

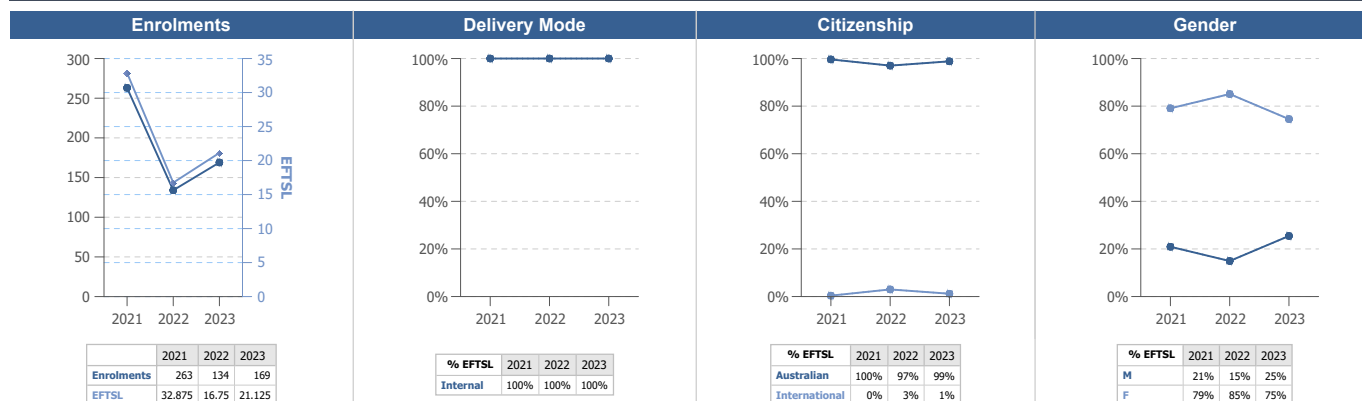
Course Activity - Individual

COMMERCIAL IN CONFIDENCE

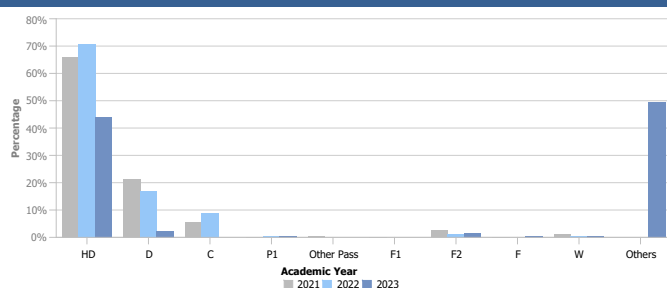
Study Period: Study Period 2 - 2023, Study Period 5 - 2023, Study Period 2 - 2022, Study Period 5 - 2022, Study Period 2 - 2021, Study Period 5 - 2021 **School:** ALH - UniSA Allied Hlth & Human Perf

Course(s) Selected: RADY 5030 - Ultrasound Physics and Instrumentation

RADY 5030 - Ultrasound Physics and Instrumentation

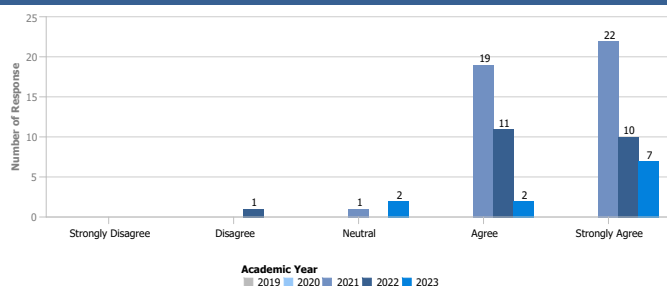


Grade Distribution



		HD	D	C	P1	Other Pass	F1	F2	F	W	Others
2021	n=	174	57	15	1	2	1	8	1	4	
	%	66%	22%	6%	0%	1%	0%	3%	0%	2%	
2022	n=	95	23	12	1			2		1	
	%	71%	17%	9%	1%			1%		1%	
2023	n=	75	4		1			3	1	1	84
	%	44%	2%		1%			2%	1%	1%	50%

