

DOCTOR OF PHILOSOPHY (PHD) PROGRAMS









DOCTOR OF PHILOSOPHY (PHD) PROGRAMS

1. PhD Programs in Science, Technology, Engineering, and Mathematics (STEM)

A. Programs Outline

The Doctor of Philosophy (PhD) programs in STEM (Science, Technology, Engineering, and Mathematics) are constructed to promote rigorous research, development, and the advancement of innovative solutions to complex challenges across disciplines such as biology, physics, chemistry, mathematics, computer science, and various engineering fields including civil, electrical, chemical, industrial, mechanical, agricultural, and computer engineering. These programs blend cutting-edge research initiatives with modern coursework, featuring a comprehensive structure of core and elective courses, underscored by a strong focus on pioneering research. King Saud University (KSU) offers the following PhD programs in STEM.

B. Programs Components

Dissertation	Written & Oral Qualifying Examination	Research Proposal	Dissertation Examination
 <p>In this component, the student is required to carry out an independent research in the specialized area of study.</p>	 <p>The student must successfully pass a written and oral qualifying examination on a set of selected areas before being allowed to progress further in the program.</p>	 <p>The student must develop a research proposal in his area of specialization in order to conduct his dissertation project.</p>	 <p>The student must complete his dissertation project and defend it successfully in a dissertation oral examination (Dissertation Defense) to earn his degree.</p>

C. List of Programs

PhD in Civil Engineering	PhD in Chemical Engineering	PhD in Electrical Engineering
PhD in Mechanical Engineering	PhD in Industrial Engineering	PhD in Computer Engineering
PhD in Software Engineering	PhD in Computer Science	PhD in Information Systems
PhD in Agricultural Engineering	PhD in Sport Sciences and Physical Activity	PhD in Architecture and Building Sciences
PhD in Botany	PhD in Microbiology	PhD in Zoology
PhD in Biochemistry	PhD in Statistics	PhD in Physics
PhD in Mathematics	PhD in Chemistry	PhD in Geosciences
PhD in Information Science	PhD in Archeology	

PhD in Civil Engineering
20 Credit Hours

Tracks

Structure Engineering	Construction Engineering Management	Geotechnical Engineering
Transportation Engineering	Environmental Engineering	Water Resources

PhD in Chemical Engineering
20 Credit Hours

Tracks

Chemical Industries	Control & Systems
Materials Engineering	Transport Phenomena

PhD in Electrical Engineering
20 Credit Hours

Tracks

Electronics	Communications	Computer & Control
Electrical Power	Electrical Machine	

