

**UAB Plans for New Instructional Program Development  
2013 through 2020  
New Academic Degree Programs**

(updated 04 24 17)

Year	CIP Code	UAB College/School/Unit	Degree to be Offered	Description	UAS Category (see codes page 7)
2013-14	24.0102	CAS	General Studies, BGS	This degree will be an interdisciplinary program that allows students to design a general curriculum that meets their individual goals.	A: August 2016
2013-14	30.2301	EDU	Educational Studies in Diverse Populations, PhD	This program will explore diversity issues in education related to areas such as culture, language, disability, gender ethnicity, sexual orientation, urbanicity, and socio-economic status and will prepare students for academic careers and other education leadership positions.	A: August 2016
2013-14	51.0905	HP	Nuclear Medicine Technology, MS	This professional practice degree will prepare graduates who complete diagnostic evaluations and therapeutic applications using nuclear medicine technology and molecular imaging technologies.	A: August 2015
2013-14	26.0102	HP	Biomedical and Health Sciences, MS	This degree will deliver focused courses and experiences that will prepare students for admission to graduate health professions programs.	A: June 2015
2013-14	26.0102	HP	Healthcare Quality and Safety, MS	The program will prepare individuals to design and conduct clinical and non-clinical process improvement and patient safety projects in complex medical environments.	A: January 2015
2014-15	45.0299	CAS	Anthropology of Peace and Human Rights, MA	This program will provide students with a critical and conceptual understanding of the theory and practice of human rights, sustainable peace, and justice studies.	A: January, 2017
2014-15	11.0101	CAS	Computer & Information Science, BA	This program will prepare students with diverse academic backgrounds in science, business, arts, and humanities with requisite knowledge and skills for entering the computer science workforce.	A: August, 2016
2014-15	43.0116	CAS	Digital Forensics, BS	This program will prepare students to pursue careers in forensic and cyber-related areas with applications to the digital economy, critical infrastructure protection, and homeland security.	A: January, 2017
2014-15	51.1503	CAS	Clinical/Medical Social Work, MSW	This program will train students with the specialized skills necessary for careers in settings focused on health and mental health services.	B: Anticipated Start is August 2017
2014-15	52.1001	CSOB	Human Resource Management, BS	The program will offer comprehensive training to students interested in careers in human resources. Coursework will emphasize the strategic application of HR principals and practices.	A: August, 2016
2014-15	13.0604	EDU	School Psychometry, MA	This program will prepare individuals to conduct, analyze, and interpret psychological, cognitive, academic, and other educational assessments for infants, children, and youth and will provide in-depth preparation in the areas of assessment, consultation/collaboration, and educational intervention/support.	A: June, 2016
2014-15	13.0301	EDU	Instructional Design and Development, MS	The program is designed to integrate knowledge of learning theory and trends in education technology, instructional design principles, universal design and usability for effective design, development, and delivery of learning materials in a range of learning environments.	B: Anticipated Start is August 2017
2014-15	51.2205	HP	Health Physics, MS	This program will prepare experts in radiation safety for employment in industry and healthcare. Will include a track in Medical Physics which specializes in radiation safety in hospital settings. (Expected collaboration with Dept. of Physics, School of Medicine, and the Radiation Safety Division of UAB's Occupation Health and Safety.)	A: August, 2016
2014-15	26.0801	SOM, CAS	Genetics and Genomic Sciences, BS	This program will train students in the areas of genetics and genomic sciences and provide them with the academic, intellectual, and research skills necessary to be highly competitive for professional schools or health-related science careers in academia, government, industry, and the private sector.	B: Anticipated Start is August 2017
2014-15	26.0507	SOM, CAS	Immunology, BS	This program will train undergraduate students in the principles related to microbial physiology, host-pathogen interface, and the study of normal and pathophysiological processes that cause disease.	A: August, 2016
2015-16	26.1103	CAS,PH,HP	Bioinformatics, BS	This program will provide students with a marketable degree specifically in bioinformatics. Bioinformatics graduates will be well prepared to assist health professionals in analyzing large-scale datasets resulting from genome sequencing projects or genome-wide association studies.	I
2015-16	45.1101	CAS	Medical Sociology, BS	This will be a research-focused program designed for students seeking a scientific methodical approach to medical sociology.	B: Anticipated Start is August, 2017
2015-16	51.3818	SON	Doctor of Nursing Practice Distinctive and Collaborative, DNP	This program builds upon our more than 15 advanced specialty tracks currently offered in the master's program at UAB for nurse anesthetists, nurse practitioners, clinical nurse specialists and nurse administrators. The DNP is a practice-focused terminal degree to prepare graduates to practice at the highest level in specialty practice or to assume leadership positions in health care or nursing education.	A: August 2016

