as a unit, considering behavioral, developmental, physiological, cultural and environmental factors. Grading is S or U only.

NSG 336: Child-Bearing Family (3 quarter units)

Prerequisite: NSG 326 with a minimum grade of C and NSG 326A with a minimum grade of S.
Coresquisite: NSG 336A

Introduction to the unique needs of reproductive families during preconception, perinatal, postpartum, and neonatal periods. Foci include the tasks of pregnancy, biophysical and psychosocial adaptation to pregnancy and childbirth. Emphasis on use of current evidence supporting nursing

judgment, safe practice and culturally competent care of patients and families.

NSG 336A: Child-Bearing Family Lab (3 quarter units)

Prerequisite: NSG 326 with a minimum grade of C and NSG 326A with a minimum grade of S.
Coresquisite: NSG 336

Practical application of nursing judgment and integration of obstetric nursing concepts to plan and provide safe, patient-centered, culturally competent care for clients and families. Students use current evidence to plan and implement individualized patient care. Grading is S or U only.

NSG 450: Medical Surgical Nursing III

Prerequisite: NSG 445 with a minimum grade of C.

Coresquisite: NSG 450A

Continuing examination of the safe patient-centered care and collaborative management of patients with multi-system and complex healthcare needs. An emphasis is placed on refining the use of the nursing process and incorporating evidence based practice. NCLEX preparation and the capstone project are included.

NSG 450A: Med Surgical Nursing III Lab

Prerequisite: NSG 445 with a minimum grade of C.

Coresquisite: NSG 450

Practical application of care for adult patients experiencing multi-system and complex medical conditions. The nursing process will be used to achieve best patient outcomes, grounded in evidence, which emphasize safety and prioritization of care through collaboration with other members of the health care team, patients, and their families. Grading is S or U only.

PGM – Professional Golf Management

PGM 444 Instruction/Player Develop.

Survey of major concepts on coaching, instruction, and player development. Topics will range from exploring the philosophy of teaching, how fitness relates to the golf performance, and the use of technology to improve teaching and performance.

PHS – Physics

PHS 179A - General Physics Lab

Prerequisite: PHS 171, PHS 172, PHS 173
General physics lab course for science majors. Includes lab practicum in major concepts of general physics: one and two-dimensional kinematics, work and energy, electric current, oscillations, and geometric optics.

PSY 428 Developmental Psychology

Prerequisite: ENG 100, ENG 101 and PSY 100

A study of the major transitions from fetal development through death in the physical, cognitive, social and emotional domains. The impact of ethnic, gender and cultural factors on development will be examined.

PSY 611A Counseling Paradigms I

Prerequisite: Bachelor's Degree in Psychology or PSY 501A and PSY 501B

This course provides an overview of major current and evolving paradigms of psychotherapy and how they influence counseling theory and practice. Students acquire core skills related to effective therapeutic communication and to the therapist's role in promoting exploration, insight, and behavior change.