

# phd in space science

## PhD in Space Science: Exploring the Frontiers of the Universe

**phd in space science** represents one of the most fascinating and ambitious academic pursuits today. For those captivated by the mysteries of the cosmos, the study of celestial bodies, cosmic phenomena, and the fundamental laws governing the universe, this doctoral journey offers an unparalleled opportunity to contribute to cutting-edge discoveries. But what exactly does a PhD in space science entail, and how can one navigate this challenging yet rewarding path? Let's dive into the depths of this field and uncover what aspiring space scientists need to know.

## What is a PhD in Space Science?

At its core, a PhD in space science is an advanced research degree focused on understanding the universe beyond Earth. It encompasses a broad range of disciplines including astrophysics, planetary science, cosmology, and space technology. Candidates pursuing this doctorate engage in rigorous scientific inquiry to explore phenomena such as black holes, star formation, planetary atmospheres, and the evolution of galaxies.

Unlike coursework-oriented degrees, a PhD emphasizes original research. Students work closely with faculty advisors to identify meaningful questions in space science, develop hypotheses, and employ analytical or observational methods to generate new knowledge. The culmination is a dissertation that contributes novel insights to the scientific community.

## Why Choose a PhD in Space Science?

Opting for a PhD in space science is driven by more than just a passion for astronomy or space exploration. It opens doors to careers in academia, government space agencies like NASA or ESA, private aerospace companies, and research institutions. The demand for experts capable of interpreting astronomical data, designing space missions, or modeling cosmic processes is growing steadily.

Moreover, space science research often involves collaboration across international teams, exposing candidates to diverse perspectives and cutting-edge technology. It's a field that constantly pushes the boundaries of human knowledge, making it ideal for those who thrive in intellectually challenging environments.

# Core Skills Developed During a PhD

The journey of a PhD in space science equips scholars with a unique skill set, including:

- **Analytical thinking:** Ability to interpret complex data from telescopes, satellites, or simulations.
- **Programming and computational skills:** Proficiency in software such as Python, MATLAB, or specialized astrophysical modeling tools.
- **Critical problem-solving:** Designing experiments or observation strategies to test scientific theories.
- **Scientific communication:** Writing research papers, presenting findings at conferences, and engaging with the scientific community.
- **Project management:** Planning and executing multi-year research projects, often within collaborative frameworks.

# Specializations Within a PhD in Space Science

Space science is a multidisciplinary field, and doctoral candidates often specialize in specific areas to develop deep expertise. Some popular specializations include:

## Astrophysics and Cosmology

This specialization focuses on the physical properties and behaviors of celestial bodies and the universe at large. Topics range from studying the origins of the Big Bang to investigating dark matter and dark energy. Astrophysicists use data from observatories and space telescopes to unravel cosmic mysteries.

## Planetary Science and Exploration

Planetary scientists examine planets, moons, asteroids, and comets, both within our solar system and beyond. Their work often supports missions to Mars, the Moon, or icy moons like Europa. Understanding planetary atmospheres, geology, and potential habitability falls under this domain.

# **Space Technology and Instrumentation**

This area combines engineering with space science, focusing on the development of sensors, satellites, and spacecraft systems. Researchers innovate new technologies to enhance data collection and mission capabilities, playing a vital role in the success of space exploration.

## **How to Prepare for a PhD in Space Science**

Embarking on a PhD in space science requires careful preparation. Here are some essential steps:

### **Build a Strong Academic Foundation**

Most PhD programs seek applicants with a solid background in physics, astronomy, engineering, or related fields. Excelling in undergraduate and master's coursework in these areas lays the groundwork for advanced research.

### **Gain Research Experience**

Participating in internships, summer research programs, or assisting in faculty-led projects can provide invaluable hands-on experience. Exposure to data analysis, telescope observations, or laboratory work helps clarify research interests and strengthens applications.

### **Identify Potential Advisors and Institutions**

Researching faculty members whose interests align with yours is crucial. Look for universities or research centers known for their contributions to space science. Contacting potential advisors before applying can improve your chances of acceptance and facilitate a smoother start to your studies.

### **Prepare for Standardized Tests and Application Materials**

Many programs require GRE scores, letters of recommendation, and a statement of purpose. Crafting a compelling narrative about your passion and research goals, backed by strong references, will make your application stand out.

