

APPLICATION FOR ADMISSION

Interdisciplinary Self-Design Major, Bachelor of Arts (B.A.)

Major/Curriculum Code: 16IDSBA-16IDSSD (Plan effective term: Sum2 2015)

Interdisciplinary Studies ("IDS"), College of Humanities and Social Sciences

Campus Box 7107, North Carolina State University, Raleigh, NC 27695-7107

☒ Mark ("X") if applying to *change* your major to IDS Self-Design B.A.

☐ Mark ("X") if applying to *add* IDS Self-Design B.A. as an additional major.

Printed name of student: _____

Student ID Number: _____

Phone number: _____

Email address: _____@ncsu.edu

Present curriculum: _____

Class: Sophomore

Proposed title of IDS concentration: The Science and Culture of Speech

Signature of student: _____

Date: 7/11/15

Printed name of faculty sponsor/advisor: _____

Advisor's home department: Department _____

Advisor's campus address: _____

Box #: _____

Advisor's phone: _____

Email address: _____

Signature of advisor: _____

Date: 7/4/15

Mark ("X") if the student applicant is in one of these dual-degree programs

☐ Thomas Jefferson Scholars

☐ Benjamin Franklin Scholars

☐ Alexander Hamilton Scholars

Required application materials

- A completed application form.
- A description of your concentration. This explains how you became interested in the Self-Design path you want to follow. Mention academic and personal experiences that have led you to want to understand something in a way that can be achieved only with courses from different disciplines.

- A list of courses in your concentration. Please include course numbers, titles, and catalog descriptions.
- A list of learning outcomes with identification of the courses you will take to help you achieve the outcomes. Courses representing different disciplines will confirm the interdisciplinary approach to your learning.
- A semester-by semester plan showing how you expect to complete all of the courses required for your Interdisciplinary Studies Self-Design degree.
- A copy of your degree audit.
- A copy of your unofficial transcript.

MAJOR CONCENTRATION TITLE: The Science and Culture of Speech

I. MAJOR CONCENTRATION – DEPARTMENTAL REQUIREMENTS (27 credit hours and IDS 490*)

Number	Course Title	Hours	Grade**
A. Foundation Courses (9 hours)			
ANT 254	Language and Culture	3	
COM 385	Speech Science	3	
ENG 524	Introduction to Linguistics	3	A
B. Concentration Elective Courses (12 hours)			
COM 315	Phonetics	3	A+
COM 325	Anatomy and Physiology of Speech	3	IP
COM 335	Language Development	3	
SOC 207	Language and Society	3	
C. Concentration Advanced Elective Courses (400-level or higher, 6 hours)			
PSY 420	Cognitive Processes	3	
ENG 523	Language Variation Research Seminar	3	IP
D. IDS 490	Interdisciplinary Methods and Issues (Capstone)	3	

* In addition to IDS 490, 27 hours of courses with no more than 15 credit hours from a single discipline required (C- or better in each course). No more than 12 transfer hours allowed. Nine hours of foundation courses and at least six hours at the 400-level or higher required. At least 5 courses must be from the humanities and social sciences, including economics courses, courses on the General Education Program (GEP) Humanities and Social Sciences lists, with at least 3 courses offered by the College of Humanities & Social Sciences (H&SS). Proposals are to be reviewed by a faculty sponsor and approved by the IDS Self-Design committee.

**If you are currently enrolled in the course, put IP (In Progress) in this column. If you have not taken or are not taking the course now, leave this line blank.

II. COLLEGE OF HUMANITIES AND SOCIAL SCIENCES ("H&SS") REQUIREMENTS

Students are responsible for selecting courses required by the College of Humanities and Social Sciences. Courses should be carefully selected to meet each of the requirements listed below. While the major concentration courses listed above cannot be changed without written approval, you can make changes to the college and university required courses below as long as they meet the requirements. Please also keep in mind that the Committee's approval of your major does not constitute approval of your selection of courses to meet the College of Humanities and Social Sciences or General Education Program (GEP) requirements.

You must put a course number on every line below. If you are now taking the course, put "IP" in the "Grade" column. If you have not yet taken the course, leave a blank in the grade column.

