




## TU DELFT DATA ANALYSIS: TO THE MAX() (UD9004)

<b>COURSE DESCRIPTION</b>	THERE ARE MULTIPLE WAYS TO MAKE DECISIONS, BUT ONE WAY PROVEN TO BE VERY USEFUL IS THE ANALYTICAL APPROACH - A METHODOLOGY FOR MAKING THE PROBLEM EXPLICIT AND RATIONALISING THE DIFFERENT POTENTIAL SOLUTIONS.		
<b>DOMAIN</b>	COMPUTER SCIENCE		
<b>PREREQUISITES</b>	NONE, APART FROM AN OPEN MIND AND THE DESIRE TO DISCOVER NEW OPPORTUNITIES TO GET A FIRM GRIP ON COMPLEX SITUATIONS OR A CASE YOU WANT TO ANALYSE.		
<b>LEVEL</b>	BACHELOR		
<b>LANGUAGE</b>	ENGLISH		
<b>NUMBER OF CREDITS AND WORKLOAD</b>	5 CREDITS	4-8 HRS PER WEEK	20-40 HRS IN TOTAL
<b>SEMESTER PERIOD AND START DATE COURSE</b>	SEMESTER 2	TBA	
<b>APPLICATION DEADLINE</b>	TBA		

# Virtual Exchange Global Alliance

<b>FULL COURSE DESCRIPTION</b>	<p>EXPLORE COMPLEX, MULTI-ACTOR SYSTEMS IN WHICH ONE FACTOR INFLUENCES ALL OTHER FACTORS. FOR INSTANCE, HOW INNOVATIVE ENERGY TECHNOLOGIES MERGE INTO THE EXISTING ENERGY SYSTEM, OR HOW NEW TRANSPORT POSSIBILITIES IMPACT CURRENT PROCESSES. ARMED WITH THIS INFORMATION, LEARN TO DECIDE WHETHER THEY SHOULD BE FURTHER DEVELOPED, CONSIDER POSSIBLE NEGATIVE RESULTS AND WEIGH ASSOCIATED COSTS.</p> <p>THERE ARE MULTIPLE WAYS TO MAKE DECISIONS, BUT ONE WAY PROVEN TO BE VERY USEFUL IS THE ANALYTICAL APPROACH - A METHODOLOGY FOR MAKING THE PROBLEM EXPLICIT AND RATIONALIZING THE DIFFERENT POTENTIAL SOLUTIONS. IN SHORT: ANALYSIS BASED SUPPORT OF DECISION MAKING, DESIGN AND IMPLEMENTATION OF SOLUTIONS.</p> <p>CREATIVE PROBLEM SOLVING AND DECISION MAKING AS A COURSE TEACHES YOU THIS METHOD.</p>
<b>PLATFORM AND LINK TO COURSE DESCRIPTION</b>	EDX <a href="https://www.edx.org/course/creative-problem-solving-and-decision-making">HTTPS://WWW.EDX.ORG/COURSE/CREATIVE-PROBLEM-SOLVING-AND-DECISION-MAKING</a>
<b>COURSE DESCRIPTION IN STUDY GUIDE</b>	<a href="http://www.studiegids.tuelft.nl/a101_displaycourse.do?course_id=44262">HTTP://WWW.STUDIEGIDS.TUDELFT.NL/A101_DISPLAYCOURSE.DO? COURSE_ID=44262</a>
<b>LECTURER(S)</b>	ALEXANDER DE HAAN, FIEKE MIEDEMA, ELIANNE DE REGT, ELS VAN DALEN
<b>PICTURE OF COURSE</b>	

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<b>FINAL EXAMINATION DATE AND TIME / PERIOD</b>	TO BE ANNOUNCED	TO BE ANNOUNCED	TO BE ANNOUNCED
<b>EXAMINATION REGISTRATION DEADLINE</b>	EXAMINATION REGISTRATION BEFORE : TBA		
<b>OR DROP-OUT DEADLINE</b>	DROP- OUT DEADLINE : TBA		
<b>TYPE OF EXAMINATION</b>	MOOC ASSIGNMENTS + VIDEO + FINAL ASSIGNMENT		
<b>MIDTERM EXAMINATION?</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO		
<b>PREVIOUS EXAM PAPERS AVAILABLE</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO		
<b>RESIT? AND DATE</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO		
<b>GRADE RELEASE AND TRANSCRIPT RELEASE</b>	TBA	TBA	