# The Research Journey: What to Expect

Once admitted, the PhD journey in space science is both intellectually demanding and exhilarating. The first year often involves coursework to deepen theoretical knowledge and learning specialized tools. Soon after, students select a research topic that addresses open questions in the field.

Data collection can involve working with observational data from telescopes, satellite missions, or simulations run on supercomputers. Collaboration with international teams is common, especially in projects linked to large-scale missions or observatories.

Publishing research papers and presenting at conferences helps candidates develop professional networks. The process of defending the dissertation tests a scholar's ability to articulate and defend their scientific contributions.

## Challenges and Rewards

A doctoral program in space science is not without its hurdles. Research can take years, and experiments or observations may not always yield expected results. Patience, resilience, and adaptability are key traits for success.

However, the rewards are immense. The thrill of discovering something new about the cosmos or contributing to humanity's understanding of space offers profound personal and professional satisfaction.

## Career Opportunities After a PhD in Space Science

Graduates with a PhD in space science enjoy diverse career paths, including:

- **Academic Research and Teaching:** Becoming university professors or postdoctoral researchers.
- **Government Space Agencies:** Working with organizations like NASA, ESA, or ISRO on mission planning and scientific analysis.
- **Private Aerospace Industry:** Roles in companies developing satellites, space exploration technologies, or commercial spaceflight.
- **Data Science and Analytics:** Applying analytical skills to sectors such as finance, technology, or environmental monitoring.

- **Science Communication and Outreach:** Engaging the public through museums, planetariums, or media.

These opportunities highlight the versatility of a PhD in space science and how it can serve as a gateway to varied and impactful careers.

## **Emerging Trends in Space Science Research**

The landscape of space science is rapidly evolving, driven by technological advances and international collaboration. Some exciting trends include:

### **Exoplanet Discovery and Characterization**

Discovering planets beyond our solar system and studying their atmospheres for signs of habitability has become a major focus. Missions like the James Webb Space Telescope are revolutionizing this area.

### **Astrobiology and the Search for Life**

Research into the origins of life and the potential for life elsewhere in the universe combines biology with space science, opening new interdisciplinary avenues.

### **Big Data and Machine Learning**

The enormous volume of data generated by space missions necessitates innovative analysis techniques. Machine learning algorithms help identify patterns and anomalies that might otherwise go unnoticed.

### **Commercial Space Exploration**

Private companies are increasingly involved in space travel, satellite deployment, and lunar exploration, creating fresh opportunities for space scientists to contribute.

## **A Final Thought on Pursuing a PhD in Space**

# Science

Embarking on a PhD in space science means committing to a lifelong passion for exploring the unknown. It's a journey filled with curiosity, challenges, and the chance to expand humanity's horizons. Whether you dream of studying distant galaxies or developing the next generation of space instruments, this field offers a unique blend of intellectual rigor and awe-inspiring discovery. For those driven by wonder and innovation, the universe is waiting.

## Frequently Asked Questions

### **What are the typical research areas in a PhD program in space science?**

Typical research areas in a PhD program in space science include astrophysics, planetary science, cosmology, space weather, satellite technology, and space instrumentation development.

### **What qualifications are required to apply for a PhD in space science?**

Applicants generally need a strong background in physics, astronomy, engineering, or related fields, along with a relevant bachelor's or master's degree, good academic records, and sometimes research experience or publications.

### **How long does it usually take to complete a PhD in space science?**

Completing a PhD in space science typically takes between 3 to 6 years, depending on the research topic, institution, and country.

### **What career opportunities are available after earning a PhD in space science?**

Career opportunities include academic research and teaching, working with space agencies like NASA or ESA, aerospace industry roles, data analysis for satellite missions, and positions in government or private space companies.

### **Are there any scholarships or funding options for PhD students in space science?**

Yes, many universities and space research organizations offer scholarships,

fellowships, and assistantships to support PhD students in space science, including funding from national space agencies and international collaborations.

## **What skills are important to develop during a PhD in space science?**

Important skills include advanced data analysis, programming, scientific writing, problem-solving, experimental design, and proficiency with space-related software and instrumentation.

## **Can a PhD in space science be pursued online or is on-campus presence required?**

While some coursework or seminars might be available online, most PhD programs in space science require on-campus presence or access to specialized labs and observatories for research purposes.