PhD in Mechanical Engineering
32 Credit Hours

Tracks

Solid mechanics

Thermofluid Systems

PhD in Industrial Engineering
20 Credit Hours

Tracks

Human Factors
Engineering & Safety

Industrial Operation
System & Logistics

Manufacturing
Engineering

**PhD in Computer
Engineering**
27 Credit Hours

**PhD in Software
Engineering**
48 Credit Hours

PhD in Computer Science
42 Credit Hours

PhD in Information Systems
27 Credit Hours

PhD in Agricultural Engineering
44 Credit Hours

Tracks

Systems Engineering
of Water & Irrigation

Engineering of Food
Processing

Engineering of Environmental
& Agricultural Structure

PhD in Sport Sciences and Physical Activity
52 Credit Hours

Tracks

Physical Education

Exercise Physiology

Sport Coaching

Sports & Recreation Management

PhD in Mathematics
20 Credit Hours

Tracks

Algebra

Applied Mathematics

Geometry & Topology

Analysis

Discrete & Computing
Mathematics

PhD in Chemistry
20 Credit Hours

Tracks

Inorganic Chemistry	Physical Chemistry
Organic Chemistry	Analytical Chemistry

PhD in Geosciences
43 Credit Hours

PhD in Information Science
46 Credit Hours

PhD in Archeology
14 Credit Hours

Tracks

Islamic Era	Arabian Kingdoms
Inscriptions	The Prehistory of The Arabian

PhD in Architecture and Building Sciences

24 Credit Hours

PhD in Botany

20 Credit Hours

PhD in Microbiology

20 Credit Hours

PhD in Zoology

20 Credit Hours

PhD in Biochemistry

43 Credit Hours

PhD in Statistics

20 Credit Hours

PhD in Physics

20 Credit Hours





DOCTOR OF PHILOSOPHY (PHD) PROGRAMS

2. PhD Programs in Health & Medical Sciences

A. Programs Outline

The Doctor of Philosophy (PhD) programs in Health and Medical Sciences are designed to inspire rigorous research, development, and the advancement of innovative solutions to complex challenges across disciplines such as Medicine, Nursing & Midwifery, Pharmacy, Public Health, Applied Biomedical Sciences, and Dentistry. These programs combine cutting-edge research initiatives with contemporary coursework, offering a robust framework of core and elective courses, highlighted by a strong emphasis on groundbreaking research. King Saud University (KSU) offers the following PhD programs in Health and Medical Sciences.

B. Programs Components

Dissertation	Written & Oral Qualifying Examination	Research Proposal	Dissertation Examination
 <p>In this component, the student is required to carry out an independent research in the specialized area of study</p>	 <p>The student must successfully pass a written and oral qualifying examination on a set of selected areas before being allowed to progress further in the program</p>	 <p>The student must develop a research proposal in his area of specialization in order to conduct his dissertation project</p>	 <p>The student must complete his dissertation project and defend it successfully in a dissertation oral examination (Dissertation Defense) to earn his degree</p>

C. List of programs		
PhD in Pharmacology and Toxicology	PhD in Pharmaceutics	PhD in Pharmacy Practice
PhD in Pharmaceutical Chemistry	PhD in Pharmacognosy	PhD in Nursing
PhD in Community Health Sciences: Clinical Nutrition	PhD in Clinical Laboratory Sciences	PhD in Health Rehabilitation
PhD in Anatomy	PhD in Physiology	DSc in Dentistry

PhD in Pharmacology and Toxicology
30 Credit Hours

Tracks

Pharmacology

Toxicology

PhD in Pharmaceutics
23 Credit Hours

PhD in Pharmacy Practice
48 Credit Hours

Tracks

Pharmaceutical Services,
Outcomes & Policy

Precision Pharmacotherapy

PhD in Pharmaceutical Chemistry
21 Credit Hours

Tracks

Medicinal Chemistry

Pharmaceutical Analytical Chemistry

PhD in Pharmacognosy
21 Credit Hours

PhD in Nursing
55 Credit Hours

PhD in Community Health Sciences: Clinical Nutrition
42 Credit Hours

PhD in Clinical Laboratory Sciences
43 Credit Hours

Tracks

Clinical Biochemistry	Medical Microbiology	Hematology & Blood Transfusion
Medical Genetics	Clinical Immunology	

PhD in Health Rehabilitation
45 Credit Hours

PhD in Anatomy
14 Credit Hours

PhD in Physiology
14 Credit Hours

PhD in Dentistry

Tracks

Restorative Dentistry (it consists of 41 credit hours)	Endodontics (it consists of 38 credit hours)	Prosthodontics (it consists of 43 credit hours)
Periodontics (it consists of 41 credit hours)	Pediatric Dentistry (it consists of 43 credit hours)	Orthodontics (it consists of 44 credit hours)
Oral & Maxillofacial Surgery (it consists of 47 credit hours)	Oral Medicine (it consists of 74 credit hours)	Dental Public Health (it consists of 64 credit hours)
Oral & Maxillofacial Radiology (it consists of 70 credit hours)		





DOCTOR OF PHILOSOPHY (PHD) PROGRAMS

3. PhD Programs in Business & Management

A. Programs Outline

King Saud University (KSU) extends its academic excellence to PhD programs in Business & Management. These programs are designed to cultivate advanced analytical skills, strategic thinking, and leadership expertise, preparing scholars to address contemporary issues in fields such as finance, marketing, organizational behavior, public administration, governance, and entrepreneurship. With a blend of theoretical frameworks, practical applications, and interdisciplinary collaboration, the Business & Management PhD programs at KSU emphasize original research that contributes to both academic scholarship and real-world industry advancements. King Saud University (KSU) proudly offers the following PhD programs in Business & Management.