A. Humanities and Social Sciences* (37 hours)	Course	Hours	Grade
ENG 101: Academic Writing and Research	ENG 101	4	A
History I	HI 233	3	
History II	HI 254	3	IP
Literature I	ENG 251	3	
Literature II	ENG 266	3	
Philosophy	PHI 205	3	
Arts & Letters	MUS 180	3	A+
Social Sciences: 9 credit hours from three different areas (anthropology, economics, political science, psychology, sociology, or multidisciplinary)	PSY 200	3	A
	PS 203	3	IP
	SOC 202	3	A+
Additional Social Science (any area)	PSY 376	3	B
Foreign Language: Credit at the 201 level	FLS 201	3	IP

*See [Key Points](#), scroll down to Student Resources, or your online degree audit, "Reqmnt Details" links, to verify approved courses for each H&SS category.

B. Free Electives (optional to list specific courses here; limit of 12 credit hours of S/U; may include courses for academic minors or other majors; approximately 32 hours required in order to reach 122 total degree hours required for this major)

Course number	Course title	Hours	Grade
HESM 478	Exercise Physiology and Sports Science	3	
PRT 200	Leisure Behavior, Health and Wellness	3	
FL 527	Teaching ESL	3	
FLS 110	Accelerated Elementary Spanish	3	A+
USC 220	Leadership and the Resident Mentor	3	A+
BIO 240	Principles of Human Anatomy & Physiology (A): Nervous	4	

BIO 245	Principles of Human Anatomy & Physiology (B): Endoc	4	
BIO 488	Neurobiology	3	
ENG 525	Variety in Language	3	
NTR 301	Introduction to Human Nutrition	3	
ECI 585	Education of Children with Exceptionalities	3	
ENG 325	Spoken and Written Traditions of American English Dia	3	

III. GEP REQUIREMENTS* (NCSU General Education Program, 23 hours)

	Course	Hours	Grade
GEP Mathematical Sciences (6 units)	MA 107	3	A
See <u>Key Points</u> * for possible extra math credits	ST 311	3	A
GEP Natural Sciences (7 units)	BIO 181	4	A-
At least one science course with a lab required	CH 111	3	A+
GEP Health & Exercise Studies (2 units)	HESF 103	1	S
At least one 100-level fitness course required	HESF 237	1	S
GEP Additional Breadth MSNSE (3 units)	BIO 183	4	
GEP Interdisciplinary Perspectives (5 units)	ES 100	3	A-
Possible waiver(s) if taken as a major/dept req	SOC 207	in major	
GEP US Diversity (0 units) [verify requirement met]	USC 101	1	A+
Must be taken if not met elsewhere in degree			
GEP Global Knowledge (0 units) [verify req met]	ES 100	3	A-
Must be taken if not met elsewhere in degree			
Foreign Language Proficiency (0 units) [verify req met]	FLS 100		PF
See <u>Key Points</u> * for more information			

*See Key Points, scroll down to Student Resources, or your online degree audit, "Reqmnt Details" links, to verify approved courses for each GEP category.

REQUIRED TOTAL DEGREE CREDIT HOURS

122.00 units/credit hours

IV. APPROVAL

Signature of Coordinator, Interdisciplinary Self-Design Program

Date

Additional information can be obtained from the student's MyPack online degree audit, the NCSU Registration and Records' Degree Requirements (choose Humanities & Social Sciences, scroll to Interdisciplinary Studies-Self Design), and the IDS B.A. Self-Design Semester-by-Semester Plan, which provides additional details for this major with its footnotes.

Description of Concentration:

One of the most important markers of a person's personal identity is language. Yet, few people have an interdisciplinary understanding of how language is used. Questions such as how it is acquired, how is it formed, how it is studied, and how is it influenced are typically overlooked by its users but are central to modern sociolinguistics, and foundational to my anticipated, future career: speech-language pathology. In order to answer such diverse questions, a person must be able to look through a variety of lenses, emphasizing the need for an interdisciplinary perspective.