Course Overall Satisfaction

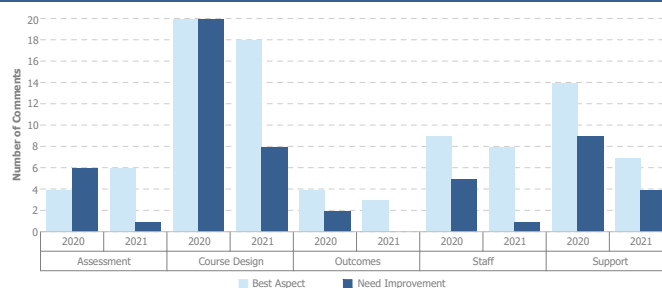


		2021	2022	2023
RADY - 5030	n=	42	22	11
	Mean	75.0	68.2	72.7

		2021	2022	2023
ALH	n=	4,364	3,763	2,105
	Mean	52.6	53.9	53.5
UniSA	n=	30,489	24,228	13,625
	Mean	51.4	52.6	52.5

MCE Comments by Year only

MCE Course Comments

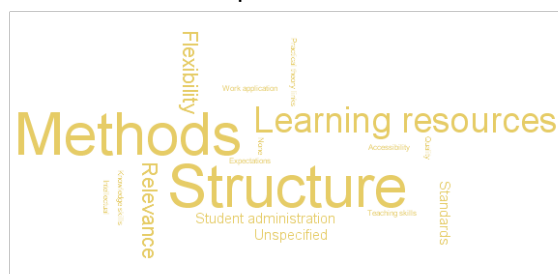


MyCourse Experience Course Comments - 2021

Best Aspects



Needs Improvement



Course Activity - Individual

COMMERCIAL IN CONFIDENCE

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Course(s) Selected: RADY 5030 - Ultrasound Physics and Instrumentation

