

Job Description - ①

Workplace	Center for Soft and Living Matter (Ulsan, UNIST)	Job category (level)	Senior Researcher	Area of hiring	Research
Work duties	Research on Soft and Living Matter				
Main business of IBS	<p>Founded under the Special Act on Establishment of and Support for International Science and Business Belt, the Institute for Basic Science (IBS) conducts fundamental research in the fields of basic science, contributing to developing and delivering scientific knowledge and innovative technology, as well as nurturing the next generation of scientists.</p> <ul style="list-style-type: none"> - Basic science research - Interdisciplinary basic science research in science and technology - Convergence between basic science and humanities, social science and culture and arts - Policy research for setting the direction of basic science research - Programs for establishing and utilizing research facilities and equipment - Management, transfer, utilization and commercialization of research outcomes 				
Research area of the Center	Research on Chemistry and Physics of Soft and Living Matter				
Duties and responsibilities	Interdisciplinary Research on Computerized synthesis and Artificial intelligence AI applied to organic chemistry, Complex chemical networks and catalytic systems, Self-assembly in non-equilibrium regimes, Nanomaterials for catalysis and nanomedicine.				
Knowledge required	Knowledge in related fields (Doctoral degree)				
Competencies required	Research paper and report writing skills, Communication and presentation skills, Problem solving ability, Fluency in English				
Attitude required	<ul style="list-style-type: none"> o Communication through cooperation o Creative work attitude for interdisciplinary research in various fields. 				
Basic skills required	Communication, Mathematics, Problem solving, Interpersonal relationship, Information processing, Understanding of the organization, Work ethics				
Qualification	<p>Degree: Doctoral degree (must be obtained by appointment start date)</p> <p>Major: Physics, Mathematics, Chemistry, Organic chemistry, Biology, Biochemistry, Bioengineering, Chemical Engineering, Machinery, Materials, etc. related research fields</p> <p>Preferences: Research experience in related fields (1st author, Honor and award), Fluent in English</p>				
Screening	Stage 1: Document screening → Stage 2: Interview				

- This job description states major work duties of the hiring area. Work duties that are not stated here may need to be performed.

Job Description - ②

Workplace	Center for Soft and Living Matter (Ulsan, UNIST)	Job category (level)	Senior Researcher	Area of hiring	Research
Work duties	Research on Soft and Living Matter				
Main business of IBS	<p>Founded under the Special Act on Establishment of and Support for International Science and Business Belt, the Institute for Basic Science (IBS) conducts fundamental research in the fields of basic science, contributing to developing and delivering scientific knowledge and innovative technology, as well as nurturing the next generation of scientists.</p> <ul style="list-style-type: none"> - Basic science research - Interdisciplinary basic science research in science and technology - Convergence between basic science and humanities, social science and culture and arts - Policy research for setting the direction of basic science research - Programs for establishing and utilizing research facilities and equipment - Management, transfer, utilization and commercialization of research outcomes 				
Research area of the Center	Research on Chemistry and Physics of Soft and Living Matter				
Duties and responsibilities	Interdisciplinary Research on Biosensors, Biomaterials, Exosome, Microfluidics, Organ-on-a-chip, Lab-on-a-chip				
Knowledge required	Knowledge in related fields (Doctoral degree)				
Competencies required	Research paper and report writing skills, Communication and presentation skills, Problem solving ability, Fluency in English				
Attitude required	<ul style="list-style-type: none"> o Communication through cooperation o Creative work attitude for interdisciplinary research in various fields. 				
Basic skills required	Communication, Mathematics, Problem solving, Interpersonal relationship, Information processing, Understanding of the organization, Work ethics				
Qualification	<p>Degree: Doctoral degree (must be obtained by appointment start date)</p> <p>Major: Physics, Mathematics, Chemistry, Organic chemistry, Biology, Biochemistry, Bioengineering, Chemical Engineering, Machinery, Materials, etc. related research fields</p> <p>Preferences: Research experience in related fields (1st author, Honor and award), Fluent in English</p>				
Screening	Stage 1: Document screening → Stage 2: Interview				