Language is affected by the interplay between culture and physiology, two aspects that are generally not presented in one discipline. My academic interests stem from this intricate dynamic that takes place in language patterns and speech articulation. I have always been intrigued by the varying language usage by various communities, especially coming from a diverse hometown. I have been exposed to the effects of speech and language, both at home and at NC State, and now, I desire to learn more about the influences on such speech.

However, at the beginning of my time here at NC State, I did not understand there were such varying influences on speech. After going through the Exploratory Studies Program, I was accepted into the Interpersonal, Organizational, and Rhetorical Communication major. Experimenting with Pack Planner showed me that I was taking multiple courses that did not relate to the aspects of communication that I am interested in. Therefore, I submitted a CODA into Psychology and was accepted again, but I still felt like I was lacking the ability to take the types of courses I knew I would benefit from, enjoy, and be challenged by; I wanted to take relevant courses in a variety of disciplines.

I contacted Dr. [REDACTED] and he suggested that I look into the Self-Design program because I had expressed to him my frustrations with the lack of discipline variety that I would be taking in my current major. I want to make the most of the hours I have here at NC State, taking courses that I find relevant and interesting, and therefore, I am applying to the Self-Design major. This major allows me to take a rigorous schedule with a variety of courses in conjunction with my minor in Biological Sciences. This minor will provide me with further insight into the human body and brain, granting me an understanding of the mind and language acquisition processes from a life sciences perspective.

My proposed Self-Design concentration encompasses courses in the Department of English, Communication Department, Department of Sociology and Anthropology, and Department of Psychology, allowing me to acquire a strong foundation in the linguistics, psychology, culture, and science behind spoken language. With this concentration, I will follow my academic interests and acquire a strong foundation for my anticipated graduate study in an interdisciplinary field: speech-language pathology.

List of Concentration Courses:

ANT 254 - Language and Culture

Focus among the aspects of human language and between aspects of language and culture. Topics such as: descriptive and comparative linguistics, structuralism, language and thought, sociolinguistics, bilingualism, culture change and linguistic changes.

COM 315 - Phonetics

Articulatory and acoustic phonetics; application of the International Phonetic Alphabet with vocal and ear training.

COM 325 - Anatomy and Physiology of Speech

Anatomy and physiology of the speech mechanism including the muscular, skeletal, and nervous system structures involved in respiration, phonation, and articulation.

COM/ENG 335 - Language Development

Syntactic, semantic, morphologic, and pragmatic development from birth through adolescence. The influence of cognitive and social development on language development. First language acquisition versus second language learning.

COM 385 - Speech Science

Acoustic properties of speech sounds and the dynamics of speech sound production. Initial experience with basic clinical instrumentation used to measure respiratory, phonatory, and articulatory movements and the acoustic events that result from these movements. Lab assignments using basic instrumentation and computer software are completed outside of class.

ENG 523 - Language Variation Research Seminar

Field-initiated research. Group and individual research topics focused on current sociolinguistic issues related to language variation and changes. Ethnographic and quantitative methods of analysis.

ENG 524 - Introduction to Linguistics

Introduction to theoretical linguistics, especially for students in language, writing and literature curricula. Phonology, syntax, semantics, history of linguistics; relation of linguistics to philosophy, sociology and psychology; application of theory to analysis of texts.

PSY 420 - Cognitive Processes

Introduction to research and theory in cognition, including such topics as memory, acquisition and use of language, reading, problem-solving, reasoning, and concepts.

SOC 207 - Language and Society

Introduction to the intersections of language, society and the individual, and the role of language in social interaction, socialization, ideologies, inequality and social change. Focus on language variation related to race, class, gender, and other social identities. Includes core sociological and sociolinguistics concepts, methods, theories.

IDS 490 - Interdisciplinary Methods and Issues

Capstone seminar for students in the IDS self-design major. Intensive study of student's area of concentration, leading to a major research paper.

Learning Outcomes

1. At the completion of this degree, I will have an understanding of the principles of linguistics, including phonetics, phonology, morphology, syntax, semantics, and pragmatics.