RADY 5030 - Ultrasound Physics and Instrumentation

Course Comments

Best Aspect

Term Code	Program Code	MCE Comment
SP2 - 2021	ICBR	Good lecturer
SP2 - 2021	ICBR	All resources given and Jess is very approachable, helpful and keen for us to succeed.
SP2 - 2021	IGSO	The clear and concise information on assessments, two assignments and four quizzes (plus the exam) is an achievable goal. I didn't feel overworked (for the most part).
SP2 - 2021	IGSO	The module quizzes and learning objectives were very helpful and gave me a tool to test my knowledge as I went which gives me confidence in the final exam. Also enjoyed the artefacts tutorial.
SP2 - 2021	IGSO	very well structured and easy to recognise what was expected of me
SP2 - 2021	IGSO	The way the course is structured and assesses your knowledge as the semester progresses. Jess the course coordinator is very prompt with answering questions on the discussion boards, emails and organising online zoom sessions.
SP2 - 2021	IGSO	Study Guide
SP2 - 2021	IGSO	Jess was excellent - very supportive and encouraged all to do their best. By her being transparent with the cohort I believe I was able to complete some of my best university assessments in this unit. This is something I would not have thought possible considering I am not terribly good at physics and was initially dreading.
SP2 - 2021	IGSO	comprehensive module outlines, great study resources available on moodle, clear instructions and support from the course coordinator.
SP2 - 2021	IGSO	Topics felt relevant and I could implement what I learnt at uni to my scanning.
SP2 - 2021	IGSO	Proper guidance for course like tips for how make assignments in accurate manner.
SP2 - 2021	IGSO	I really liked the easy to follow and self directed learning modules. Assignments and quiz's were very useful to my learning and the practice quiz's were very useful also.
SP2 - 2021	IGSO	The online quizzes were a good way to test knowledge and were useful
SP2 - 2021	IGSO	Very informative course
SP2 - 2021	IGSO	1) 3 Assignments' questions are very practical in clinical practice, which also helps us to deeper understand and then apply the physics principles 2) Zoom workshops and discussion boards are very useful and supportive in studying this course.
SP2 - 2021	IGSO	While there was a lot of content for this unit, we were provided with excellent and varied resources.
SP2 - 2021	IMSO	Great assessments and very interesting
SP2 - 2022	ICBR	I found having no exam was great as it puts unnecessary stress especially as most of us are working full time. Also it would end up with a lot of rote learning. This mode of studies with quizzes and assignments were enjoyable and enriching. Also thoroughly enjoyed watching all of my groupmates presentations.
SP2 - 2022	ICBR	There was alot of information to cover and very indepth, but Jessie tried to help as much as possible and provided lots of resources. Quizzes were a great overview and helped with knowledge
SP2 - 2022	IGSO	Great weekly online modules
SP2 - 2022	IGSO	Was all very relevant and beneficial.
SP2 - 2022	IGSO	A very approachable course coordinator
SP2 - 2022	IGSO	The course has provided useful access to medical texts.
SP2 - 2022	IGSO	Great easy to follow layout. All information was readily available, not having to buy text books and having access to them online was great.
SP2 - 2022	IGSO	The resources available and the quizzes helped reinforce learning objectives
SP2 - 2022	IGSO	- great and useful content - was able to learn at my own pace - lots of useful resources and materials - enjoyed the mix of quizzes/presentations rather than sitting a final exam
SP2 - 2022	IMSO	Lecture material and fast correspondence with course coordinator
SP2 - 2023	ICBR	Initially, I thought the final assessment task of watching multiple presentations was a very time consuming way to consolidate my learning of the course content - but I am happy to say I was proven wrong and I have found it very beneficial to go over the course content in this format to be sure I have a thorough understanding of ultrasound physics. I have really enjoyed the textbooks available for the course. The whole course content was presented in a really concise manner compared with what I remember of my undergraduate Ultrasound Physics subject, and designed to help students thrive as sonographers in the workplace.
SP2 - 2023	ICBR	Jessie is very friendly and approachable on the forum and via email, and the layout of learnonline was easy to navigate.
SP2 - 2023	ICBR	Good pacing of modules and learning objectives. Content was relevant and interesting. Suggested resources were relevant and helpful, aiding in learning.
SP2 - 2023	IGSO	I loves the artifacts weeks, very useful clinically. I felt the course was a great surface level introduction to physics.
SP2 - 2023	IGSO	It's a good course.
SP2 - 2023	IGSO	- Very responsive lecturer, easy to communicate with - Good revision of materials through the prescribed assignments - Reviewing/revision concepts by watching other student's PowerPoint presentations
SP2 - 2023	IGSO	Having zoom sessions and practice quizzes really helped me know where I was at with my understanding.
SP2 - 2023	IGSO	It is online
SP2 - 2023	IGSO	I thought the course was extremely well organised. The course material, although challenging at times, was made more engaging with use of video lectures which were very helpful. There were excellent resources to utilise, especially the Robert Gill resources and I especially liked the I felt the way the way course was delivered help me to understand the material better. It was a great idea to have everybody present on different topic areas and then use this to facilitate a final assignment to go through everybody's presentation- even though this was very time consuming! Jess was extremely helpful and responsive to any email queries I had, or questions raised on the discussion site. Jess was very encouraging and had a great understanding of the topic area. Thank you!
SP2 - 2023	IGSO	Interesting content, well organised, not too dense, great teaching staff, happy with the styles of assessment
SP5 - 2021	IGSO	Very informative, related to career, the videos are great. The practice quizzes are great.
SP5 - 2021	IGSO	Excellent layout of the course, and guided well through the learning objectives.
SP5 - 2021	IGSO	Very supportive lecture clearly outlines what we need to focus on in assignments etc
SP5 - 2021	IGSO	This course was interesting and well laid out on the learnonline site which made the course work flow easily give me a clearly understanding of how sound wave work and how to use machine. I think it is so important to understand all basic I learned from this course then I can use these knowledge to apply for scanning in the future.
SP5 - 2021	IGSO	Tutorial by Jess and modules videos and practice questions
SP5 - 2021	IGSO	the modules were well organised
SP5 - 2021	IGSO	- Lectures. - Reading material and book references. - Teacher facilitating the discussions, explanations of difficult concepts and regular zoom meeting, great appreciation to Jessie, she is always there with answers and enthusiasm. - Online assessments great tools including practice quizzes.
SP5 - 2021	IGSO	Excellent responses from lecturer, and concise content.
SP5 - 2021	IGSO	Physics is a straight forward, black and white kind of subject (unlike professional issues). As long as access to teaching materials and learning supports are available, it should be good to go. This subject from Uni SA simple but good. Teachers responded promptly in the online forum. The course is well structured and easy to follow.
SP5 - 2021	IMSO	Information provided with learning objectives etc Assignment content was directly related to learning objectives and helped to understand difficult key concepts Quizzes were a great informational tool and really helped in understanding concepts
SP5 - 2021	IMSO	I think that the course was really well structured. All the lectures were great and I felt like I knew what to expect for each assessment. I think that the course coordinator was very helpful in answering any questions in the discussion board and organising zoom sessions. Overall, I enjoyed the course and feel that that this course has helped me to understand the physics needed in doing ultrasound.
SP5 - 2022	ICBR	Comprehensive content. Though the load of the requirement of this subject was high, it gave me an opportunity to revisit the topics through the key points & quiz questions, powerpoint presentation and quizzes.
SP5 - 2022	ICBR	Identifying concepts in all the modules.
SP5 - 2022	ICBR	I enjoy the course very much.
SP5 - 2022	IGSO	- the assignments and quizzes were very good - really enjoyed the first few lecture video and having a powerpoint/ pdf version of the information as well
SP5 - 2022	IGSO	this year's course structure RADY 5030 had a very interesting change. I have to re-sit this subject so I see it a lot differently. Doing the presentations and viewing everyone else presentations make me understand more about the contents of the course. Also while doing research for my own presentation I have to search for information that is another way of learning for me.
SP5 - 2022	IGSO	Jess was really good, very clear instructions on what's required and good support whenever needed.
SP5 - 2022	IGSO	Learning about the basic knowledge of ultrasound machine and how things work in regards to its physics and the use of instruments