B. Programs Components

Dissertation	Written & Oral Qualifying Examination	Research Proposal	Dissertation Examination
 <p>In this component, the student is required to carry out an independent research in the specialized area of study</p>	 <p>The student must successfully pass a written and oral qualifying examination on a set of selected areas before being allowed to progress further in the program</p>	 <p>The student must develop a research proposal in his area of specialization in order to conduct his dissertation project</p>	 <p>The student must complete his dissertation project and defend it successfully in a dissertation oral examination (Dissertation Defense) to earn his degree</p>

C. List of programs

PhD in Public
Administration

PhD in Business
Administration

PhD in Economics

PhD in Public Administration

38 Credit Hours

Tracks

Human Resource
Management in Public
Section

Health Administration

Public Finance
Administration

PhD in Business Administration

Tracks

Marketing (it consists
of 38 credit hours)

Management Information
Systems (it consists of
49 credit hours)

Management (it
consists of 38 credit
hours)

Accounting (it consists
of 49 credit hours)

Finance (it consists of 38
credit hours)

PhD in Economics

58 Credit Hours





DOCTOR OF PHILOSOPHY (PHD) PROGRAMS

4. PhD Programs in Social Sciences and Humanities

A. Programs Outline

King Saud University (KSU) broadens its scholarly eminence to encompass Doctor of Philosophy (PhD) programs in the Social Sciences and Humanities, establishing an intellectual milieu conducive to profound inquiry and transformative discourse. These programs are meticulously structured to cultivate sophisticated critical reasoning, interdisciplinary epistemologies, and rigorous methodological proficiency, thereby preparing doctoral candidates to interrogate and address complex socio-cultural phenomena across domains such as sociology, psychology, historical studies, literary analysis, linguistics, anthropology, and philosophical inquiry. Through a synergistic integration of advanced theoretical paradigms, innovative empirical research, and cross-disciplinary engagement, the PhD programs in Social Sciences and Humanities at KSU prioritize the generation of original scholarship that enriches academic discourse while offering meaningful contributions to contemporary societal challenges. King Saud University (KSU) takes pride in presenting the following PhD programs within the Social Sciences and Humanities.

B. Programs Components

Dissertation	Written & Oral Qualifying Examination	Research Proposal	Dissertation Examination
 <p>In this component, the student is required to carry out an independent research in the specialized area of study</p>	 <p>The student must successfully pass a written and oral qualifying examination on a set of selected areas before being allowed to progress further in the program</p>	 <p>The student must develop a research proposal in his area of specialization in order to conduct his dissertation project</p>	 <p>The student must complete his dissertation project and defend it successfully in a dissertation oral examination (Dissertation Defense) to earn his degree</p>

C. List of programs

PhD in History	PhD in Geography	PhD in Social Studies
PhD in Psychology	PhD in Arabic Applied Linguistics	PhD in Applied Linguistics
PhD in English Language and Literature	PhD in Arabic Language and Literature	

PhD in History
32 Credit Hours

Tracks

Ancient History

Modern &
Contemporary History

Islamic & Medieval
History

PhD in Geography
20 Credit Hours

Tracks

Natural Geography

Human Geography

Geographic Information Science

Mapping Science

PhD in Social Studies
32 Credit Hours

Tracks

Social Work

Sociology

PhD in Psychology

Tracks

Measurement & Evaluation (it consists of 43 credit hours)	Educational & Development Psychology (it consists of 43 credit hours)
Social & Industrial Psychology (it consists of 43 credit hours)	Counseling Psychology (it consists of 53 credit hours)