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2015-16	11.0401	CAS, CSOB	Big Data Analytics, MS	The proposed program would offer students and professionals a degree program focused on both business intelligence and computational skills needed for solving problems in today's data-centric workplace. Students will be equipped with essential skills in analytics, including critical skills for collecting and managing big data, the fundamental techniques for quantitative analysis of massive datasets, and skills with implementing efficient solutions to business problems using the most appropriate software development tools available.	G
2016-17	51.1099	HP	Clinical Pathologist Assistant, MS	This masters degree program will develop competencies for graduates to assist pathologists in performance and review of specialized laboratory procedures; generation and interpretation of laboratory data and clinical pathology correlations.	G
2016-17	14.9999	EGR, CSOB	Engineering Management, MS	This program builds on the technical and analytical skills developed in an undergraduate engineering degree program and provides an integrated real-world framework for their application using master's level business management tools.	K
2016-17	51.2306	HP	Occupational Therapy, OTD	This online doctoral program will serve as the post-professional practice degree in occupational therapy. [Will replace existing post-professional MS.]	D
2016-17	30.0601	HP	Healthcare Simulation, MS	The Master of Science in Healthcare Simulation (MSHS) is a graduate degree offering advanced training in simulation teaching, health system integration, program administration, and the fundamentals of simulation research in an interprofessional	G
2017-18	26.0908	EDU	Clinical Exercise Physiology, PhD	This program will train students with the specialized skills necessary for academic, research, or clinical careers in exercise physiology.	K
2017-18	26.1103	CAS, SOM, PH	Data Sciences, BS	These interdisciplinary programs (A&S with the UAB Schools of Medicine and Public Health) will train bioinformatics researchers for academia and industry; students will acquire knowledge in applied mathematics, informatics, statistics, computer science, chemistry and biology to become leaders in the field of bioinformatics and computational biology.	K
2017-18	13.9999	EDU	Educational Studies, MA	This will program will be a non-certification degree designed for adult learners who will pursue careers outside teacher education but desire the knowledge of creation of curriculum, instructional presentation strategies, and assessment techniques to be used in non-educational settings.	K
2018-19	14.0903	CAS / ENG	Software Engineering, MS	This program will provide students and professionals the skills and understanding required to construct high quality, very large software systems. Students will gain understanding of current and developing techniques to apply broad skills of engineering to the development of software products. In addition, students will further develop and enhance essential skills for effective communication both orally and in a written form as needed in the software industry to communicate effectively with clients and colleagues.	K
2018-19	52.0701	CSOB	Entrepreneurship, BS	This degree will provide depth for undergraduates developing an entrepreneurial mindset. The degree will focus on tools and skills needed for start-ups and the commercialization of intellectual property.	K
2018-19	13.0406	EDU	Higher Education Administration, MA	This degree will prepare students for administrative positions in institutions of higher education.	K
2018-19	09.0702	CAS	Media Studies, BA	This program will educate students in the fundamentals of media and digital production, cultivating interdisciplinary adaptability to emerging media trends and industry transformations.	K
2018-19	52.0901	CSOB	Hospitality Management, BS	In order to prepare undergraduate students for the challenging environment of hospitality, this major will include the foundational business curriculum as well as specialized and experiential academic work to manage in all aspects of the hospitality industry.	K
2018-19	52.1499 or 31.0504	CSOB	Sports Business/Marketing, BS	A comprehensive study of the business of sports to include foundational business core and event management and marketing of sports program.	K
2018-19	15.501	SOE	Information Engineering Management, MIEM	The Master of Information Engineering Management program is designed for working professionals in information technology and engineering.	K
2018-19	14.3301	SOE	Construction Engineering Management, MCEM	The Master of Construction Engineering Management program is designed for working professionals in the construction engineering industry.	K
2018-19	15.1501	SOE	Advanced Safety Engineering Management, MASEM	The Master of Advanced Safety Engineering and Management program is designed for working safety professionals. With a theme of "Prevention through Design" the program focuses on current best practices in safety engineering.	K
2019-20	51.2306	HP	Occupational Therapy, OTD Track, entry level therapist, MS	This track in the OTD will be proposed to replace the existing entry-level MS as the professional discipline migrates to doctoral entry.	K