COM 315 - Phonetics

This course will provide a foundation in a specific realm of linguistics that I will be using in my anticipated career. I will be introduced to vocal and ear training, which is a skill associated with linguistics and speech-language pathology.

ENG 524 - Introduction to Linguistics

This upper-level introductory course will provide a general overview of the study of language and the subsections thereof. By taking the time to learn about each principle of linguistics, I will be better prepared in terms of knowledge, vocabulary, and concepts in my future linguistics courses and career field.

2. At the completion of this degree, I will be able to use speech analysis research methods, technology, and software to evaluate the ways in which individuals speak.

ENG 523 - Language Variation Research Seminar

This course will enable me to perform research and use software and research techniques to assess how and why people speak differently from one another.

COM 385 - Speech Science

This course will expose me to multiple opportunities to use my knowledge of anatomy, how speech is produced, and the ways to assess speech using clinical equipment. In this way, I will have foundational lab experience to prepare myself for the clinical experience required in my anticipated graduate program(s).

3. At the completion of this degree, I will be able to evaluate the influences on language and the socio-cultural variation that shapes modern English-language communication.

ENG 523 - Language Variation Research Seminar

Taking this course will enable me to think critically about the ways and reasons why people speak differently from one another. At the completion of this course, I will be able to analyze aspects of culture that may be linked to language use, including gender, society, and region as influences on language.

SOC 207 - Language and Society

By taking this course, I will have a better concept of the role that language plays in relationships and society. Understanding the role of speech in this

way is needed to understand why it must be studied, how and why it changes, and how it is related to changes in society.

ANT 254 - Language and Culture

This course will challenge me to assess the ways in which speech and language play a part in individual cultures and to cultures in general.

4. At the completion of this degree, I will be able to evaluate language using scientific critical thinking and analysis. I will be able to identify various structures in the vocal tract and how they join together to produce speech.

COM 325 - Anatomy and Physiology of Speech

This course will enable me to use standard terminology in regards to the structures that make up the vocal tract and speech-producing system. Examining and understanding these, as well as their functions, is essential for the foundation of my knowledge in speech-language pathology. Being able to effectively use the vocabulary and knowledge about the speech-producing system is essential for other courses and this medical career in general.

COM 385 - Speech Science

This course will provide me with an understanding of the ways in which humans produce speech. Additionally, I will gain experience working with speech assessment equipment.

5. At the completion of this degree, I will have looked through a social science lens to understand the ways in which language is acquired. This understanding is essential to helping correct the language misuse and mispronunciation within the field of speech-language pathology.

COM 315 - Language Development

I will be introduced to the acquisition of language and how it is developed on an individual basis. I will be able to assess how the language of humans grows and changes over the course of their lives, evaluating how functionality may impact their language use.

PSY 420 - Cognitive Processes

This course will provide me with knowledge and research experience in the psychological realm of how language is acquired and how it used.

Semester-By-Semester Plan:

2018 Summer Term 1

BIO 183 Introductory Biology: Cellular and Molecular Biology

2018 Fall Term

ANT 254 Language and Culture

BIO 240 Principles of Human Anatomy & Physiology (A): Nervous, Skeletal, Muscular, &
Digestive Systems

ENG 251 Major British Writers

ENG 525 Variety in Language

PSY 420 Cognitive Processes

2019 Spring Term

BIO 245 Principles of Human Anatomy & Physiology (B): Endocrine, Cardiovascular,
Respiratory & Renal Systems

COM 335 Language Development

COM 385 Speech Science

HESM 478 Exercise Physiology and Sports Science

HI 233 The World Since 1750

2019 Summer Term 1

NTR 301 Introduction to Human Nutrition

2019 Fall Term

BIO 488 Neurobiology

ENG 266 American Literature II

HESM 480 Principles of Exercise Programming

PHI 205 Introduction to Philosophy

PRT 200 Leisure Behavior, Health and Wellness

SOC 207 Language and Society

2020 Spring Term

ECI 585 Education of Children with Exceptionalities

ENG 325 Spoken and Written Traditions for American English Dialects

FL 527 Teaching ESL

HESM 303 Sports Science Practicum

IDS 490 Interdisciplinary Methods and Issues