

Louisiana State University – Undergraduate Concentration in Disaster Science and Management

Louisiana State University is offering an Undergraduate Concentration in Disaster Science and Management. Disaster Science and Management program is an interdisciplinary program which provides students interested in emergency management-related careers in the public, not for profit, and private sectors with:

- A broad understanding of the nature and impact of disasters on the natural, built and human environments;
- A basis for establishing strategies to effectively plan for disasters, mitigate the adverse effects of disasters, respond to disasters, and recover from disasters.

The Undergraduate Concentration in Disaster Science and Management requires 34 hours, including 7 hours of required courses and 27 hours of electives.

Undergraduate Concentration in Disaster Science and Management curriculum:

Required Courses (7 hours):

- Hazards and the Environment (DSM 2000) (3 hours)
- Fundamentals of Emergency Management (DSM 2010) (3 hours)
- Hazards Seminar (DSM 3910) (1 hour)

Elective Courses (27 hours):

- Coastal Engineering (CE 4320)
- Hurricane Engineering (CE 4445) or Hurricanes & the Built Environment (for Non-engineers) (CE 4745)
- Technology and Emergency Management (DSM 3200)
- Disaster Science and Management Internship (DSM 3900)
- Crisis Management (DSM 4600)
- Research in Disaster Science and Management (DSM 4900)
- Directed Readings in Disaster Science and Management (DSM 4996)
- Environmental Economics (ECON 4320)
- Quantitative Risk Assessment (EMS 4020)
- Applied Ecology (ENVS 4010)
- Environmental Chemistry (ENVS 4101 see also CHEM 4150)
- Environmental Hazards Analysis (ENVS 4262)
- Regulation and Environmental Hazards (ENVS 4264)
- Environmental Toxicology (ENVS 4477)
- Meteorology (GEOG 4013)
- Climatology (GEOG 4014), Microclimatology (GEOG 4015), World Climates (GEOG 4017) or Coastal Climatology (GEOG 7942)
- Geographical Hydrology (GEOG 4018) or Hydrology (CE 4200)
- Environmental Remote Sensing (GEOG 4045)

- Geographic Information Systems (GEOG 4047)
- Methods of Spatial Analysis (GEOG 4048)
- Environmental Historical Geography (GEOG 4080)
- Family Stress Management (HUEC 4064)
- Introduction to International Studies (INTL 3001)
- Planning Disaster Resilient Communities (LA 4204)
- International Conflict and Cooperation (POLI 4048)
- International Politics of the Middle East (POLI 4059)
- Comparative Politics of the Middle East (POLI 4061)
- The Religion of Islam (REL 3786 also INTO 3786)
- Fundamentalisms and Religious Nationalism (REL 3092 also INTL 3092)
- Weather Analysis and Satellite Meteorology (OCS 4021)
- Introduction to International Politics (POLI 2057)
- International Conflict and Cooperation (POLI 4048)
- International Politics of the Middle East (POLI 4059)
- Comparative Politics of the Middle East (POLI 4061)
- Psychology of Counseling (PSYC 3083)
- Fundamentalisms and Religious Nationalism (REL 3092 or INTL 3092)
- Selected Topics in Sociology: The Sociology of Terrorism (SOCL 4091)
- Topics in Sociology (SOCL 4091)
- Crisis Intervention (SW 4500)
- Advanced Hydrology (CE 7260)
- Community Design Studies (ARCH 7070)
- Environmental Law and Regulation (ENVS 7043) or Land Use Law and Regulation (ENVS 7045)
- Spatial Modeling of Environmental Data (ENVS 7050)
- Management of Family Resources (HUEC 7065)
- The Contemporary Family (HUEC 7051)
- Theories in Family Science (HUEC 7057)
- Organizational Analysis for Public and Nonprofit Organizations (PADM 7911)
- Program Evaluation (PADM 7917)

Note: Additional electives may be approved by a DSM Co-Director

Louisiana State University and Agricultural & Mechanical College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award bachelor's, master's, doctoral, and professional degrees.

For more information contact:

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Additional Information: <http://www.dsm.lsu.edu/default.htm>

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