

Department of ICT integrated Ocean Smart Cities Engineering

Section	Details						
<p>1. Introduction</p>	<p>The education and research in the department of ICT integrated Ocean Smart Cities Engineering aimed at producing international Engineers with public and ethical responsibility, by understanding the social and cultural technologies in current and future generations and fulfilling the basic requirements of human life. Students will be trained to be a talented person realizing their given values and to have capability of combining multi-disciplinary knowledge in the field of architectural, civil and electronic engineering to contribute to sustainable development of our human society in ocean-front cities.</p>						
<p>2. Objective</p>	<p>The Department of ICT integrated Ocean Smart Cities Engineering in the Graduate School is based on the basic philosophy of ‘Benefit all Mankind’ that is the foundation idea of Dong-A University. Graduate students will study deep academic theories and broad application methods necessary for the development of human culture and cultivate competent leadership. In order to realize the educational goals of this department, the program in our department was designed to study the theory and practice of advanced Engineering through active research and laboratory exercises and to learn original ability and leadership personality.</p>						
<p>3. Specialities and Features</p>	<ul style="list-style-type: none"> - Disaster prevention and mitigation in ocean-front cities - Structural Engineering, Geotechnical Engineering, Environmental Engineering - Advanced Materials in Building and Construction Engineering, Construction Management - Digital twin for smart cities - IoT and sensors, Massive IoT in smart cities, Advanced Communication Engineering in smart cities - Advanced data analyses in multi-physics Engineering data (Machine learning, Deep Learning, Artificial intelligent technology) 						
<p>4. Specific Major</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;"></th> <th style="text-align: center;">Name of the major</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Master’s</td> <td>Department of ICT integrated Ocean Smart Cities Engineering</td> </tr> <tr> <td style="text-align: center;">Doctorate</td> <td>Department of ICT integrated Ocean Smart Cities Engineering</td> </tr> </tbody> </table>		Name of the major	Master’s	Department of ICT integrated Ocean Smart Cities Engineering	Doctorate	Department of ICT integrated Ocean Smart Cities Engineering
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5. Faculty	Name	Education Profile(Degree)	Major(Research Area)	E-mail
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6. Degrees Granted	-Masters of Engineering -Doctor of Engineering			
7. Contact	Details			
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8. Remark				