## **Additional Resources**

PhD in Space Science: Exploring the Final Frontier of Research and Innovation

**PhD in space science** represents the pinnacle of academic achievement for those passionate about unraveling the mysteries of the universe. This advanced degree not only demands rigorous scientific inquiry but also requires a profound understanding of astrophysics, planetary science, cosmology, and related disciplines. In an era where space exploration is rapidly evolving—from private space missions to international collaborations—the role of doctoral researchers in space science has never been more crucial. This article provides a comprehensive review of what pursuing a PhD in space science entails, the research opportunities it presents, and the career trajectories it unlocks.

## **Understanding the Scope of a PhD in Space Science**

Space science is an interdisciplinary field that encompasses the study of celestial phenomena, the physical properties of planets, stars, and galaxies, as well as the development of technology for space exploration. A PhD in space science typically involves extensive research in areas such as astrophysics, planetary geology, space weather, cosmic ray physics, and satellite technology.

Doctoral candidates are often required to engage deeply with both theoretical models and empirical data. This might include analyzing data from space

telescopes, designing experiments for space missions, or developing simulations to understand cosmic events. The comprehensive nature of this degree means that students must be adept at handling complex mathematics, physics, and computer science in tandem.

## Curriculum and Research Focus

Programs leading to a PhD in space science vary by institution but generally include:

- Advanced coursework in astrophysics, cosmology, and planetary science
- Training in computational methods and data analysis
- Hands-on experience with observational instruments and satellite payloads
- Development of original research culminating in a dissertation

Institutions such as the California Institute of Technology (Caltech), Massachusetts Institute of Technology (MIT), and the University of Cambridge offer specialized tracks that align with cutting-edge research themes like gravitational waves, dark matter, and exoplanetary atmospheres.

## Research Opportunities and Innovations

PhD candidates in space science are often at the forefront of technological and scientific breakthroughs. Given the interdisciplinary nature of the field, students collaborate with experts in engineering, computer science, and environmental science, among others.

## Emerging Research Areas

Several emerging domains within space science research include:

1. **Astrobiology:** Investigating the potential for life beyond Earth by studying extreme environments on our planet and analyzing data from Mars rovers.
2. **Space Weather Prediction:** Understanding solar wind and magnetic storms to protect satellites and Earth's technological infrastructure.

3. **Exoplanetary Science:** Characterizing planets orbiting other stars to assess their habitability and atmospheric composition.
4. **Cosmology:** Exploring the origins and fate of the universe through observations of cosmic microwave background radiation and dark energy.

These research areas not only expand scientific knowledge but also have practical applications, such as improving satellite communications and developing new materials for space travel.

## Collaborations and Funding

Funding for PhD research in space science often comes from government space agencies like NASA, ESA (European Space Agency), and ISRO, as well as private entities such as SpaceX and Blue Origin. Collaborative projects may involve international consortia, enabling access to large-scale instruments like the James Webb Space Telescope or the Large Hadron Collider.

Such collaborations enhance the scope and impact of doctoral research, providing students with unique opportunities to contribute to landmark missions and experiments.

## Career Prospects and Industry Impact

The career pathways following a PhD in space science are diverse and often multidisciplinary. While many graduates continue in academia as postdoctoral researchers and professors, a significant number transition to roles in industry, government, and non-profit sectors.

## Academic and Research Positions

PhD holders in space science frequently join universities or national laboratories, where they lead projects, mentor students, and publish influential research. Their expertise is critical in advancing space missions and developing new theoretical frameworks.

## Industry Roles

The commercial space sector is expanding rapidly, creating demand for space scientists in:

- Satellite design and operations
- Space mission planning and management
- Data analytics for remote sensing and Earth observation
- Development of aerospace technologies

Companies such as Boeing, Lockheed Martin, and emerging startups rely on PhD-level scientists to innovate and maintain competitive advantages.

## **Government and Policy Influence**

Beyond research and industry, PhD graduates often serve in governmental agencies as advisors or policymakers, shaping national and international space policies. Their insights are vital in addressing challenges related to space law, resource management, and environmental protection of outer space.

## **Challenges and Considerations in Pursuing a PhD in Space Science**

While the pursuit of a doctoral degree in space science is intellectually rewarding, it is not without challenges. The highly specialized nature of the field means that students must commit to long hours of research, often in complex and resource-intensive environments.

### **Time and Resource Investment**

Completing a PhD in space science generally takes 4 to 6 years, depending on the research topic and institution. Access to cutting-edge equipment, such as telescopes or particle accelerators, can be limited and competitive.