Need Improvement

Term Code	Program Code	MCE Comment
SP2 - 2021	ICBR	Website is a bit all over the place and difficult to navigate at times. Fewer tabs and more concise construction of the layout would be helpful.
SP2 - 2021	ICBR	Very intense for the short time
SP2 - 2021	IGSO	Less text book readings, more practice exams. I believe everything we need to know for the course should be covered with lecture material and the text book readings should just be an additive. This could be the case, however I will only know after the final exam. Jessie was excellent, very clear, concise and responsive to emails and the forum.
SP2 - 2021	IGSO	Lecture slides/ resources.
SP2 - 2021	IGSO	I was not sure on what was expected of me throughout the course. It felt unstructured to me.
SP2 - 2021	IGSO	There were a few zoom meetings that I felt would've been more beneficial if they were run like tutorials with questions rather than discussions.
SP2 - 2021	IGSO	Updated Videos
SP2 - 2021	IGSO	There is nothing that I could think of to improve this course.
SP2 - 2021	IGSO	Doing more online sessions
SP2 - 2021	IGSO	No
SP2 - 2021	IGSO	can't think of any.
SP2 - 2021	IGSO	More recorded videos for some of the modules explaining terms, concepts and calculations etc.
SP2 - 2021	IGSO	More tutorials
SP2 - 2021	IMSO	no
SP2 - 2022	ICBR	A study guide would be very helpful for this course More recent lectures recorded Less powerpoint presentations, more quizzes or a few powerpoints mixed with and essay and quizzes. The powerpoints helped with learning on specific topics, however due to the amount, it was hard to take in the full course content, as I was so focused on getting the presentations done. (Jessie was amazing at helping and reviewing this through the course)
SP2 - 2022	IGSO	Please no personalised feedback or just back to the marking rubric. I found watching the other presentations did help, but feel that those who want to watch them and learn will, and others will never take in what they are watching if they don't want to watch them. Also tricky to do as some group members had extensions so delayed others finishing all their own work.
SP2 - 2022	IGSO	Learnonline is the single worst platform I have ever experienced! It is absurdly messy and incredibly hard to navigate the workings of a subject. Submission of assignments is more difficult than the assignment itself. It alone is a justifiable reason to select a different University for study. I am genuinely shocked that this is the interface Unisa has opted for.
SP2 - 2022	IGSO	- the 4 quizzes/6 presentation split was much better and more manageable than 8 presentations - maybe 5 quizzes/5 presentations would work too
SP2 - 2022	IGSO	Potentially less module presentations as I found myself spending a lot of time trying to put together presentations rather than learning the content and objectives. More quizzes would help reinforce learning.
SP2 - 2022	IGSO	I actually enjoyed the PowerPoint presentations as I learned the content more thoroughly than when quizzed.
SP2 - 2022	IGSO	The course assessment we're made challenging especially changing the requirements part way through the course. Joining other groups also as. My group still has multiple names on some topics and none on other topics. Communication lacked after groups combined.
SP2 - 2022	IGSO	Less presentations, more quizzes
SP2 - 2022	IGSO	The presentation assessments were too much work, taking up a lot of time so you couldn't focus on the rest of the content as much. Changing the assessment structure could be good for future students.
SP2 - 2022	IMSO	Assignments were too heavy loaded and it was difficult for me to manage without asking for extensions. More quizzes would be good
SP2 - 2023	ICBR	No
SP2 - 2023	ICBR	Some of the modules (the doppler ones onwards) had quite old video lectures that could do with updating.
SP2 - 2023	IGSO	Better access to materials about referencing.
SP2 - 2023	IGSO	gee whiz navigation for a first timer to online was really quite difficult and uncertain. Kind of like going to a new town in a new country without a map. So much of my time so far has been spent lost trying to discover my course and the resources available. Then there is the logging onto to EBSCO, that is just a nightmare that has an alternative but I didn't know them so I sat in traffic going no where.
SP2 - 2023	IGSO	Nothing I can think of.
SP2 - 2023	IGSO	Some of the content organisation is a bit clunky, some videos embedded/some external links etc some tiny difficulties in navigating things but very issues and overall very happy. Would have liked to see some stricter imposition of time limits for the assessment items for consistency sake since some people's presentations were twice the length of others which confers an advantage in my opinion.
SP2 - 2023	IGSO	I may be in the minority, but definitely would have preferred a final exam to that last assignment. It was somewhat useful watching other people's assignments but making it worth 45% of our grade and essentially asking students to write their own exam was not the best way to assess everyone's understanding of the content in my opinion. While I feel I have a good level of knowledge about physics now, I feel my knowledge definitely would have been more thorough if I had studied the content for a final examination. Unfortunately, I just don't think physics can be properly assessed with assignments. The quizzes were great. The zoom tutorials were useless and again I feel showing other students' assignments in them was a little lazy, and surely the academics could have prepared some resources considering there were only four from of memory.
SP5 - 2021	IGSO	I think everything is pretty good.
SP5 - 2021	IGSO	More Lecture-type recordings for each module. The concepts are learned mostly through textbooks and readings which I struggled with.
SP5 - 2021	IGSO	- Overall the course is great and enjoyable - This course is a great base for ultrasound instrumentation for all streams. This course will benefit from extra specific material for specific streams, in particular ultrasound artifact module could benefit from more images on artifacts that are commonly seen in specific streams (cardiac , vascular , general , ect). For example , in echocardiography various views or in Abdominal ultrasound views, ect . This could be just images and arrows with types of artifacts we could see in various views. - Expansion on 3D and 4D imaging concepts. - Extra information on intravascular and intracardiac ultrasound, or transoesophageal ultrasound transducer/ modalities. - The idea that I have seen in some modules with PowerPoint slides additional material is great and could be expanded to each module as summaries. Thank you great course.
SP5 - 2021	IGSO	no
SP5 - 2021	IGSO	updated lecture videos
SP5 - 2021	IGSO	Need updated version of Module videos
SP5 - 2021	IMSO	Not really. The online format really suits me compared to doing in person assessments so I think that personally it worked really very for me.
SP5 - 2022	ICBR	Course was satisfactory.
SP5 - 2022	ICBR	3 types of assignments for this course were key points and quiz answers of 48 presentations; 3 PowerPoint presentations and continuous quizzes (after each module as well compulsory quizzes). I felt quite overwhelmed with this course/subject especially since I work full time. Managed to complete all my assignments in time except for my last presentation where I requested for an extension which was granted. I am grateful and thankful.
SP5 - 2022	IGSO	All good
SP5 - 2022	IGSO	I did find it a bit tricky with the e-portfolio and wiki submissions, especially as other students have mistakenly edited the wikis. It's a bit all over the place and harder to follow.
SP5 - 2022	IGSO	More practice tests if possible, I loved these! They were the best tool for learning and overviews.
SP5 - 2022	IGSO	Nothing as for me it is already an excellent quality of education this course provided us :) Just keep providing high-quality education to other students!!