PhD in Arabic Applied Linguistics 40 Credit Hours

PhD in Applied Linguistics 32 Credit Hours

PhD in English Language and Literature 20 Credit Hours

PhD in Arabic Language and Literature 14 Credit Hours

Tracks

Grammar & Language	Literature & Literary Criticism
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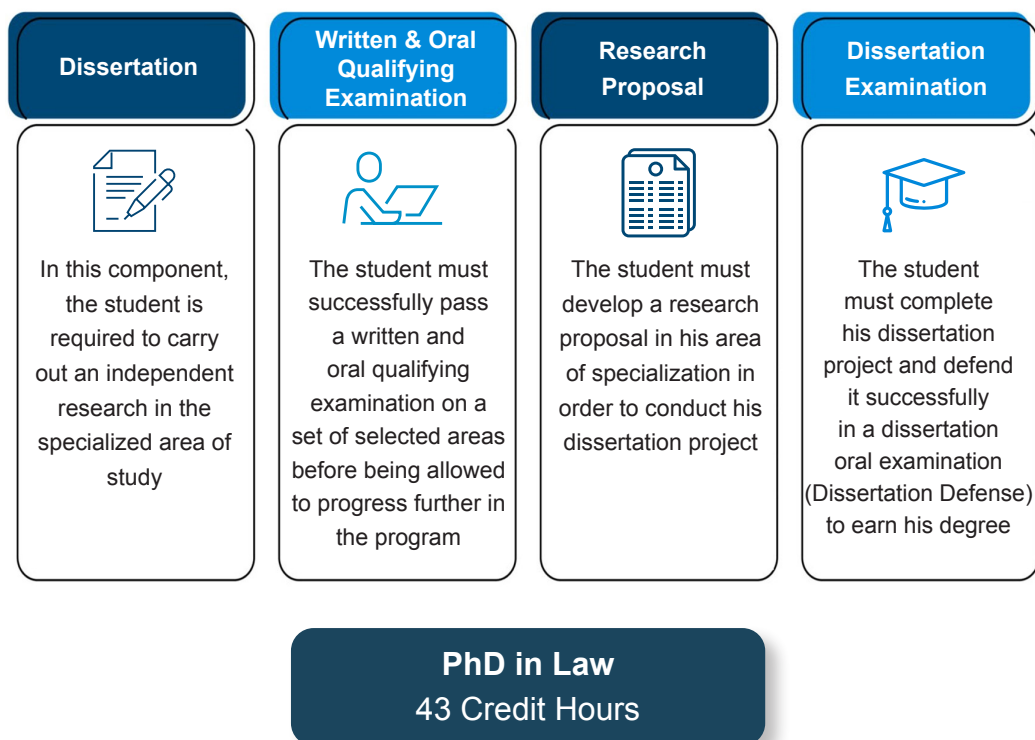
DOCTOR OF PHILOSOPHY (PHD) PROGRAMS

5. PhD Programs in Law & Legal Studies

A. Programs Outline

King Saud University (KSU) extends its distinguished academic legacy to include Doctor of Philosophy (PhD) program in Law, fostering an erudite environment that nurtures incisive analysis and groundbreaking jurisprudential thought. This program is thoughtfully crafted to develop advanced legal reasoning, interdisciplinary perspectives, and meticulous research expertise, equipping doctoral scholars to critically examine and resolve intricate legal and societal issues within domains such as constitutional law, international law, criminal justice, human rights, and legal theory. By seamlessly blending sophisticated theoretical frameworks, pioneering empirical investigations, and cross-disciplinary collaboration, the PhD program in Law at KSU emphasizes the production of original scholarship that advances the frontiers of juridical knowledge while addressing pressing contemporary challenges in governance, justice, and policy.