### **Funding and Financial Constraints**

Although many programs offer scholarships or assistantships, funding can be uncertain, especially for international students. Securing grants requires initiative and the ability to communicate the significance of one's research effectively.

# Balancing Interdisciplinary Skills

PhD candidates must often balance proficiency in physics, mathematics, programming, and sometimes engineering. This interdisciplinary demand necessitates a broad skill set and adaptability.

# The Future of PhD Research in Space Science

As humanity's ambitions extend beyond Earth's orbit, the demand for highly trained space scientists is poised to grow. Upcoming space missions to the Moon, Mars, and beyond will require sophisticated scientific expertise that only PhD holders can provide. Moreover, the increasing role of artificial intelligence and machine learning in data analysis is opening new frontiers for doctoral research.

In parallel, ethical and environmental concerns related to space debris, planetary protection, and the commercialization of space will necessitate informed scientific voices in policy and public discourse—roles often filled by those with advanced degrees in space science.

The pursuit of a PhD in space science is thus not only a commitment to academic excellence but also a vital contribution to humanity's understanding and stewardship of the cosmos.

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and possibilities

**phd in space science: The Century of Space Science** J.A. Bleeker, Johannes Geiss, M. Huber, 2012-12-06 One of the most attractive features of the young discipline of Space Science is that many of the original pioneers and key players involved are still available to describe their field. Hence, at this point in history we are in a unique position to gain first-hand insight into the field and its development. To this end, The Century of Space Science, a scholarly, authoritative, reference book presents a chapter-by-chapter retrospective of space science as studied in the 20th century. The level is academic and focuses on key discoveries, how these were arrived at, their scientific consequences and how these discoveries advanced the thoughts of the key players involved. With over 90 world-class contributors, such as James Van Allen, Cornelis de Jager, Eugene Parker, Reimar Lüst, and Ernst Stuhlinger, and with a Foreword by Lodewijk Woltjer (past ESO Director General), this book will be immensely useful to readers in the fields of space science, astronomy, and the history of science. Both academic institutions and researchers will find that this major reference work makes an invaluable addition to their collection.

**phd in space science: Developing Basic Space Science World-Wide** Willem Wamsteker, Rudolf Albrecht, Hans J. Haubold, 2005-12-28 ? J. Andersen Niels Bohr Institute for Astronomy Physics and Geophysics Astronomical Observatory Copenhagen ja@astro.ku.dk The development of astronomy worldwide begins at the roots: Already from childhood, humans of all nations and civilizations seem to share an innate fascination with the sky. Yet, people in different regions of the world have vastly different possibilities for pursuing this interest. In wealthy, industrialised societies the way is open to a school or higher education in science, possibly leading to a career in astronomy or basic or applied space science for the benefit of the country as well as the individual. In other regions, neither the financial nor the trained human resources are sufficient to offer that avenue to the future of the young generation, or those intellectual resources to the development of their country. This book addresses ways and means by which these obstacles can be, if not fully overcome, then at least significantly reduced.

**phd in space science: Peterson's Graduate Programs in the Physical Sciences 2011** Peterson's, 2011-05-01 Peterson's Graduate Programs in the Physical Sciences contains a wealth of information on colleges and universities that offer graduate work in Astronomy and Astrophysics, Chemistry, Geosciences, Marine Sciences and Oceanography, Meteorology and Atmospheric Sciences, and Physics. The institutions listed include those in the United States, Canada, and abroad that are accredited by U.S. accrediting bodies. Up-to-date information, collected through Peterson's Annual Survey of Graduate and Professional Institutions, provides valuable information on degree offerings, professional accreditation, jointly offered degrees, part-time and evening/weekend programs, postbaccalaureate distance degrees, faculty, students, degree requirements, entrance requirements, expenses, financial support, faculty research, and unit head and application contact information. As an added bonus, readers will find a helpful See Close-Up link to in-depth program descriptions written by some of these institutions. These Close-Ups offer detailed information about the physical sciences program, faculty members and their research, and links to the program or department's Web site. In addition, there are valuable articles on financial assistance and support at the graduate level and the graduate admissions process, with special advice for international and minority students. Another article discusses important facts about accreditation and provides a current list of accrediting agencies.