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2019-20	26.407	SOM / CDIB	Anatomical Sciences Education, MS	This program will provide students with a thorough and comprehensive understanding of gross anatomy, histology, neuroanatomy, and embryology; prepare students for future careers in anatomical sciences education through participation in additional courses focused on theory and practice of adult education; and develop graduates who are professional, ethical, and have the requisite analytical and communication skills to facilitate successful careers in college-level education.	I
2019-20	51.9999	SHP	Health Services Research, MS	This degree is intended to recognize completion of the core research component of the PhD in Administration-Health Services and would be awarded to all students who complete the requirements. Students who are unable to complete the specialty focus and the dissertation component of the PhD could still earn a relevant master's degree.	K

**UAB New Academic Certificate Programs (updated 04 24 17)**

**2016 through 2019**

<b>Level</b>	<b>Certificate to be Offered</b>	<b>Description</b>	<b>College/ School</b>
Graduate	Sustainable Smart Cities	This certificate will train graduates to apply sustainability principles to planning, design, operation, and renovation. Emphasis will be on resource efficiency, environmental protection, waste elimination, and system safety.	EGR
Graduate	Healthcare Data Analytics	This certificate will provide specialty coursework in database and database management, healthcare business intelligence, and data analysis to prepare individuals to extract, combine, manipulate, interpret, and display data for organizational decision making.	HP
Graduate	Healthcare User Experience	This certificate will provide specialty coursework in human-computer interaction and user experience techniques to prepare individuals to design secure, effective, and usable technology for patients and clinicians.	HP
Graduate	Community-based Practice for Physician Assistants	Special topic coursework relevant to providing primary care in non-urban settings.	HP
Graduate	Healthcare Quality Data Analytics	Focused coursework to build robust analytics and big data management skills to improve the quality and safety of patient care. Associated with the MS in Healthcare Quality and Safety.	HP
Graduate	Health Education	This certificate program, which aligns with the National Commission of Health Education Credentialing (NCHEC) core competencies, enhances the knowledge and skills of practicing health educators so they may better assess, plan, implement, and evaluate health education interventions.	EDU
Undergraduate	Accounting	This certificate will recognize post-graduate students who have successfully completed a rigorous program of 8 undergraduate accounting courses.	CSOB
Undergraduate	Enterprise Systems	The objectives of the Enterprise Systems certificate are to help our students and working professionals advance in their careers by improving their understanding of how to provide organizational solutions based upon mainframe technologies. Our emphasis is on the application of best practices in mainframe computing, to serve those currently working in mainframe IT organizations, and to prepare a new generation of professionals adept at mainframe computing build the skills needed to succeed in mainframe careers.	CSOB
Graduate	International Pediatric Dentistry	This certificate program will be offered to foreign dental professionals who have received a DMD/DDS/BDS or equivalent wishing to pursue additional training and clinical experiences in the United States.	Dentistry
Graduate	Business Analytics	To provide graduate students with the foundational understanding of business analytics and its use in a variety of organizational contexts.	CSOB
Graduate	Business Foundations	To provide non-business graduate students with a foundational understanding of business concepts and applications in a cross-disciplinary basis.	CSOB
Graduate	Esthetic Dentistry & Biomaterials	This certificate will offer training in a field of dentistry where the primary objective is to improving the visual appearance, location, and function of the teeth and jaws using leading edge synthetic biomaterials utilized in chairside dental applications.	Dentistry
Graduate	Cyber Security	To provide a professional, technical and policy view of cyber security challenges created by rapid advancements in information technology. Intended for students who are interested in training in the core areas of cyber security and digital forensics.	CAS
Undergraduate	Nonprofit Leadership	To provide students and working professionals with an understanding of nonprofit organization leadership and a framework for use of the latest management and strategic best practices to benefit organizational stakeholders, such as organizations, managers, employees, volunteers, boards, constituents, and partners.	CSOB