B. Programs Components



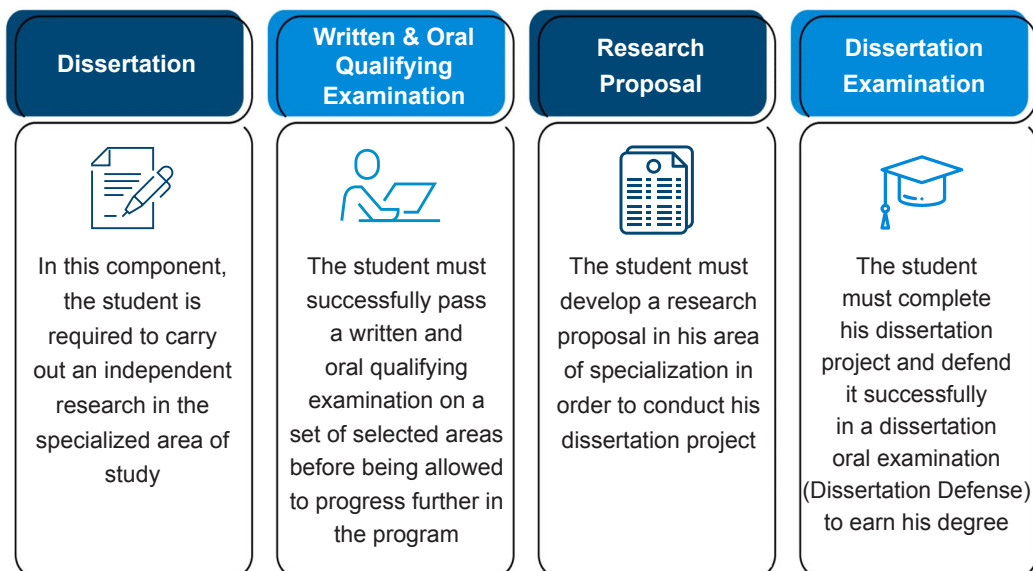
DOCTOR OF PHILOSOPHY (PHD) PROGRAMS

6. PhD Programs in Arts, Design & Communication

A. Programs Outline

King Saud University (KSU) proudly expands its prestigious academic tradition to encompass Doctor of Philosophy (PhD) program in Communication and Digital Media, cultivating a dynamic intellectual space that inspires creative innovation and insightful exploration. This program is expertly designed to foster advanced aesthetic sensibilities, interdisciplinary methodologies, and rigorous investigative skills, preparing doctoral candidates to critically engage with and redefine complex issues across Communication and Digital Media fields such as media studies, communication theory, and cultural expression. Through a harmonious fusion of cutting-edge theoretical insights, experimental creative practice, and collaborative cross-disciplinary approaches, this PhD program at KSU champion the creation of original works and scholarship that push the boundaries of artistic and communicative discourse while responding to contemporary cultural and societal dynamics.

B. Programs Components



PhD in Law
It typically consists of 46 credit hours





DOCTOR OF PHILOSOPHY (PHD) PROGRAMS

7. PhD Programs in Agriculture & Environmental Sciences

A. Programs Outline

King Saud University (KSU) extends its illustrious academic heritage to include Doctor of Philosophy (PhD) programs in Agriculture & Environmental Sciences, establishing a vibrant scholarly environment that promotes innovative solutions and deep ecological understanding. These programs are meticulously crafted to nurture advanced scientific inquiry, interdisciplinary approaches, and precise research capabilities, enabling doctoral scholars to critically address and resolve pressing challenges in areas such as sustainable agriculture, environmental conservation, soil science, water resource management, and climate change adaptation. By integrating state-of-the-art theoretical frameworks, pioneering field-based research, and cooperative cross-disciplinary efforts, the PhD programs in Agriculture & Environmental Sciences at KSU prioritize the development of original contributions that advance scientific knowledge and offer practical strategies for tackling global environmental and agricultural issues. King Saud University (KSU) takes great pride in presenting the following PhD programs in Agriculture & Environmental Sciences.