**phd in space science: Driving Towards a More Diverse Space Physics Research Community - Perspectives, Initiatives, Strategies, and Actions** Michael W. Liemohn, McArthur Jones, Xochitl Blanco-Cano, John Coxon, Alexa Jean Halford, Chigomezzyo Ngwira, 2023-10-27

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sciences and management, natural resources, marine sciences, and more. This guide is part of Peterson's six-volume Annual Guides to Graduate Study, the only annually updated reference work of its kind, provides wide-ranging information on the graduate and professional programs offered by U.S.-accredited colleges and universities in the United States and throughout the world. Informative data profiles for more than 2,900 graduate programs in 59 disciplines, including facts and figures on accreditation, degree requirements, application deadlines and contact information, financial support, faculty, and student body profiles. Two-page in-depth descriptions, written by featured institutions, offer complete details on specific graduate programs, schools, or departments as well as information on faculty research and the college or university. Expert advice on the admissions process, financial support, and accrediting agencies. Comprehensive directories list programs in this volume, as well as others in the graduate series. Up-to-date appendixes list institutional changes since the last addition along with abbreviations used in the guide

**phd in space science: *Astronomy For Dummies*** Stephen P. Maran, Richard Tresch Fienberg, 2023-06-13 Embark on your own personal journey into the night sky. Stardate: Today! Ever catch yourself staring up at the night sky and wondering just what the heck is out there? While no one book can answer all your questions, *Astronomy For Dummies* will take you on a tour through the Milky Way (and beyond!) that describes some of the most fascinating objects in the universe. This book comes complete with online access to chapter quizzes and downloadable full-color astronomical photos of our universe, as well as easy-to-follow explanations of the eye-popping wonders and gorgeous interstellar objects that populate our solar system, galaxy, and universe. You'll find: Brand-new star charts for the northern and southern hemispheres, as well as descriptions of the latest tech tools for amateur astronomers Lists of the most recently discovered exoplanets, exomoons, and exocomets hurtling through the cosmos The latest timelines for dazzling solar events and maps to the best places to see them live and in-person Filled with discussions of the biggest and greatest new breakthroughs and an 8-page color insert packed with unbelievable, full-color photographs, *Astronomy For Dummies* is a can't-miss book that will ignite a passion for understanding the mysteries of the universe in children and adults alike!

**phd in space science: Graduate & Professional Programs: An Overview 2014 (Grad 1)** Peterson's, 2014-01-09 Peterson's Graduate & Professional Programs: An Overview 2014 contains more than 2,250 university/college profiles that offer valuable information on graduate and professional degrees and certificates, enrollment figures, tuition, financial support, housing, faculty, research affiliations, library facilities, and contact information. This graduate guide enables students to explore program listings by field and by institution. Two-page in-depth descriptions, written by administrators at featured institutions, give complete details on the graduate study available. Readers will benefit from the expert advice on the admissions process, financial support, and accrediting agencies.

**phd in space science: Peterson's Grad Programs in Physical Sciences, Math, Ag Sciences, Envir & Natural Res 20154 (Grad 4)** Peterson's, 2014-10-21 Graduate Programs in the Physical Sciences, Mathematics, Agricultural Sciences, the Environment & Natural Resources 2015 contains more than 3,000 graduate programs in the relevant disciplines-including agriculture and food sciences, astronomy and astrophysics, chemistry, physics, mathematics, environmental sciences and management, natural resources, marine sciences, and more. Informative data profiles for more than 3,000 graduate programs at nearly 600 institutions are included, complete with facts and figures on accreditation, degree requirements, application deadlines and contact information, financial support, faculty, and student body profiles. Two-page in-depth descriptions, written by featured institutions, offer complete details on specific graduate programs, schools, or departments as well as information on faculty research. Comprehensive directories list programs in this volume, as well as others in the graduate series.

**phd in space science: Graduate & Professional Programs: An Overview 2011 (Grad 1)** Peterson's, 2011-05-01 An Overview contains more than 2,300 university/college profiles that offer valuable information on graduate and professional degrees and certificates, enrollment figures,

tuition, financial support, housing, faculty, research affiliations, library facilities, and contact information. This graduate guide enables students to explore program listings by field and institution. Two-page in-depth descriptions, written by administrators at featured institutions, give complete details on the graduate study available. Readers will benefit from the expert advice on the admissions process, financial support, and accrediting agencies.