**UAB Plans for Online Programs  
2016 - 2019**

Degree to be Offered	Amount of Program to Be Available Online			
	24% or less	25-49%	50% or more	100% Online
BS in Accounting				X
M Ac in Accounting				X
BS tracks in Community Health and Human Services			X	
MAEd Physical Education				X
EdS Educational Leadership			X	
EdS tracks in Early Childhood/Elem Ed and PE				X
MAEd in Community Health (formerly proposed as Health Education)				X
MAEd in School Psychometry				X
BA in African American Studies	X			
BA in Anthropology	X			
BA in Communication Studies	X			
BS in Criminal Justice		X		
BA in English	X			
BA in Foreign Languages	X			
BA in Music	X			
BS in Physics	X			
BA in Political Science	X			
BS in Psychology				X
MPA in Public Administration	X			
BSSW in Social Work		X		
BA in Theatre	X			
MAEd in Special Education (Collaborative Teacher Concentration)			X	
MAEd in Reading Education				X
BS in Information Systems				X
MS in Management of Information Systems				X
BS in Finance				X
BS in Management				X
BS in Marketing				X
BS in Industrial Distribution				X
BS in Human Resource Management				X
MBA				X

**UAB Plans for Off-campus Sites  
2016 - 2017**

Site Location & Address	Degree to be Offered	Amount of Program to Be Available at Site		
		24% or less	25-49%	50% or more
Crossroads Elementary	M.A.Ed & Ed.S in Educational Leadership(*closed 12/16)			x
Cullman Area Career Ctr	M.A.Ed & Ed.S in Educational Leadership			x
Enterprise City BOE	M.A.Ed in English as a Second Language			x
Etowah County BOE	M.A.Ed in English as a Second Language			x
Vestavia BOE	M.A.Ed in Special Education (Early Childhood SPED)	x		
Simmons Middle School	M.A.Ed and Ed.S. in Educational Leadership(*absorbed Crossroads 01/17)			x

### UA System Planning Stage Categories

[REVISED February 5, 2014]

A	Program was implemented on _____.
B	Program has received final approval by the UAS Board of Trustees and is awaiting implementation.
C	Proposal has been approved by ACHE and is awaiting review and final approval by the Board of Trustees.
D	Proposal is at ACHE and is awaiting review and approval.
E	Proposal has received initial approval by the Board of Trustees.
F	Proposal has completed campus and System reviews and is ready for consideration by the Board of Trustees and ACHE.
G	Proposal is expected to be completed by the campus and submitted for System review within the next twelve months.
H	Proposal is under development, but is not likely to complete campus review in the next twelve months.
I	Program NISP has been sent to the Alabama Commission on Higher Education (ACHE).
J	Program NISP has been sent to the Board of Trustees.
K	Program is still in early planning stages. It has not been reviewed by the campus. Appearance on the list is merely an indication that the possibility of a program is being considered.