B. Programs Components

Dissertation	Written & Oral Qualifying Examination	Research Proposal	Dissertation Examination
			
In this component, the student is required to carry out an independent research in the specialized area of study	The student must successfully pass a written and oral qualifying examination on a set of selected areas before being allowed to progress further in the program	The student must develop a research proposal in his area of specialization in order to conduct his dissertation project	The student must complete his dissertation project and defend it successfully in a dissertation oral examination (Dissertation Defense) to earn his degree

C. List of programs

PhD in Crops Science	PhD in Horticulture	PhD in Range Science and Forestry
PhD in Plant Pathology	PhD in Entomology	PhD in Soil Sciences
PhD in Human Nutrition	PhD in Food Sciences	PhD in Agricultural Extension
PhD in Animal & Poultry Production		

PhD in Crops Science

32 Credit Hours

PhD in Horticulture

32 Credit Hours

PhD in Range Science and Forestry

32 Credit Hours

PhD in Plant Pathology

24 Credit Hours

PhD in Entomology

24 Credit Hours

PhD in Soil Sciences

36 Credit Hours

PhD in Human Nutrition

32 Credit Hours

PhD in Food Sciences

32 Credit Hours

PhD in Agricultural Extension

44 Credit Hours

PhD in Animal & Poultry Production

21 Credit Hours





DOCTOR OF PHILOSOPHY (PHD) PROGRAMS

8. PhD Programs in Education & Teaching

A. Programs Outline

King Saud University (KSU) broadens its esteemed academic legacy to encompass Doctor of Philosophy (PhD) programs in Education & Teaching, fostering an enriching intellectual atmosphere that champions transformative pedagogical advancements and profound educational insight. These programs are carefully designed to cultivate advanced theoretical understanding, interdisciplinary perspectives, and robust research competencies, empowering doctoral candidates to critically explore and address complex challenges in fields such as curriculum development, educational psychology, teaching methodologies, educational leadership, and inclusive learning practices. Through a seamless blend of cutting-edge educational theories, innovative empirical studies, and collaborative interdisciplinary initiatives, the PhD programs in Education & Teaching at KSU emphasize the creation of original scholarship that enhances educational practice and contributes actionable solutions to contemporary issues in teaching and learning. King Saud University (KSU) is honored to offer the following PhD programs in Education & Teaching.

B. Programs Components

Dissertation	Written & Oral Qualifying Examination	Research Proposal	Dissertation Examination
 <p>In this component, the student is required to carry out an independent research in the specialized area of study</p>	 <p>The student must successfully pass a written and oral qualifying examination on a set of selected areas before being allowed to progress further in the program</p>	 <p>The student must develop a research proposal in his area of specialization in order to conduct his dissertation project</p>	 <p>The student must complete his dissertation project and defend it successfully in a dissertation oral examination (Dissertation Defense) to earn his degree</p>

C. List of programs

PhD in Islamic Studies	PhD in Tafseer	PhD in Qur'anic Studies: Recitations
PhD in Education	PhD in Educational Administration	PhD in Education - Curriculum and Instruction
PhD in Education (Mathematics Instruction)	PhD in Education (Curriculum and Instruction in Islamic Sciences)	PhD in Education (Computer Instruction)
PhD in Special Education	PhD in Teaching Technology	

PhD in Islamic Studies
45 Credit Hours

Tracks

Islamic Studies - Fiqh
& Usul Fiqh

Islamic Studies –
Believe

Sunnah & its Sciences

PhD in Tafseer
45 Credit Hours

PhD in Qur’anic Studies: Recitations
46 Credit Hours

PhD in Education
32 Credit Hours

Tracks

Essentials of Education

Adult & Continuing Education

PhD in Educational Administration
32 Credit Hours

Tracks

Administration of Higher Education

Administration of General Education

PhD in Education - Curriculum and Instruction
32 Credit Hours

Tracks

Methods Of Teaching
Science

Curriculum & General
Teaching

Teaching Of Sociology

PhD in Education (Mathematics Instruction)
42 Credit Hours

PhD in Education (Curriculum and Instruction in Islamic Sciences)
31 Credit Hours

PhD in Education (Computer Instruction)
38 Credit Hours

PhD in Special Education
43 Credit Hours

Tracks

Special Education Behavioral & Emotional Disorder	Special Education Learning Disabilities
Special Education Hearing Impairment	Special Education Intellectual Disability

PhD in Teaching Technology
48 Credit Hours



Deanship of Graduate Studies

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