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**phd in space science:** *Peterson's Graduate Schools in the U.S. 2010* Peterson's, 2009 Shares overviews of nearly one thousand schools for a variety of disciplines, in a directory that lists educational institutions by state and field of study while sharing complementary information about tuition, enrollment, and faculties.

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**phd in space science: Exploring the History of Southeast Asian Astronomy** Wayne Orchiston, Mayank N. Vahia, 2021-06-30 This edited volume contains 24 different research papers by members of the History and Heritage Working Group of the Southeast Asian Astronomy Network. The chapters were prepared by astronomers from Australia, France, Germany, India, Indonesia, Japan, Malaysia, the Philippines, Scotland, Sweden, Thailand and Vietnam. They represent the latest understanding of cultural and scientific interchange in the region over time, from ethnoastronomy to archaeoastronomy and more. Gathering together researchers from various locales, this volume enabled new connections to be made in service of building a more holistic vision of astronomical history in Southeast Asia, which boasts a proud and deep tradition.

**phd in space science: Extreme Events in Geospace** Natalia Buzulukova, 2017-12-01 Extreme Events in Geospace: Origins, Predictability, and Consequences helps deepen the understanding, description, and forecasting of the complex and inter-related phenomena of extreme space weather events. Composed of chapters written by representatives from many different institutions and fields of space research, the book offers discussions ranging from definitions and historical knowledge to operational issues and methods of analysis. Given that extremes in ionizing radiation, ionospheric irregularities, and geomagnetically induced currents may have the potential to disrupt our technologies or pose danger to human health, it is increasingly important to synthesize the information available on not only those consequences but also the origins and predictability of such events. Extreme Events in Geospace: Origins, Predictability, and Consequences is a valuable source for providing the latest research for geophysicists and space weather scientists, as well as industries impacted by space weather events, including GNSS satellites and radio communication, power grids, aviation, and human spaceflight. The list of first/second authors includes M. Hapgood, N. Gopalswamy, K.D. Leka, G. Barnes, Yu. Yermolaev, P. Riley, S. Sharma, G. Lakhina, B. Tsurutani, C. Ngwira, A. Pulkkinen, J. Love, P. Bedrosian, N. Buzulukova, M. Sitnov, W. Denig, M. Panasyuk, R. Hajra, D. Ferguson, S. Lai, L. Narici, K. Tobiska, G. Gapirov, A. Mannucci, T. Fuller-Rowell, X. Yue,

G. Crowley, R. Redmon, V. Airapetian, D. Boteler, M. MacAlester, S. Worman, D. Neudegg, and M. Ishii. - Helps to define extremes in space weather and describes existing methods of analysis - Discusses current scientific understanding of these events and outlines future challenges - Considers the ways in which space weather may affect daily life - Demonstrates deep connections between astrophysics, heliophysics, and space weather applications, including a discussion of extreme space weather events from the past - Examines national and space policy issues concerning space weather in Australia, Canada, Japan, the United Kingdom, and the United States

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**phd in space science: Knowledge Discovery in Big Data from Astronomy and Earth Observation** Petr Skoda, Fathalrahman Adam, 2020-04-09 Knowledge Discovery in Big Data from Astronomy and Earth Observation: Astrogeoinformatics bridges the gap between astronomy and geoscience in the context of applications, techniques and key principles of big data. Machine learning and parallel computing are increasingly becoming cross-disciplinary as the phenomena of Big Data is becoming common place. This book provides insight into the common workflows and data science tools used for big data in astronomy and geoscience. After establishing similarity in data gathering, pre-processing and handling, the data science aspects are illustrated in the context of both fields. Software, hardware and algorithms of big data are addressed. Finally, the book offers insight into the emerging science which combines data and expertise from both fields in studying the effect of cosmos on the earth and its inhabitants.

**phd in space science: Graduate Schools in the U.S. 2011** Peterson's, 2010-07-01 Peterson's Graduate Schools in the U.S. is the snapshot paperback version of the hardcover Peterson's Graduate & Professional Programs: An Overview (book one of the six-volume hardcover Grad series). This book includes articles with information on how to finance a graduate education, tips on choosing the right program, and why accreditation is important. It has up-to-date information on hundreds of U.S. institutions that offer master's and doctoral degree programs in a wide range of fields--from accounting to zoology--with facts and figures on enrollment, faculty, computer and library facilities, expenses, and contact information. The program listings are searchable by state or filed and includes an alphabetical school index.

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