Course Activity - Individual

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Course(s) Selected: RADY 5030 - Ultrasound Physics and Instrumentation

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SP5 - 2022	IGSO	I found the module presentations and key points and questions where helpful in understanding each topic and learning goals.
SP5 - 2022	IGSO	Assessments and quizzes were constructed in a way that I as a student enjoyed learning even though it was challenging. At first, during the orientation, I was overwhelmed by the assessments that were discussed adding to the fact that Physics is not my strong suit, but as we move forward through the semester I enjoyed and learned a lot in this course! Assessments were great as they thought me to manage my time by completing all key points and quizzes and doing our PowerPoint. Both PowerPoint and reviewing/answering my classmates' quizzes helped me a lot in understanding the topic per module. Another strength is that all resources are made available to us from the beginning of the semester (books, videos, etc.) which helped me a lot in finding important key points I need to know on a particular topic or module.
SP5 - 2022	IGSO	I really liked the change in assessment to presentations, key points/answers, and quizzes. I had done this course over 10 years ago with the assessment method being an exam, and definitely prefer the continuous assessment. As opposed to the exam, I have found it more beneficial for retaining information. With an exam I was more likely to 'binge' study and then forget what I had learned. Doing presentations allowed me to work at my own pace and I found it easy to identify gaps in my knowledge. I could then do further research to develop my understanding.