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Job Description - ③

Workplace	Center for Soft and Living Matter (Ulsan, UNIST)	Job category (level)	Postdoctoral research associate	Area of hiring	Research
Work duties	Research on Soft and Living Matter				
Main business of IBS	<p>Founded under the Special Act on Establishment of and Support for International Science and Business Belt, the Institute for Basic Science (IBS) conducts fundamental research in the fields of basic science, contributing to developing and delivering scientific knowledge and innovative technology, as well as nurturing the next generation of scientists.</p> <ul style="list-style-type: none"> - Basic science research - Interdisciplinary basic science research in science and technology - Convergence between basic science and humanities, social science and culture and arts - Policy research for setting the direction of basic science research - Programs for establishing and utilizing research facilities and equipment - Management, transfer, utilization and commercialization of research outcomes 				
Research area of the Center	Research on Chemistry and Physics of Soft and Living Matter				
Duties and responsibilities	Interdisciplinary Research on Biosensors, Biomaterials, Exosome, Microfluidics, Organ-on-a-chip, Lab-on-a-chip				
Knowledge required	Knowledge in related fields (Doctoral degree)				
Competencies required	Research paper and report writing skills, Communication and presentation skills, Problem solving ability, Fluency in English				
Attitude required	<ul style="list-style-type: none"> o Communication through cooperation o Creative work attitude for interdisciplinary research in various fields. 				
Basic skills required	Communication, Mathematics, Problem solving, Interpersonal relationship, Information processing, Understanding of the organization, Work ethics				
Qualification	<p>Degree: Doctoral degree (obtained within recent 5 years or to be obtained within 3 months from the appointment start date)</p> <p>Major: Physics, Mathematics, Chemistry, Organic chemistry, Biology, Biochemistry, Bioengineering, Chemical Engineering, Machinery, Materials, etc. related research fields</p> <p>Preferences: Research experience in related fields (1st author, Honor and award), Fluent in English</p>				
Screening	Stage 1: Document screening → Stage 2: Interview				

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Job Description - ④

Workplace	Center for Soft and Living Matter (Ulsan, UNIST)	Job category (level)	Researcher	Area of hiring	Research
Work duties	Research on Soft and Living Matter				
Main business of IBS	<p>Founded under the Special Act on Establishment of and Support for International Science and Business Belt, the Institute for Basic Science (IBS) conducts fundamental research in the fields of basic science, contributing to developing and delivering scientific knowledge and innovative technology, as well as nurturing the next generation of scientists.</p> <ul style="list-style-type: none"> - Basic science research - Interdisciplinary basic science research in science and technology - Convergence between basic science and humanities, social science and culture and arts - Policy research for setting the direction of basic science research - Programs for establishing and utilizing research facilities and equipment - Management, transfer, utilization and commercialization of research outcomes 				
Research area of the Center	Research on Chemistry and Physics of Soft and Living Matter				
Duties and responsibilities	Interdisciplinary Research on Computerized synthesis and Artificial intelligence AI applied to organic chemistry, Complex chemical networks and catalytic systems, Self-assembly in non-equilibrium regimes, Nanomaterials for catalysis and nanomedicine.				
Knowledge required	Knowledge in related fields(Master degree)				
Competencies required	Research paper and report writing skills, Communication and presentation skills, Problem solving ability, Fluency in English				
Attitude required	<ul style="list-style-type: none"> o Communication through cooperation o Creative work attitude for interdisciplinary research in various fields. 				
Basic skills required	Communication, Mathematics, Problem solving, Interpersonal relationship, Information processing, Understanding of the organization, Work ethics				
Qualification	<p>Degree: Master degree (must be obtained by appointment start date)</p> <p>Major: Physics, Mathematics, Chemistry, Organic chemistry, Biology, Biochemistry, Bioengineering, Chemical Engineering, Machinery, Materials, etc. related research fields</p> <p>Preferences: Research experience in related fields (1st author, Honor and award), Fluent in English</p>				
Screening	Stage 1: Document screening → Stage 2: Interview				

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Job Description - ⑤

Workplace	Center for Soft and Living Matter (Ulsan, UNIST)	Job category (level)	Researcher	Area of hiring	Research
Work duties	Research on Soft and Living Matter				
Main business of IBS	<p>Founded under the Special Act on Establishment of and Support for International Science and Business Belt, the Institute for Basic Science (IBS) conducts fundamental research in the fields of basic science, contributing to developing and delivering scientific knowledge and innovative technology, as well as nurturing the next generation of scientists.</p> <ul style="list-style-type: none"> - Basic science research - Interdisciplinary basic science research in science and technology - Convergence between basic science and humanities, social science and culture and arts - Policy research for setting the direction of basic science research - Programs for establishing and utilizing research facilities and equipment - Management, transfer, utilization and commercialization of research outcomes 				
Research area of the Center	Research on Chemistry and Physics of Soft and Living Matter				
Duties and responsibilities	Interdisciplinary Research on Biosensors, Biomaterials, Exosome, Microfluidics, Organ-on-a-chip, Lab-on-a-chip				
Knowledge required	Knowledge in related fields(Master degree)				
Competencies required	Research paper and report writing skills, Communication and presentation skills, Problem solving ability, Fluency in English				
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